

ANNEXURE A1

Pilot questionnaire

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Dear student,

RESEARCH PROJECT: IMPORTANCE-PERFORMANCE ASSESSMENT

I am doing a research project for a Masters Degree in Architecture and would appreciate your participation. Please read the information about the project below, and if you choose to continue, sign the consent agreement at the bottom of the page before completing the questionnaire that follows.

Annemarie Wagener

BACKGROUND INFORMATION

What is the study about?

It is an acknowledged fact that schools of architecture are seldom good examples of learning place design. The aim of this research project is to develop a research instrument called an Importance-Performance Assessment, which can be used to improve this situation. An IPA measures not only your satisfaction with certain conditions, but also how important these conditions are to you.

This draft questionnaire that you are asked to complete, is part of the pre-testing process for the design and development of the research instrument. It may seem to you that some questions are very similar, but that is part of the requirements for this type of survey. Please consider each answer carefully.

Is participation voluntary and anonymous?

Yes. You do not have to fill in, or submit a questionnaire. Only if you sign the consent agreement below, will your questionnaire be used for research.

The questionnaires are anonymous, and no-one's responses can be linked to a specific person. Should you agree to provide additional feedback in an interview, that information will be treated as confidential.

The demographic information that you provide will be used to improve contextual understanding of your responses. It is not requested as a means to identify you.

Why were you selected to participate?

Not all architecture students can be surveyed; therefore selected classes at selected universities are used as "sample" groups.

CONSENT

I agree that I understand the purpose of this questionnaire, and that I am partaking in this project voluntarily. I give my consent that my answers may be used for the research project (and any interpretation of the outcomes in published form, conference papers, etc.).

To maintain your anonymity, tick the appropriate block, do not sign it.

Yes	No
Date: MM / DD / 20YY	

Please use **BLACK INK**, and **MARK EACH CHOICE CLEARLY**, e.g.:

If asked to make a choice, or write a comment, how well should I consider my answer?

(1 = Just pick one at random; 9 = Carefully think about it first)

Just pick one	1	2	3	4	5	6	7	8	X	Think carefully
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Start time: _____ h: _____ min (e.g. 14:15)

This section aims to gather information, and your opinions about the

DESIGN AND PHYSICAL LAYOUT OF YOUR CAMPUS AND SCHOOL

Please give a brief, balanced opinion of the building that houses your School of Architecture, including an explanation of your reason/s for this opinion:

External appearance

Do you agree with the following statements about the building in which your school is housed?

(1 = Totally Disagree, 9 = Totally Agree)

It looks like a building that houses a school of architecture	1	2	3	4	5	6	7	8	9
There is a pleasing aesthetic relationship between the building and the surrounding campus	1	2	3	4	5	6	7	8	9
The positioning and layout of the building allows for interaction with students from other disciplines	1	2	3	4	5	6	7	8	9
The placing of the building works well in relation to the campus around it – entrances conveniently placed, easy access to gardens, etc.	1	2	3	4	5	6	7	8	9

EX APP P

How important are the following aspects of the building in which your school is housed, to you?

(1 = Not important at all, 9 = Very important)

The building makes an architectural statement	1	2	3	4	5	6	7	8	9
The building “fits” well aesthetically with the rest of the campus	1	2	3	4	5	6	7	8	9
Interaction between the building and the campus around it	1	2	3	4	5	6	7	8	9
The design of the building should allow for interaction with students from other disciplines	1	2	3	4	5	6	7	8	9

EX AP I

Spaces and places

Do you agree with the following statements? I am satisfied with the provision of (1 = Very Dissatisfied 9 = Very Satisfied)									
quiet places where I can work on my own	1	2	3	4	5	6	7	8	9
working spaces for small groups (of less than 5)	1	2	3	4	5	6	7	8	9
working spaces for big groups (of more than 5)	1	2	3	4	5	6	7	8	9
well-equipped computer laboratories	1	2	3	4	5	6	7	8	9
crit / jury spaces	1	2	3	4	5	6	7	8	9
model building spaces	1	2	3	4	5	6	7	8	9
open spaces for flexible use	1	2	3	4	5	6	7	8	9
the positioning of the architecture library in relation to the school	1	2	3	4	5	6	7	8	9
places where students from different years can work together informally or relax	1	2	3	4	5	6	7	8	9
easy access for persons with physical disabilities to all parts of the building	1	2	3	4	5	6	7	8	9

SP PRO P

How important is the availability of the following types of spaces to you? (1= Not important at all, 9 = Very important)									
Quiet places to work on my own	1	2	3	4	5	6	7	8	9
Small group working spaces (less than 5 people)	1	2	3	4	5	6	7	8	9
Large group working spaces (more than 5 people)	1	2	3	4	5	6	7	8	9
Well-equipped computer laboratories	1	2	3	4	5	6	7	8	9
Dedicated model building spaces	1	2	3	4	5	6	7	8	9
Open spaces for flexible use	1	2	3	4	5	6	7	8	9
A dedicated architecture library as part of the school facilities, not integrated with others	1	2	3	4	5	6	7	8	9
Convenient places where students can work together informally or relax comfortably	1	2	3	4	5	6	7	8	9
Access and ease of circulation to persons with physical disabilities	1	2	3	4	5	6	7	8	9

STU ST 1

What is your opinion about your studio? (1 = Strongly Disagree; 9 = Strongly Agree)									
There is enough space to work on projects	1	2	3	4	5	6	7	8	9
The furniture is adequate for its purpose	1	2	3	4	5	6	7	8	9
The seating is satisfactory	1	2	3	4	5	6	7	8	9
The desks and chairs are well maintained	1	2	3	4	5	6	7	8	9
It is possible to individualise personal spaces	1	2	3	4	5	6	7	8	9
It is possible to express a group identity	1	2	3	4	5	6	7	8	9

STU STP

How important are the following to you, in relation to your studio? (1 = Not important at all, 9 = Very important)									
Enough space to work on projects	1	2	3	4	5	6	7	8	9
Being able to individualise personal spaces	1	2	3	4	5	6	7	8	9
Being able to express a group identity	1	2	3	4	5	6	7	8	9
Close institutional control over the use of the studio, to prevent damage and abuse of equipment	1	2	3	4	5	6	7	8	9

STU ST I

Below are photos of the architecture studios at three universities. Which one most resembles your opinion of what a studio should look like?		
		
University of Hong Kong Faculty of Architecture Study Centre http://rocker-lange.com/blog/wp-content/uploads/2010/03/studio-2-lr.jpg	Washington University http://www.flickr.com/photos/jimmyarch1861/2799378108/	Illinois Institute of Technology http://www.flickr.com/photos/iitugadmission/5352679400/

STU CH I

This section aims to gather information, and your opinions about the

INDOOR ENVIRONMENTAL CONDITIONS

Air quality

How satisfied are you with the air quality and ventilation in your studio? (Tick a box between 1 and 9)								
1	2	3	4	5	6	7	8	9
Not satisfied				Very satisfied				

IN AIR(S) P

How satisfied are you with the air quality and ventilation in the classrooms? (Tick a box between 1 and 9)								
1	2	3	3	5	6	7	8	9
Not satisfied				Very satisfied				

IN AIR(C) P

Which of the following do you prefer in your studio? (Tick one box)	
A controlled HVAC system with sealed windows	
Natural ventilation with openable windows and variable environmental conditions	

IN AIR(S) I

Temperature

How do you experience the temperature in your studio:									
Summer	Too hot			Just right			Too cool		
	1	2	3	4	5	6	7	8	9
Winter	Too warm			Just right			Too cold		
	1	2	3	4	5	6	7	8	9

STU TE(S)P STU TE(W)P

To what degree are you willing to give up comfort, for the sake of saving energy?										
(Tick a box between 1 and 9)										
None	1	2	3	4	5	6	7	8	9	A lot

ENG EF I

Acoustics

How troublesome is noise from passages and common areas, inside school teaching spaces?

(Tick a box between 1 and 9)

Very well	1	2	3	4	5	6	7	8	9	Not at all
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IN ACO P

How much does a noisy environment negatively influence your ability to concentrate during classes or discussions?

(Tick a box between 1 and 9)

Not at all	1	2	3	4	5	6	7	8	9	Completely
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IN ACO I

Lighting

Are the natural lighting conditions in your studio satisfactory?

(Tick a box between 1 = Very Unsatisfactory and 9 = Very Satisfactory)

1	2	3	4	5	6	7	8	9
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NA LIG P

Are the artificial lighting conditions in your studio satisfactory?

(Tick a box between 1 = Very Unsatisfactory and 9 = Very Satisfactory)

1	2	3	4	5	6	7	8	9
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AR LIG P

How important is optimal lighting conditions to you – do you make an effort to get it “just right”, or do you not really notice? (Tick a box between 1 and 9)

Don't notice	1	2	3	4	5	6	7	8	9	“Just right”
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PER LIG I

Other

Are there any other environmental conditions which apply to your studio (e.g. humidity)? Please list these, and indicate your level of satisfaction (1 = Very Poor 9 = Very Good):

Environmental factor	1	2	3	4	5	6	7	8	9

ENV OT P

This section aims to gather information, and your opinions about

INFRASTRUCTURE AND FINISHES

Please indicate your satisfaction with the following infrastructural elements in the school (Tick 1 = Not satisfactory at all, 9 = Excellent)									
Floor finishes	1	2	3	4	5	6	7	8	9
Wall finishes	1	2	3	4	5	6	7	8	9
Ceiling finishes	1	2	3	4	5	6	7	8	9
Pinning boards	1	2	3	4	5	6	7	8	9
Lighting in common spaces	1	2	3	4	5	6	7	8	9
Access to Internet	1	2	3	4	5	6	7	8	9
Access to Wi-Fi	1	2	3	4	5	6	7	8	9
Safe storage of personal property	1	2	3	4	5	6	7	8	9
Electrical outlets	1	2	3	4	5	6	7	8	9
Other (specify)	1	2	3	4	5	6	7	8	9
Other (specify)	1	2	3	4	5	6	7	8	9

INF GR P

From the factors listed in the questions about facilities, services and infrastructure, please select FIVE that are most important to you. List these five below, in order of importance:	
Most important service	
2nd	
3rd	
4th	
5th most important	
INF NB I	

Time matters

What are the hours during which you have free access to your studio?			
24/7	Around 18 hours / day (approx. 06:00 – 22:00)	Normal class hours (approx. 08:00 – 17:00)	Other:
	Do you have this same access over weekends too?		Yes No

HR STU P

Do you spend significantly longer time after hours (after 17:00 and weekends) in the studio, near to project submissions and exam times?	
Yes	No

HR EXM I

Approximately how many hours do you spend in the following ways, in an average week: (please think about this carefully, to give an accurate answer)	
Working in the studio in the evening (17:00 – 22:00) during the week	
Working in the studio at night (after 22:00) during the week	
Working unsupervised in the studio, during the day	
Working in the studio over the weekend	

HR SPE P

How important is it to you, to be able to: (Tick 1 = Not Important, 9 = Very Important):									
Work in the studio in the evenings (17:00 – 22:00) during the week	1	2	3	4	5	6	7	8	9
Work in the studio at night (after 22:00) during the week	1	2	3	4	5	6	7	8	9
Work on projects in the studio rather than at home / res	1	2	3	4	5	6	7	8	9
Work in the studio over the weekend	1	2	3	4	5	6	7	8	9

HR EXM P

What are the major influences on the amount of time, and the time or day / night that you spend working in the studio, apart from formal attendance requirements?

STU FAC I

This section aims to gather information, and your opinions about the

GENERAL CAMPUS ENVIRONMENT

Spending time outdoors

Please rate the quality of the outdoor places where you can work on campus (Tick a box between 1 and 9)										
None available	1	2	3	4	5	6	7	8	9	Excellent

WK OUT P

How important is the availability of comfortable, attractive outdoor working spaces on campus to you? (Tick a box between 1 and 9)										
Not at all	1	2	3	4	5	6	7	8	9	Very important

WK OUT I

Informal campus life

Please rate the overall quality of the facilities available for students to relax and socialise on campus (Tick a box between 1 and 9)										
Poor / none	1	2	3	4	5	6	7	8	9	Excellent

SP CAM P

If the following facilities were available on campus, how often would you be likely to use them? (Or do use them, if they are available?) (1 = Never, 9 = As often as possible)										
	1	2	3	4	5	6	7	8	9	
Cinema										
Ten-pin bowling or similar										
Gym										
Meditation / spiritual space										

SP CAM I

Are there places on your campus, where you can hang out with student friends, outside of class hours?	
Yes	No

SO OUT P

Does the availability of student hangout places on campus influence the time that you spend in studio?	
Yes, I can spend more time in studio because I can take a break on campus and come back without too much disruption	
Yes, I often leave campus altogether because having to leave to take a break is very disruptive to my work	
No, I prefer to separate my social time from my academic life in any case	

SO OUT(Y)I

Safety

How safe do you feel when working, with other students, in studio late at night (i.e. not on your own)? (Tick 1 for "Not safe at all" to 9 for "Very safe")								
1	2	3	4	5	6	7	8	9

SAF NI P

To what extent do general campus safety considerations influence whether you work in studio, at night? (Tick 1 for “Not at all” to 9 for “Very much”)								
1	2	3	4	5	6	7	8	9

SAF NI I

Signage and wayfinding

How easy is it for visitors or new students, to find the architecture building on campus?(Tick a box between 1 - 9)										
Very difficult	1	2	3	4	5	6	7	8	9	Very easy

WAY CAM P

How easy is it for visitors or new students, to find their way around the school? (Tick a box between 1 - 9)										
Very difficult	1	2	3	4	5	6	7	8	9	Very easy

WAY BUI P

How important is good signage on a campus? (Tick a box between 1 and 9)										
Not at all	1	2	3	4	5	6	7	8	9	Very important

WAY CAM I

Finally, please provide us with some anonymous

DEMOGRAPHIC INFORMATION

Which university do you attend?

Please tick the block that applies to you:	Female	Male
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Please tick the block that applies to you: (if you are repeating a subject/s, or straddling years, tick the box for the highest year you are registered for)						
1st year	2nd year	Part time / “year out”	3rd year	BAS Hons / B Tech	M Arch Prof / M Tech	Post graduate

Do you suffer from a physical disability that you believe influences your answers above?	Yes	No
Please specify:		

How do you usually get to campus?					
Own car	University organised transport	Public transport (bus / taxi)	Lift with parent / friend	Student lift club	Other (specify): Post graduate

Do you stay in a University residence?	Yes	No
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End time: _____ h: _____ min (e.g. 14:15)

Thank you! Your effort is appreciated.

ANNEXURE A2

'Questionnaire questionnaire'



Dear student,

RESEARCH PROJECT: IMPORTANCE-PERFORMANCE ASSESSMENT

I am doing a research project for a Masters Degree in Architecture at the University of the Witwatersrand, and would appreciate your participation. Please read the information about the project below, and if you choose to continue, sign the consent agreement at the bottom of the page before completing the questionnaire that follows.

Annemarie Wagener.

BACKGROUND INFORMATION

What is the study about?

It is an acknowledged fact that schools of architecture are seldom good examples of learning place design. The aim of this research project is to develop a research instrument called an Importance-Performance Assessment, which can be used to improve this situation. An IPA measures both your satisfaction with certain conditions, and how important these conditions are to you. An IPA requires a specialised type of questionnaire and good design is central to its success.

What is required of me?

The feedback that you are asked to provide now, is part of the pre-testing process for the design and development of the final IPA questionnaire. You are asked to complete the proposed IPA questionnaire, and then give feedback on your opinions of it by completing this form and possibly discussing your responses with the researcher. Note, that it is not your answers to the IPA questionnaire that are being analysed, but how you answered the questions and experienced answering the questionnaire.

Is participation voluntary and confidential?

Yes. You are *invited* to partake in this research project and only if you sign the consent agreements, will either of your responses be used for research purposes.

The questionnaires are anonymous, and no-one's completed form can be linked to a specific person. Should you agree to provide additional feedback in an interview, that information and any records will be treated as confidential.

The demographic information that you provide will be used to improve contextual understanding of your responses. It is not requested as a means to identify you.

CONSENT

I agree that I understand the purpose of this semi-structured questionnaire, and that I am partaking in this project voluntarily. I give my consent that my answers may be used for the research project (and any interpretation of the outcomes in published form, conference papers, etc.). I also agree that the discussion may be recorded to ensure accuracy of information.

Yes	No
Date: MM / DD / 20YY	
Interviewer (if applicable):	Interview date:

Please use **BLACK INK**, and **MARK EACH CHOICE CLEARLY**, e.g.:

If asked to make a choice, or write a comment, how well should I consider my answer? (1 = Just pick one at random; 9 = Carefully think about it first)										
Just pick one	1	2	3	4	5	6	7	8	9 X	Think carefully

This section aims to gather information, and your opinions about the

DESIGN AND PHYSICAL LAYOUT OF THE IPA QUESTIONNAIRE

With the many possible errors in questionnaire design that can result in inaccurate data, the best prevention is careful testing of the format, sequence, grouping, and composition of the questions.

What is your first impression of the IPA questionnaire form?

Does the IPA cover page serve these important functions: (Tick either "Yes" or "No")		
Explains the purpose of the study clearly	Yes	No
Motivates you to participate in the research project	Yes	No
Explains what is required of you	Yes	No
Convinces you about the confidentiality of your answers	Yes	No

Do you agree with the following statements about the appearance of the IPA questionnaire? (1 = Disagree, 4 = Agree)				
The general page layout is clear	1	2	3	4
The pages are too full	1	2	3	4
The separations between sections are visually effective	1	2	3	4
The headings of sections are helpful in understanding the questions	1	2	3	4
Other (please specify)	1	2	3	4
Other (please specify)	1	2	3	4

RATING SCALE FORMAT

A rating scale is the standardised format which is used for you to rate your opinion about a given factor / statement. In some cases your opinion about a single factor is asked, and in some groups of factors are combined.

Study the three examples of rating scales for single factors (below) as they are used in the IPA questionnaire, and indicate which you prefer: <i>(Tick two: "Most" for the one you prefer most, and "Least" for the one you like least.</i>		
Rating scale format 1	Most	Least
Rating scale format 2	Most	Least
Rating scale format 3	Most	Least

Rating scale format 1:

Indicate your preference for this format, by ticking a box for Rating scale format 1: <i>(Tick "Most" if you prefer this one most, or "Least" if you like this one least</i>								
1	2	3	4	5	6	7	8	9

Rating scale format 2:

Indicate your preference for this format, by ticking a box for Rating scale format 2: <i>(Tick "Most" if you prefer this one most, or "Least" if you like this one least</i>										
None	1	2	3	4	5	6	7	8	9	A lot

Rating scale format 3:

Indicate your preference for this format, by ticking a box for Rating scale format 3: <i>(Tick "Most" if you prefer this one most, or "Least" if you like this one least</i>									
1	2	3	4	5	6	7	8	9	
Not satisfied					Very satisfied				

Group rating scale formats

Study the two examples of group rating scales below as they are used in the IPA questionnaire, and indicate which you prefer most, and which least: <i>(Tick Most for "I prefer this one most" or Least for "I like this one least"</i>		
Group rating scale format 1	Most	Least
Group rating scale format 2	Most	Least

Group rating scale format 1:

In the option list above, indicate which of these group rating scale formats you prefer: <i>(Tick Most for "I prefer this one most" or Least for "I like this one least"</i>									
Factor 1	1	2	3	4	5	6	7	8	9
Factor 2	1	2	3	4	5	6	7	8	9
Factor 3	1	2	3	4	5	6	7	8	9

Group rating scale format 2:

In the option list above, indicate which of these option list formats you prefer: (Tick Most for "I prefer this one most" or Least for "I like this one least")									
	1	2	3	4	5	6	7	8	9
Factor 1									
Factor 2									
Factor 3									

This section aims to gather information, and your opinions about the

SYNTAX AND WORDING

Developing a set of questions may seem like a simple task, but to fulfil their function effectively, questions have to comply with specific requirements.

Wording of questions

Please rate your opinion about the following aspects of the wording of the questions: (Tick 1 = Not a problem, 5 = Too much of it):				
Jargon (technical wording that is not simple and commonly familiar)	1	2	3	4
Conciseness (wording is specific and concrete rather than general and abstract)	1	2	3	4
Ambiguous wording (exact meaning not clear)	1	2	3	4
Complex syntax (sentences not easy to follow)	1	2	3	4
"Double-barrelled" questions (questions that combine two topics)	1	2	3	4
Cueing (the wording of introductions or questions imply that a certain answer is preferred)	1	2	3	4
Other (please specify)	1	2	3	4
Other (please specify)	1	2	3	4

This section aims to gather information, and your opinions about the

QUESTIONNAIRE LENGTH

A careful balance has to be struck between getting all the information the researcher wants, and the amount of time respondents are willing to spend providing it.

Is the IPA questionnaire too long?	
Yes	No

If “yes” please tick which of the following influenced your answer: (Tick the items that apply)	
The topic is not interesting	
There are too many questions	
It is too difficult to understand the questions	
The pages are too full	
There are too many points on the rating scale (9)	
Other (please specify)	
Other (please specify)	

This section aims to gather information, and your opinions about the

QUESTION ORDER

General question order has two major facets: serial order, which relates to the sequence of items; and semantic order, which relates to the sequence of meanings (i.e. the grouping of questions under common topics).

Do you agree with the following statements about the order of the questions? (1 = Totally Disagree, 4 = Totally Agree)				
The opening question (Please give your general opinion of the building that houses your School of Architecture) “sets the stage” by introducing the topic	1	2	3	4
The first set of questions is easy to answer	1	2	3	4
The first set of questions are pleasant to answer	1	2	3	4
There is a smooth progression, or flow in the sequence of questions	1	2	3	4
None of the information required makes me feel uncomfortable	1	2	3	4
	1	2	3	4

If you have reservations about providing any of the information, please point out which it is, and your reason/s for those reservations.

Finally, please provide some

DEMOGRAPHIC INFORMATION

(Reminder: your answers will be treated with complete confidentiality. This information allows us to place your answers within the context of geographic location, variation of opinions between genders, etc.).

Please tick the block that applies to you: (if you are repeating a subject/s, or straddling years, tick the box for the highest year you are registered for)						
1 st year	2 nd year	Part time / “year out”	3 rd year	BAS Hons / B Tech	M Arch Prof / M Tech	Post graduate

ANNEXURE B1

Questionnaire submitted for ethics approval and application documentation

RESEARCH PROJECT: IMPORTANCE-PERFORMANCE ASSESSMENT

\4 research method\4 research questionnaire template 7b IPA\

Dear student,

I am doing a research project for a Masters Degree in Architecture at Wits, and will appreciate if you would assist me by completing this questionnaire. Please read the information about the project below and if you choose to continue, sign the consent agreement at the bottom of the page before completing the questionnaire that follows.

Annemarie Wagener

What is the study about?

It is an acknowledged fact that schools of architecture are seldom good examples of learning place design. This research project aims to develop a research instrument called an Importance-Performance Assessment, which can be used to improve this situation. An IPA measures both your satisfaction with certain conditions, and how important these conditions are to you, as the user of the building.

This questionnaire is part of the pre-testing process for the design and development of the research instrument. Your responses and the ways in which you respond will be analysed, and used to make the final questionnaire better. It may seem to you that some questions are very similar, but that is part of the requirements for this type of survey. Please consider each answer carefully.

Is participation voluntary and anonymous?

Yes. You do *not* have to fill in, or return a questionnaire. Only if you sign the consent agreement below, will your responses be used in the research project.

The questionnaires are anonymous, and no-one's responses can be linked to a specific person. This consent form will be administered separately from the questionnaire.

Why were you selected to participate?

Not all architecture students can be surveyed; therefore third year classes at selected universities are used as "sample" groups.

CONSENT

I understand the purpose of this questionnaire, and I am partaking in this project voluntarily. By signing, I give my consent that my responses may be used for the research project (and any interpretation of the outcomes in published form, conference papers, etc.).

Signed:	Date: DD / MM / 20YY
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Please use **BLACK INK**, and **MARK EACH CHOICE CLEARLY**, e.g.:

	1	2	3	4	X	6	7	
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This section aims to gather information, and your opinions about the

DESIGN AND PHYSICAL LAYOUT OF YOUR SCHOOL AND CAMPUS

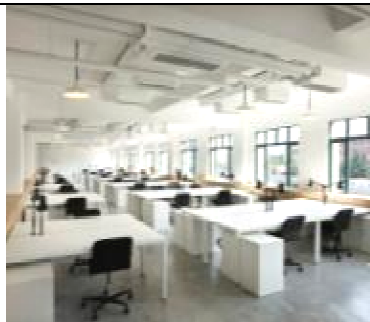
Before continuing: please make sure that you have signed the consent section on the cover page

Spaces and places

Are you satisfied with the provision of the following, within your school:							
	1 = Not satisfied				7 = Very Satisfied		
Working spaces for small groups (of less than 5)	1	2	3	4	5	6	7
Working spaces for big groups (of more than 5)	1	2	3	4	5	6	7
Quiet places where you can work on your own	1	2	3	4	5	6	7
Well-equipped computer laboratories	1	2	3	4	5	6	7
Crit / jury spaces	1	2	3	4	5	6	7
Model building spaces	1	2	3	4	5	6	7
Open spaces for adaptable use	1	2	3	4	5	6	7
Places where students from different years can work together informally	1	2	3	4	5	6	7
Places where all students can relax together	1	2	3	4	5	6	7
Easy access for persons with physical disabilities to all parts of the building	1	2	3	4	5	6	7

SP PRO P

Below are photos of the architecture studios at three universities. Which one is closest to your opinion of what an architecture studio should look like? (Tick a box)


☐

University of Hong Kong Faculty of Architecture Study Centre

<http://rocker-lange.com/blog/wp-content/uploads/2010/03/studio-2-lr.jpg>


☐

Washington University

<http://www.flickr.com/photos/jimmyarch1861/2799378108/>


☐

Illinois Institute of Technology

<http://www.flickr.com/photos/iitugadmission/5352679400/>

How important is the availability of the following types of spaces, to you?							
	1= Not important				7 = Very important		
Small group working spaces (less than 5 people)	1	2	3	4	5	6	7
Large group working spaces (more than 5 people)	1	2	3	4	5	6	7
Quiet places to work on your own	1	2	3	4	5	6	7
Well-equipped computer laboratories	1	2	3	4	5	6	7
Places to build models	1	2	3	4	5	6	7
Open spaces for flexible use	1	2	3	4	5	6	7
Places where all students can work together informally	1	2	3	4	5	6	7
A chill space where students can relax away from teachers	1	2	3	4	5	6	7
A chill space where students can relax together with teachers	1	2	3	4	5	6	7
Access and ease of circulation to persons with physical disabilities	1	2	3	4	5	6	7

SP PRO I

Please rate the performance of your studio facilities:							
	1 = Poor				7 = Excellent		
There is enough space to work on projects	1	2	3	4	5	6	7
The furniture is adequate for its purpose	1	2	3	4	5	6	7
The seating is satisfactory	1	2	3	4	5	6	7
The furniture is well maintained	1	2	3	4	5	6	7
It is possible to individualise spaces	1	2	3	4	5	6	7
The views from the studio are pleasant and interesting	1	2	3	4	5	6	7

STU ST P

How important are the following to you, in relation to your studio?							
	1 = Not important				7 = Very important		
Enough space to work on projects	1	2	3	4	5	6	7
Being able to individualise personal spaces	1	2	3	4	5	6	7
Views to the outside of the building	1	2	3	4	5	6	7
Control over the use of the studio, to prevent damage and abuse of equipment	1	2	3	4	5	6	7

STU ST I

External appearance and positioning

What is your general opinion of the overall design and interior organisation of the building that houses your School of Architecture? Please include a brief explanation.

How much do you agree with these statements about the building in which your school is housed? <i>1 = Completely agree 7 = Completely disagree</i>							
It <i>looks</i> like a building that houses a school of architecture	1	2	3	4	5	6	7
There is a pleasing aesthetic relationship between the building and the surrounding campus	1	2	3	4	5	6	7
The positioning and layout of the building allows for interaction with students from other disciplines	1	2	3	4	5	6	7
The placing of the building works well in relation to the campus around it	1	2	3	4	5	6	7

EX APP P

How important are the following to you? <i>1 = Not important 7 = Very important</i>							
The school building makes an architectural statement	1	2	3	4	5	6	7
The building “fits” well aesthetically with the rest of the campus	1	2	3	4	5	6	7
The design of the building must encourage interaction between students from different disciplines	1	2	3	4	5	6	7
The building Interacts with the campus around it	1	2	3	4	5	6	7

EX AP I

This section aims to gather information, and your opinions about the

INDOOR ENVIRONMENTAL CONDITIONS

Air quality

How satisfied are you with the air quality and ventilation in your studio? (Tick a box between 1 and 7)								
Not satisfied	1	2	3	4	5	6	7	Very satisfied

IN AIR(S) P

How satisfied are you with the air quality and ventilation in the common use areas? (Tick a box between 1 and 7)								
Not satisfied	1	2	3	4	5	6	7	Very satisfied

IN AIR(C) P

Temperature

Which of the following do you prefer in your studio? (Tick one box)			
A controlled HVAC system with sealed windows		Natural ventilation with openable windows and variable environmental conditions	

IN AIR(S) I

How do you experience the temperature in your studio:					
Summer	Too hot		Just right	Too cool	
	1	2	3	4	5
Winter	Too warm		Just right	Too cold	
	1	2	3	4	5

STU TE(S)P STU TE(W)P

To what degree are you willing to give up comfort, for the sake of saving energy? (Tick a box between 1 and 7) Note: there is no "right" or "wrong" answer – just an honest one!								
None	1	2	3	4	5	6	7	A lot

ENG EF I

Acoustics

How troublesome is noise from passages and common areas, inside school teaching spaces? (Tick a box between 1 and 7)								
Not a problem	1	2	3	4	5	6	7	Very

IN ACO P

How true is this statement: "I cannot work in a noisy environment"? (Tick a box between 1 and 7)								
Not at all: noise does not bother me	1	2	3	4	5	6	7	I can't concentrate at all when there's noise

IN ACO I

Lighting

Are the <u>natural</u> lighting conditions in your studio satisfactory? (Tick a box between 1 = Very Unsatisfactory and 7 = Very Satisfactory)								
Not at all	1	2	3	4	5	6	7	Very

NA LIG P

Are the <u>artificial</u> lighting conditions in your studio satisfactory? (Tick a box between 1 = Very Unsatisfactory and 7 = Very Satisfactory)								
Not at all	1	2	3	4	5	6	7	Very

AR LIG P PER LIG I

How important is optimal lighting conditions to you – do you make an effort to get it "just right", or do you not really notice? (Tick a box between 1 and 7)								
Don't notice	1	2	3	4	5	6	7	"Just right"

Other

Are there any other environmental conditions which apply to your studio (e.g. humidity)? Please list these, and indicate your level of satisfaction (1 = Very Poor 7 = Very Good):

Environmental factor	1	2	3	4	5	6	7

ENV OT P

This section aims to gather information, and your opinions about

INFRASTRUCTURE AND FINISHES

Please indicate your satisfaction with the following infrastructural elements in the school							
	1 = Not satisfactory at all 7 = Excellent						
Floor finishes	1	2	3	4	5	6	7
Wall finishes	1	2	3	4	5	6	7
Ceiling finishes	1	2	3	4	5	6	7
Pinning boards (quality)	1	2	3	4	5	6	7
Pinning boards (number)	1	2	3	4	5	6	7
Lighting in passages	1	2	3	4	5	6	7
Access to Internet	1	2	3	4	5	6	7
Access to Wi-Fi	1	2	3	4	5	6	7
Safe storage of personal property	1	2	3	4	5	6	7
Electrical outlets for student use	1	2	3	4	5	6	7
Access control to school	1	2	3	4	5	6	7
Other (specify)	1	2	3	4	5	6	7

INF GR P

INF NB I

From all the factors listed in the questions about facilities, services and infrastructure, please select those FIVE that are most important to you. List these five below, in order of importance:	
Most important service:	
2nd:	
3rd:	
4th:	
5th most important:	

Time matters

What are the hours during which you have <u>free</u> access to your studio?			
24/7	Around 18 hours / day (approx. 06:00 – 22:00)	Normal class hours (approx. 08:00 – 17:00)	Other:
Do you have this same access over weekends too?			Yes No

HR STU P

Do you spend more time after hours (after 17:00 and weekends) in the studio, near to project submissions and exam times?	Yes	No
--	-----	----

HR EXM I

Approximately how many hours do you spend in the following ways, in an <u>average, middle-of-the-term week</u>: (Note: There is no “right” answer, just an honest one!)	
Working in the studio in the evening (17:00 – 22:00) during the week	
Working in the studio at night (after 22:00) during the week	
Working unsupervised in the studio, during the day	
Working in the studio over the weekend	
Working elsewhere on campus (e.g. library)	

HR SPE P

How important is it to you, to be able to:	<i>1 = Not Important 7= Very Important</i>						
Work in the studio in the evenings (17:00 – 22:00) during the week	1	2	3	4	5	6	7
Work in the studio at night (after 22:00) during the week	1	2	3	4	5	6	7
Work on projects in the studio rather than at home / res	1	2	3	4	5	6	7
Work in the studio over the weekend	1	2	3	4	5	6	7

HR EXM P

Do you feel under pressure to spend more time in the studio, than what you already do?	Yes	No
---	-----	----

HR PRE P

What are the major influences on the time that you spend working in the studio, apart from formal attendance requirements? *(Both number of hours, and time of hours – day time, night, weekends, etc.)*

STU FAC I

This section aims to gather information, and your opinions about the

GENERAL CAMPUS ENVIRONMENT

Spending time outdoors

Please rate the quality of the outdoor places where you can work on campus <i>(Tick a box between 1 and 7)</i>								
None available	1	2	3	4	5	6	7	Excellent

WK OUT P

How important is the availability of comfortable, attractive outdoor working spaces on campus to you? <i>(Tick a box between 1 and 7)</i>								
Not at all	1	2	3	4	5	6	7	Very important

Informal campus life

Please rate the overall quality of the facilities available for students to relax and socialise on campus (Tick a box between 1 and 7)								
Poor / none	1	2	3	4	5	6	7	Excellent

SP CAM P

If the following facilities were available on campus, how often would you be likely to use them? (Or do use them, if they are available?)								
	<i>1 = Never</i>			<i>7 = As often as possible</i>				
Cinema	1	2	3	4	5	6	7	
Ten-pin bowling or similar	1	2	3	4	5	6	7	
Gym	1	2	3	4	5	6	7	
Meditation / spiritual space	1	2	3	4	5	6	7	

SP CAM I

SO OUT(Y)I

Do you agree with the following statements? (Tick Agree or Disagree for each)		
I do not spend as much time in the studio as I would like, because I have to leave the campus to take a break or get something to eat and I seldom return afterwards.	Agree	Disagree
It is a real problem for me that there are not facilities to allow me to work long hours in studio, because where I live, is not suitable for working on my projects.	Agree	Disagree
I do most of my work in studio because I enjoy working with other students.	Agree	Disagree
I work on group projects in studio, but prefer doing individual projects on my own.	Agree	Disagree
It makes no difference to me whether there are student support facilities on campus because I prefer to work at home / in res, and not in studio.	Agree	Disagree

Safety

To what extent do general campus safety considerations influence whether you work in studio, at night? (Tick a box between 1 and 7)								
Not at all	1	2	3	4	5	6	7	Very much

SAF NI I

How safe do you feel when working with other students, in studio late at night? (Tick a box between 1 and 7)								
Not safe at all	1	2	3	4	5	6	7	Very safe

SAF GR P

How safe do you feel when working on your own, in studio late at night? (Tick a box between 1 and 7)								
Not safe at all	1	2	3	4	5	6	7	Very safe

SAF IN P

Signage and way-finding

How easy is it for visitors or new students to find the architecture building on campus? <i>(Tick a box between 1 - 7)</i>								
Very difficult	1	2	3	4	5	6	7	Very easy

WAY CAM P

How easy is it for visitors or new students, to find their way around the school? <i>(Tick a box between 1 - 7)</i>								
Very difficult	1	2	3	4	5	6	7	Very easy

WAY BUI P

How important is good signage on a campus? <i>(Tick a box between 1 - 7)</i>								
Not at all	1	2	3	4	5	6	7	Very important

WAY CAM I

Finally, please provide some anonymous

DEMOGRAPHIC INFORMATION

to permit your responses to be analysed in a broader context.

Which university do you attend?
--

Please tick the block that applies to you:	Female	Male
---	--------	------

Please tick the block that applies to you: <i>(if you are repeating a subject/s, or straddling years, tick the box for the highest year you are registered for)</i>						
1 st year	2 nd year	3 rd year	Part time (3 or less subjects) under grad	BAS Hons / B Tech	M Arch Prof / M Tech	Post graduate

Do you suffer from a physical disability that you believe influences your answers above?	Yes	No
Please specify:		

How do you usually get to campus?					
Own car	University organised transport	Public transport (bus / taxi)	Lift with parent / friend	Student lift club	Other (specify):

Do you stay in a University residence?	Yes	No
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From: Sushiel Naidoo [mailto:Sushiel.Naidoo@wits.ac.za]
Sent: 19 December 2011 03:13 PM
To: Wagener, Annemarie
Cc: Daniel Irurah
Subject: H111133

Dear Ms Wagener

Please be advised that your submission for the above protocol has been approved at our meeting held on 11 November 2011 subject to the following:

Applicant to Amend:

- A separate, 1-page information sheet is required that can be kept by participants.
- Please outline potential risks and benefits within the information sheet
- Separate consent is required for recording.

Applicant to Explain:

- Do you require permission letters from the institutions you wish to engage with?
- How will information sessions with potential participants be carried out? Describe how can consent be assured (e.g. if delivering the questionnaire in a lecture setting).
- Please provide details of the proposed methods: there appears to be some confusion. I see 2 questionnaires but no interview guide. Yet the application indicates that there will be both a questionnaire and then interviews and a group discussion.
- Explain confidentiality and anonymity: will group discussions take place?
- Explain how the research data will be kept secure.
- Research findings should be made available to participants and to the institutions involved.

Please can you bring your response to queries in hard copies to my office, in order for me to expedite your full approval for your research protocol.

Warm Regards'

Sushi Naidoo

*Animal Ethics, Human Research Ethics (Non-Medical), &
University Research Committee*

ANNEXURE B2

Questionnaire administered at University A and University B

RESEARCH PROJECT: IMPORTANCE-PERFORMANCE ASSESSMENT

Dear student,

I am doing a research project for a Masters Degree in Architecture and will appreciate if you would assist me by completing this questionnaire. Please read the information about the project below and if you choose to continue, sign the consent agreement at the bottom of the page before completing the questionnaire that follows.

Annemarie Wagener

What is the study about?

It is an acknowledged fact that schools of architecture are seldom good examples of learning place design. This research project aims to develop a research instrument called an Importance-Performance Assessment, which can be used to improve this situation. An IPA measures both your satisfaction with certain conditions, and how important these conditions are to you.

This questionnaire is part of the pre-testing process for the design and development of the research instrument. Your responses and the ways in which you respond will be analysed, and used to make the final questionnaire better. It may seem to you that some questions are very similar, but that is part of the requirements for this type of survey. Please consider each answer carefully.

Is participation voluntary and anonymous?

Yes. You do *not* have to fill in, or return a questionnaire. Only if you sign the consent agreement below, will your responses be used in the research project.

The questionnaires are anonymous, and no-one's responses can be linked to a specific person. This consent form will be administered separately from the questionnaire.

Why were you selected to participate?

Not all architecture students can be surveyed; therefore third year classes at selected universities are used as "sample" groups.

CONSENT

I understand the purpose of this questionnaire, and I am partaking in this project voluntarily. By signing, I give my consent that my responses may be used for the research project (and any interpretation of the outcomes in published form, conference papers, etc.).

Signed:	Date: DD / MM / 20YY
---------	----------------------

Please use BLACK INK, and MARK EACH CHOICE CLEARLY, e.g.:

	1	2	3	4	X	6	7	
--	---	---	---	---	----------	---	---	--

This section aims to gather information, and your opinions about the

DESIGN AND PHYSICAL LAYOUT OF YOUR SCHOOL AND CAMPUS

Before continuing: have you signed the consent section on the cover page?

Spaces and places

Are you satisfied with the provision of the following, within your school:							
	1 = Not satisfied				7 = Very Satisfied		
Working spaces for small groups (of less than 5)	1	2	3	4	5	6	7
Working spaces for big groups (of more than 5)	1	2	3	4	5	6	7
Quiet places where you can work on your own	1	2	3	4	5	6	7
Well-equipped computer laboratories	1	2	3	4	5	6	7
Crit / jury spaces	1	2	3	4	5	6	7
Model building spaces	1	2	3	4	5	6	7
Open spaces for adaptable use	1	2	3	4	5	6	7
Places where students from different years can work together informally	1	2	3	4	5	6	7
Places where all students can relax together	1	2	3	4	5	6	7
Easy access for persons with physical disabilities to all parts of the building	1	2	3	4	5	6	7

SP PRO P

Below are photos of the architecture studios at three universities. Which one is closest to your opinion of what an architecture studio should look like? (Tick a box)

 ☐	 ☐	 ☐
University of Hong Kong Faculty of Architecture Study Centre http://rocker-lange.com/blog/wp-content/uploads/2010/03/studio-2-lr.jpg	Washington University http://www.flickr.com/photos/jimmyarch1861/2799378108/	Illinois Institute of Technology http://www.flickr.com/photos/iitugadmission/5352679400/

STU CH I

How important is the availability of the following types of spaces, to you?							
	1= Not important				7 = Very important		
Small group working spaces (less than 5 people)	1	2	3	4	5	6	7
Large group working spaces (more than 5 people)	1	2	3	4	5	6	7
Quiet places to work on your own	1	2	3	4	5	6	7
Well-equipped computer laboratories	1	2	3	4	5	6	7
Places to build models	1	2	3	4	5	6	7
Open spaces for flexible use	1	2	3	4	5	6	7
Places where all students can work together informally	1	2	3	4	5	6	7
A chill space where students can relax away from teachers	1	2	3	4	5	6	7
A chill space where students can relax together with teachers	1	2	3	4	5	6	7
Access and ease of circulation to persons with physical disabilities	1	2	3	4	5	6	7

SP PRO I

Please rate the performance of your studio facilities:							
	1 = Poor				7 = Excellent		
There is enough space to work on projects	1	2	3	4	5	6	7
The furniture is adequate for its purpose	1	2	3	4	5	6	7
The seating is satisfactory	1	2	3	4	5	6	7
The furniture is well maintained	1	2	3	4	5	6	7
It is possible to individualise spaces	1	2	3	4	5	6	7
The views from the studio are pleasant and interesting	1	2	3	4	5	6	7

STU ST P

How important are the following to you, in relation to your studio?							
	1 = Not important				7 = Very important		
Enough space to work on projects	1	2	3	4	5	6	7
Being able to individualise personal spaces	1	2	3	4	5	6	7
Views to the outside of the building	1	2	3	4	5	6	7
Control over the use of the studio, to prevent damage and abuse of equipment	1	2	3	4	5	6	7

STU ST I

External appearance and positioning

What is your general opinion of the overall design and interior organisation of the building that houses your School of Architecture? Please include a brief explanation.

How much do you agree with these statements about the building in which your school is housed? <i>1 = Completely agree 7 = Completely disagree</i>							
It <i>looks</i> like a building that houses a school of architecture	1	2	3	4	5	6	7
There is a pleasing aesthetic relationship between the building and the surrounding campus	1	2	3	4	5	6	7
The positioning and layout of the building allows for interaction with students from other disciplines	1	2	3	4	5	6	7
The placing of the building works well in relation to the campus around it	1	2	3	4	5	6	7

EX APP P

How important are the following to you? <i>1 = Not important 7 = Very important</i>							
The school building makes an architectural statement	1	2	3	4	5	6	7
The building “fits” well aesthetically with the rest of the campus	1	2	3	4	5	6	7
The design of the building must encourage interaction between students from different disciplines	1	2	3	4	5	6	7
The building Interacts with the campus around it	1	2	3	4	5	6	7

EX AP I

This section aims to gather information, and your opinions about the

INDOOR ENVIRONMENTAL CONDITIONS

Air quality

How satisfied are you with the air quality and ventilation in your studio? (Tick a box between 1 and 7)								
Not satisfied	1	2	3	4	5	6	7	Very satisfied

IN AIR(S) P

How satisfied are you with the air quality and ventilation in the common use areas? (Tick a box between 1 and 7)								
Not satisfied	1	2	3	3	5	6	7	Very satisfied

IN AIR(C) P

Temperature

Which of the following do you prefer in your studio? (Tick one box)			
A controlled HVAC system with sealed windows		Natural ventilation with openable windows and variable environmental conditions	

IN AIR(S) I

How do you experience the temperature in your studio:					
Summer	Too hot		Just right	Too cool	
	1	2	3	4	5
Winter	Too warm		Just right	Too cold	
	1	2	3	4	5

STU TE(S)P STU TE(W)P

To what degree are you willing to give up comfort, for the sake of saving energy? (Tick a box between 1 and 7) Note: there is no "right" or "wrong" answer – just an honest one!								
None	1	2	3	4	5	6	7	A lot

ENG EF I

Acoustics

How troublesome is noise from passages and common areas, inside school teaching spaces? (Tick a box between 1 and 7)								
Not a problem	1	2	3	4	5	6	7	Very

IN ACO P

How true is this statement: "I cannot work in a noisy environment"? (Tick a box between 1 and 7)								
Not at all: noise does not bother me	1	2	3	4	5	6	7	I can't concentrate at all when there's noise

IN ACO I

Lighting

Are the <u>natural</u> lighting conditions in your studio satisfactory? (Tick a box between 1 = Very Unsatisfactory and 7 = Very Satisfactory)								
Not at all	1	2	3	4	5	6	7	Very

NA LIG P

Are the <u>artificial</u> lighting conditions in your studio satisfactory? (Tick a box between 1 = Very Unsatisfactory and 7 = Very Satisfactory)								
Not at all	1	2	3	4	5	6	7	Very

AR LIG P PER LIG I

How important is optimal lighting conditions to you – do you make an effort to get it "just right", or do you not really notice? (Tick a box between 1 and 7)								
Don't notice	1	2	3	4	5	6	7	"Just right"

Other

Are there any other environmental conditions which apply to your studio (e.g. humidity)? Please list these, and indicate your level of satisfaction (1 = Very Poor 7 = Very Good):

Environmental factor	1	2	3	4	5	6	7

ENV OT P

This section aims to gather information, and your opinions about

INFRASTRUCTURE AND FINISHES

Please indicate your satisfaction with the following infrastructural elements in the school							
	1 = Not satisfactory at all 7 = Excellent						
Floor finishes	1	2	3	4	5	6	7
Wall finishes	1	2	3	4	5	6	7
Ceiling finishes	1	2	3	4	5	6	7
Pinning boards (quality)	1	2	3	4	5	6	7
Pinning boards (number)	1	2	3	4	5	6	7
Lighting in passages	1	2	3	4	5	6	7
Access to Internet	1	2	3	4	5	6	7
Access to Wi-Fi	1	2	3	4	5	6	7
Safe storage of personal property	1	2	3	4	5	6	7
Electrical outlets for student use	1	2	3	4	5	6	7
Access control to school	1	2	3	4	5	6	7
Other (specify)	1	2	3	4	5	6	7

INF GR P

INF NB I

From all the factors listed in the questions about facilities, services and infrastructure, please select those FIVE that are most important to you. List these five below, in order of importance:	
Most important service:	
2nd:	
3rd:	
4th:	
5th most important:	

Time matters

What are the hours during which you have <u>free</u> access to your studio?			
24/7	Around 18 hours / day (approx. 06:00 – 22:00)	Normal class hours (approx. 08:00 – 17:00)	Other:
Do you have this same access over weekends too?		Yes	No

HR STU P

Do you spend more time after hours (after 17:00 and weekends) in the studio, near to project submissions and exam times?	Yes	No
--	-----	----

HR EXM I

Approximately how many hours do you spend in the following ways, in an <u>average, middle-of-the-term week</u>: (Note: There is no “right” answer, just an honest one!)	
Working in the studio in the evening (17:00 – 22:00) during the week	
Working in the studio at night (after 22:00) during the week	
Working unsupervised in the studio, during the day	
Working in the studio over the weekend	
Working elsewhere on campus (e.g. library)	

HR SPE P

How important is it to you, to be able to:							
	<i>1 = Not Important</i>				<i>7 = Very Important</i>		
Work in the studio in the evenings (17:00 – 22:00) during the week	1	2	3	4	5	6	7
Work in the studio at night (after 22:00) during the week	1	2	3	4	5	6	7
Work on projects in the studio rather than at home / res	1	2	3	4	5	6	7
Work in the studio over the weekend	1	2	3	4	5	6	7

HR EXM P

Do you feel under pressure to spend more time in the studio, than what you already do?	Yes	No
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HR PRE P

What are the major influences on the time that you spend working in the studio, apart from formal attendance requirements? (*Both number of hours, and time of hours – day time, night, weekends, etc.*)

STU FAC I

This section aims to gather information, and your opinions about the

GENERAL CAMPUS ENVIRONMENT

Spending time outdoors

Please rate the quality of the outdoor places where you can work on campus (<i>Tick a box between 1 and 7</i>)								
None available	1	2	3	4	5	6	7	Excellent

WK OUT P

How important is the availability of comfortable, attractive outdoor working spaces on campus to you? (Tick a box between 1 and 7)								
Not at all	1	2	3	4	5	6	7	Very important

WK OUT I

Informal campus life

Please rate the overall quality of the facilities available for students to relax and socialise on campus (Tick a box between 1 and 7)								
Poor / none	1	2	3	4	5	6	7	Excellent

SP CAM P

If the following facilities were available on campus, how often would you be likely to use them? (Or do use them, if they are available?)								
	1 = Never				7 = As often as possible			
Cinema	1	2	3	4	5	6	7	
Ten-pin bowling or similar	1	2	3	4	5	6	7	
Gym	1	2	3	4	5	6	7	
Meditation / spiritual space	1	2	3	4	5	6	7	

SP CAM I

SO OUT(Y)I

Do you agree with the following statements? (Tick Agree or Disagree for each)		
I do not spend as much time in the studio as I would like, because I have to leave the campus to take a break or get something to eat and I seldom return afterwards.	Agree	Disagree
It is a real problem for me that there are not facilities to allow me to work long hours in studio, because where I live, is not suitable for working on my projects.	Agree	Disagree
I do most of my work in studio because I enjoy working with other students.	Agree	Disagree
I work on group projects in studio, but prefer doing individual projects on my own.	Agree	Disagree
It makes no difference to me whether there are student support facilities on campus because I prefer to work at home / in res, and not in studio.	Agree	Disagree

Safety

To what extent do general campus safety considerations influence whether you work in studio, at night? (Tick a box between 1 and 7)								
Not at all	1	2	3	4	5	6	7	Very much

SAF NI I

How safe do you feel when working with other students, in studio late at night? (Tick a box between 1 and 7)								
Not safe at all	1	2	3	4	5	6	7	Very safe

SAF GR P

How safe do you feel when working on your own, in studio late at night? (Tick a box between 1 and 7)								
Not safe at all	1	2	3	4	5	6	7	Very safe

SAF IN P

Signage and way-finding

How easy is it for visitors or new students to find the architecture building on campus? (Tick a box between 1 - 7)								
Very difficult	1	2	3	4	5	6	7	Very easy

WAY CAM P

How easy is it for visitors or new students, to find their way around the school? (Tick a box between 1 - 7)								
Very difficult	1	2	3	4	5	6	7	Very easy

WAY BUI P

How important is good signage on a campus? (Tick a box between 1 - 7)								
Not at all	1	2	3	4	5	6	7	Very important

WAY CAM I

Finally, please provide some anonymous

DEMOGRAPHIC INFORMATION

to permit your responses to be analysed in a broader context.

Which university do you attend?
--

Please tick the block that applies to you:				Female	Male	
Please tick the block that applies to you: (if you are repeating a subject/s, or straddling years, tick the box for the highest year you are registered for)						
1 st year	2 nd year	3 rd year	Part time (3 or less subjects) under grad	BAS Hons / B Tech	M Arch Prof / M Tech	Post graduate

Do you suffer from a physical disability that you believe influences your answers above?	Yes	No
Please specify:		

How do you usually get to campus?					
Own car	University organised transport	Public transport (bus / taxi)	Lift with parent / friend	Student lift club	Other (specify):

Do you stay in a University residence?	Yes	No
---	-----	----

ANNEXURE B3

Questionnaire administered at University C

[Significant alternations summarised]

REVISIONS TO QUESTIONNAIRE FOR IMPLEMENTATION AT UNIVERSITY C

1 The following introduction was included:

Geagte student,

EK is tans besig met 'n navorsingsprojek gekoppel aan 'n M Arch by Wits. Ek sal dit waardeer as jy my sal help deur hierdie vraelys in te vul. Lees asseblief die informasie hieronder en as jy instem om voort te gaan, teken onderaan die bladsy.

Die vraelys neem ± 20 minute om in te vul.

Dankie,

Annemarie Wagener

2. The section on wayfinding was omitted.

3. The questions on demographics were revised:

SAF IN P

Which university do you attend?	TUT	UJ	UFS	Wits
---------------------------------	-----	----	-----	------

UNI D

Please cross the block that applies to you:	Female	Male
---	--------	------

GEND D

Please cross the block that applies to you: (if you are repeating a subject/s, or straddling years, cross the box for the highest year you are registered for)						
1 st year	2 nd year	3 rd year	Part time (3 or less subjects) under graduate	BAS Hons / B Tech	M Arch Prof / M Tech	Post graduate
Full time	Full time	Full time				

YEAR D

In which age group do you fall?			
18 – 20 years	21 – 24 years	25 – 30 years	30 + years

AGE D

Do you suffer from a physical disability that you believe influences your answers above?	Yes	No
Please specify:		

PHYS D

How do you usually get to campus?					
Own car	University organised transport	Public transport (bus / taxi)	Lift with parent / friend	Student lift club	Other (specify):

TRANS D

Where do you stay during the academic year?	Parents' home	Own home / flat	University residence	Commune / digs
---	---------------	-----------------	----------------------	----------------

HOME

ANNEXURE B4

Questionnaire administered at University D

[Significant alternations summarised]

REVISIONS TO QUESTIONNAIRE FOR IMPLEMENTATION AT UNIVERSITY D (BASED ON QUESTIONNAIRE FOR UC)

1. The instruction for the following section pointed out that information was gathered about the existing school facilities:

External appearance and positioning

What is your general opinion of the overall design and interior organisation of the building that houses your “current” School of Architecture? Please include a brief explanation.

2. Importance and performance data were gathered about the new building under construction:

How much do you agree with these statements about the new building in which your school is to be housed?

1 = Completely disagree 7 = Completely agree

EX AP I

This section aims to gather information, and your opinions about the

INDOOR ENVIRONMENTAL CONDITIONS

Performance scales omitted.

Air quality

Which of the following is preferable for your studio?

A controlled HVAC system with sealed windows		Natural ventilation with openable windows and variable environmental conditions	
--	--	---	--

IN AIR(S) I

Acoustics and noise

How true is this statement for you: “I cannot work in a noisy environment”?

Not at all: noise does not bother me	1	2	3	4	5	6	7	I can't concentrate at all when there's noise
--------------------------------------	---	---	---	---	---	---	---	---

IN ACO I

Lighting

How important is optimal lighting conditions to you – do you make an effort to get it “just right”, or do you not really notice?

Don't notice	1	2	3	4	5	6	7	“Just right”
--------------	---	---	---	---	---	---	---	--------------

Finally, please provide some anonymous

DEMOGRAPHIC INFORMATION

to permit your responses to be analysed in an accurate context.

How do you usually get to campus?						
Own car	University organised transport	Public transport (bus / taxi)	Drop-off by parent / friend	Student lift club	Motorbike / scooter	Other (specify):

TRANS D

ANNEXURE C

In-house questionnaire: The Third Year Experience, University A

UNIVERSITY “A”**FACULTY OF (removed)****SURVEY: THIRD YEAR STUDENTS 2011**

The purpose of this survey is to evaluate your experience as a second year student at (removed). To protect the validity of the research, your contribution will remain anonymous.

NOTE: Indicate your choice of answer by circling or ticking the shaded boxes.

A. PERSONAL PROFILE

Please indicate the programme you are enrolled for in the table below:

<i>Architectural Technology</i>	<i>Clothing Management</i>	<i>Fashion</i>
<i>Fine Art</i>	<i>Graphic Design</i>	<i>Interior Design</i>
<i>Jewellery Design& Manufacture</i>	<i>Multimedia</i>	<i>Three-dimensional design</i>

1. In what year did you first register for this programme?
2. How many first year modules are you doing this year?
3. How many second year modules are you doing this year?
4. How many third year modules are you doing this year?

5. Has the programme you enrolled for met your expectations?	Yes	No
6. If the programme has not met your expectations, give reasons why not:		
7. Would you recommend the FADA programme you enrolled for to others?	Yes	No
8. Would you recommend any of the other FADA programmes to others?	Yes	No

B. DEPARTMENTAL ADMINISTRATION

1. Does the departmental secretary provide useful information on your enquiries?	Alwa ys	Some times	Never	
2. How many of your lecturers publish their consultation times?				
3. How many times have you consulted your lecturers during their consultation time?	Never	Less than 10 times	10-20 times	More than 20 times
4. How many times have you consulted your tutor this year?	Never	Less than 10 times	10-20 times	More than 20 times
5. Do you know who your year coordinator is?	Yes	No		
6. Did you consult your year coordinator this year?	Yes	No		

7. Are your problems attended to by your year coordinator?	<i>Always</i>	<i>Some times</i>	<i>Never</i>
8. Did you consult your Head of Department (HOD) this year?	<i>Yes</i>	<i>No</i>	
9. Do you receive your project assessments results within 2 weeks?	<i>Always</i>	<i>Some times</i>	<i>Never</i>
10. Did you receive feedback on your project assessments?	<i>Always</i>	<i>Some times</i>	<i>Never</i>

C. FACULTY MATTERS

1. Do you receive feedback from your class representative?	<i>Yes</i>	<i>No</i>		
2. Do you receive feedback from the student forum?	<i>Yes</i>	<i>No</i>		
3. Are you aware of the procedure to be followed to gain access to the building after hours?	<i>Yes</i>	<i>No</i>		
4. How many times have you accessed the building to use the facilities after hours?	<i>Never</i>	<i>Less than 10 times</i>	<i>10-20 times</i>	<i>More than 20 times</i>
5. How many Friday School Talks did you attend this year?	<i>Never</i>	<i>Less than 10 times</i>	<i>10-20 times</i>	<i>More than 20 times</i>
6. How many FADA Gallery exhibitions did you go to see this year?	<i>Never</i>	<i>Less than 5 times</i>	<i>5-10 times</i>	<i>More than 10 times</i>
7. Do you obtain your financial statements from the student portal?	<i>Yes</i>	<i>No</i>		
8. Do you make electronic payments on the student portal?	<i>Yes</i>	<i>No</i>		
9. Where do you do your printing?	<i>Off campus</i>	<i>Con Cowan</i>	<i>Department</i>	<i>Library</i>
10. How often do you visit the Library?	<i>Never</i>	<i>A few times a month</i>	<i>A few times a week</i>	<i>Every day</i>
11. How often do you make use of the Con Cowan Labs?	<i>Never</i>	<i>A few times a month</i>	<i>A few times a week</i>	<i>Every day</i>

D. GENERAL MATTERS

1. How often have you made use of PsyCad?	<i>Never</i>	<i>A few times a month</i>	<i>A few times a week</i>	<i>Every day</i>
2. Have you been referred to the Writing Centre this year?	<i>Yes</i>	<i>No</i>		
3. Did you go to the Writing centre this year?	<i>Yes</i>	<i>No</i>		
4. How often do you participate in activities with UJ Arts and Culture (including the Arts Centre)?	<i>Never</i>	<i>A few times a month</i>	<i>A few times a week</i>	<i>Every day</i>
5. How often do you visit the Design Café?	<i>Never</i>	<i>A few times a month</i>	<i>A few times a week</i>	<i>Every day</i>

6. Indicate which of the following social networks you use:

*Face
book*

*My
Space*

Twitter

SMS

E. WHAT DO YOU THINK IS THE FUNCTION OF THE YEAR-END STUDENT EXHIBITION?

F. ANY OTHER SUGGESTIONS TO IMPROVE STUDENT EXPERIENCE AT (removed)

Thank you for taking part in the survey.

ANNEXURE D

AUDE / hefce Template

TEMPLATE 6: Sample Occupant survey Questionnaire

This questionnaire is about occupant reaction to their environment.

This is a basic questionnaire which can be used to explore user reactions to a building or part of the building. The General section is about the respondent, the Location section is about responses to the building or campus in general and reveals insights about the respondent's wellbeing. The Final section is about specific locations and should be copied for each location that the review is to cover.

However, many situations will have unique characteristics and these will need to be added.

There is merit in keeping the core of your questionnaire the same with project specific attributes being added in another section. This is so that it can be used across an estate in different buildings and comparisons can be made.

Occupancy Questionnaire

Institution:

Building address:

Date:

Time:

Focus of review (if part of a building):

Introduction

We are conducting an evaluation of your building to assess how well it performs for those who occupy it. This information will be used to assess areas that need improvement, provide feedback for similar buildings and projects and to help us better manage the environment.

Responses are anonymous. Please answer all the relevant questions.

General

1. Gender

Male

Female

(Please tick)

2. Occupation (Please tick most relevant or state in 'other')

Administrative staff

Researcher

Lecturer

Student

Other:

Full-time

Part time

3. Time in building

a. How long do you spend in the building during the day?

(Please tick)

Hours	>1	1-2	3-4	5-6	7-8	>8
-------	----	-----	-----	-----	-----	----

4. Hours at VDU

a. How long do you spend working at a computer (average hours per day)

(Please tick)

Hours	>1	1-2	3-4	5-6	7-8	>8
-------	----	-----	-----	-----	-----	----

Location in building

5. Location

In an average week how much time do you spend in the following types of space? (If you are a student assume during term time)

a: Office (Please tick)

Hours	0-5	6-10	11-15	16-20	21-25	26-30	31-35	>35
-------	-----	------	-------	-------	-------	-------	-------	-----

b: Lecture room (Please tick)

Hours	0-5	6-10	11-15	16-20	21-25	26-30	31-35	>35
-------	-----	------	-------	-------	-------	-------	-------	-----

c: Laboratory (Please tick)

Hours	0-5	6-10	11-15	16-20	21-25	26-30	31-35	>35
-------	-----	------	-------	-------	-------	-------	-------	-----

d: Library (Please tick)

Hours	0-5	6-10	11-15	16-20	21-25	26-30	31-35	>35
-------	-----	------	-------	-------	-------	-------	-------	-----

e: Café (Please tick)

Hours	0-5	6-10	11-15	16-20	21-25	26-30	31-35	>35
-------	-----	------	-------	-------	-------	-------	-------	-----

f: Other (Please state)

.....

Hours	0-5	6-10	11-15	16-20	21-25	26-30	31-35	>35
-------	-----	------	-------	-------	-------	-------	-------	-----

5. Please rate the overall quality of the following areas:

(Please tick)

a: Office	Poor	1	2	3	4	5	6	7	Excellent
-----------	------	---	---	---	---	---	---	---	-----------

b: Lecture room	Poor	1	2	3	4	5	6	7	Excellent
-----------------	------	---	---	---	---	---	---	---	-----------

c: Laboratory	Poor	1	2	3	4	5	6	7	Excellent
---------------	------	---	---	---	---	---	---	---	-----------

d: Library	Poor	1	2	3	4	5	6	7	Excellent
------------	------	---	---	---	---	---	---	---	-----------

e: Café	Poor	1	2	3	4	5	6	7	Excellent
---------	------	---	---	---	---	---	---	---	-----------

f: Other (Please state):

.....

Poor	1	2	3	4	5	6	7	Excellent
------	---	---	---	---	---	---	---	-----------

Building Generally

6. Security

a. Personal safety: How safe do you feel in the building?

(Please tick)

Unsafe	1	2	3	4	5	6	7	Very safe
--------	---	---	---	---	---	---	---	-----------

b. What aspects of the environment contribute to feeling safe?

i). Visibility of security personnel

(Please tick)

Not significant	1	2	3	4	5	6	7	Very significant
-----------------	---	---	---	---	---	---	---	------------------

ii). Access control to the building

Not significant	1	2	3	4	5	6	7	Very significant
-----------------	---	---	---	---	---	---	---	------------------

iii). Security zoning (access controls to parts of building)

Not significant	1	2	3	4	5	6	7	Very significant
-----------------	---	---	---	---	---	---	---	------------------

iv). Lighting

Not significant	1	2	3	4	5	6	7	Very significant
-----------------	---	---	---	---	---	---	---	------------------

v) Spatial configuration (i.e. relatively large uncluttered spaces)

Not significant	1	2	3	4	5	6	7	Very significant
-----------------	---	---	---	---	---	---	---	------------------

7. Accessibility (can you get into it, can you get around the building / campus easily)

a). How accessible is the building from the street i.e. to the reception door?

(Please tick)

Not accessible	1	2	3	4	5	6	7	Very accessible
----------------	---	---	---	---	---	---	---	-----------------

b). How easy is vertical circulation?

Very difficult	1	2	3	4	5	6	7	Very easy
----------------	---	---	---	---	---	---	---	-----------

c). How easy is horizontal circulation?

Very difficult	1	2	3	4	5	6	7	Very easy
----------------	---	---	---	---	---	---	---	-----------

8. Cleanliness

How clean is the building?

(Please tick)

Dirty	1	2	3	4	5	6	7	Clean
-------	---	---	---	---	---	---	---	-------

Location specific

9. Air quality

a). Does the quality of the air in this part of the building have a negative effect on your work performance?

(Please tick)

Not significant	1	2	3	4	5	6	7	Very significant
-----------------	---	---	---	---	---	---	---	------------------

b). Is the air fresh or stale?

(Please tick)

Stale	1	2	3	4	5	6	7	Fresh
-------	---	---	---	---	---	---	---	-------

c) Is the air humid or dry?

(Please tick)

Too humid	1	2	3	4	5	6	7	Too dry
-----------	---	---	---	---	---	---	---	---------

d) Is there air movement?

(Please tick)

Still	1	2	3	4	5	6	7	Good circulation
-------	---	---	---	---	---	---	---	------------------

e) Do you have control over ventilation?
(Please tick)

No control	1	2	3	4	5	6	7	Full control
------------	---	---	---	---	---	---	---	--------------

10. Temperature

a) Does the temperature in this part of the building have a negative effect on your work performance?
(Please tick)

Not significant	1	2	3	4	5	6	7	Very significant
-----------------	---	---	---	---	---	---	---	------------------

b) Is the temperature in winter too cold or too hot?
(Please tick)

Too cold	1	2	3	4	5	6	7	Too hot
----------	---	---	---	---	---	---	---	---------

c) Is the temperature during the summer too cold or too hot?
(Please tick)

Too cold	1	2	3	4	5	6	7	Too hot
----------	---	---	---	---	---	---	---	---------

11. Noise

a) Does the distraction from noise in this part of the building have a negative effect on your work performance?
(Please tick)

Not significant	1	2	3	4	5	6	7	Very significant
-----------------	---	---	---	---	---	---	---	------------------

b) Is there significant distraction from noise outside the space?
(Please tick)

Not significant	1	2	3	4	5	6	7	Very significant
-----------------	---	---	---	---	---	---	---	------------------

c) Is there significant distraction from background noise?
(Please tick)

Not significant	1	2	3	4	5	6	7	Very significant
-----------------	---	---	---	---	---	---	---	------------------

12. Light

a) Does the quality of light in this part of the building have a negative effect on your work performance?
(Please tick)

Not significant	1	2	3	4	5	6	7	Very significant
-----------------	---	---	---	---	---	---	---	------------------

b) Is there too much or too little natural light?
(Please tick)

Too little	1	2	3	4	5	6	7	Too much
------------	---	---	---	---	---	---	---	----------

c) Is the sun/natural light too bright?
(Please tick)

Not bright	1	2	3	4	5	6	7	Too bright
------------	---	---	---	---	---	---	---	------------

d) Is the level of artificial light too high or low? (Please tick)

Too low	1	2	3	4	5	6	7	Too high
---------	---	---	---	---	---	---	---	----------

e) Is the artificial light too bright?
(Please tick)

Not bright	1	2	3	4	5	6	7	Too bright
------------	---	---	---	---	---	---	---	------------

f) Are the blinds/shutters effective in blocking out natural light?
(Please tick)

Not effective	1	2	3	4	5	6	7	Very effective
---------------	---	---	---	---	---	---	---	----------------

g) Do you have control over artificial lighting?
(Please tick)

No control	1	2	3	4	5	6	7	Full control
------------	---	---	---	---	---	---	---	--------------

13. IT / Data projection

Is the electronic data projection equipment effective?
(Please tick)

Does not work well	1	2	3	4	5	6	7	Works well
--------------------	---	---	---	---	---	---	---	------------

14. Comments

If you have any additional comments that you would like to make about any aspect of your work environment please note them here. If relevant to a particular question please give the question number.

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ANNEXURE E

Lessons learned from schools of architecture

[Due to incompatible software versions, rating scales are not included]

Appendix A

Data Gathering Instruments

After the post-occupancy evaluation (POE) instruments were developed through e-mail exchanges, potential investigators received standardized instructions (below) for administering the POEs. Readers can use these instructions to create their own POEs.

General Instructions

The POE has five parts:

1. Gathering background information on the project
2. Evaluation of the exterior appearance of the building
3. The POE of the building and its spaces
4. Standard coding format
5. How to analyze the data

You can download them at: <http://facweb.knowlton.ohio-state.edu/jnasar/archpoe/poeindex.htm> [Note, this link is no longer operational, see email correspondence with Jack Nasar].

See Preiser and Vischer (2005) for additional tool kits for evaluation.

1. The next section lists the *background information* to try to get. For this, please give a point of contact (dean, director, university architect) for potential follow-up information.
2. The survey of the *exterior appearance* of the architecture facilities should obtain responses from at least 30 passersby (preferably non users of the building, as we will already have similar information from them). The interviewers should take a position and select every *n*th passerby until they get the necessary

interviews. If the building location does not have much pedestrian traffic, then photograph it and take the photograph to a public area on campus. Stop pedestrians in a similar fashion and have them complete the survey.

3. For the *POE of the building and its spaces*, we recommend a standardized procedure. Rather than leaving surveys in mailboxes or calling people, schedule times to meet in classes and studios. During that time, have all students and the faculty complete the survey. This should get a large response rate. (Students who already filled one out would not complete it again). For staff, the interviewer could bring the survey to them directly. Posting the instrument on-line in sites such as Survey Monkey or Zoomerang works well, in that these sites code the responses into excel files for you.

4. We have a standardized *coding format* for the surveys for transferability.

5. We suggest some simple *analyses* that you can use to make sense of your data.

Interior Survey

This section presents the oral request for participation, followed by a sample interior POE survey form, which meets Human Subjects standards. If at a university, you should clear the survey with your university's Human Subjects review board.

Oral Introduction

Could you please help me out on a survey about the performance of the new school of architecture building? It should take about fifteen minutes to complete. The questionnaire asks you to rate the building on various scales. Will you help me out?

Post-occupancy Evaluation

We wish to conduct a post-occupancy evaluation (P.O.E.) of your facilities. Our purpose is to assess how well the facilities perform for your health, safety, security, functionality, and psychological comfort. We hope the POE will identify areas for improvement, areas that work well, and will provide information to improve facility utilization, and the design of future buildings. Your answers will be kept confidential and anonymous. There are no right or wrong answers. So feel free to give your honest opinions.

Please complete and return your survey now.

It should take less than 15 minutes to complete!

- 1) What physical features do you like best about the new facility (addition)?
- 2) What physical features do you like least about the new facility (addition)?
- 3) On each item below, rate your satisfaction with the overall quality of the design of the facilities where:
 - a) Aesthetic quality of exterior
 - b) Aesthetic quality of interior
 - c) Amount of space
 - d) Ability to find your way
 - e) Environmental Quality (lighting, acoustics, temperature, etc.)
 - f) Proximity of views
 - g) Adaptability to changing uses
 - h) Accessibility for persons with disabilities
 - i) Security
 - j) Maintenance
 - k) Relationship of spaces/layout

l) Quality of building materials:

a. Floors

b. Walls

c. Ceilings

m) Other (specify)

4) For each space listed below, please rate your overall satisfaction with its quality, where applicable)

a) Public areas (entrance, atrium, and connecting areas)

b) Seminar rooms (5-20 students)

c) Medium size classroom (21-40 students)

d) Large classroom (41-100 students)

e) Large lecture space (more than 100 students)

f) Computer lab

g) Studio

h) Library

i) Administrative Office area

j) Faculty Offices

k) Exhibition Galleries

l) Jury/crit space

m) Circulation (elevators, stairs, corridors)

n) Restrooms

o) Storage

p) Other (specify)

5) For each space listed on the left, indicate how many hours you spend in it in a typical week.

Space Type

a) Public areas (entrance, atrium,& connecting areas)

b) Seminar rooms (5-20 students)

c) Medium size classroom (21 -40 students)

d) Large classroom (41-100 students)

e) Large lecture space (more than 100 students)

f) Studio

a) Library

b) Administrative Office area

c) Faculty offices

d) Exhibition/Galleries

e) Restrooms

f) Storage

6. Other (specify)

From the previous list of spaces, pick up to two spaces that you feel **LEAST** SATISFIED with, and for each, tell what physical features leads your dissatisfaction.

7. For your Least Satisfying space listed in question 6a, how would you rate each of the following?

a) Adequacy of space

b) Lighting

c) Acoustics

- d) Temperature
- e) Odor
- f) Aesthetic Appeal
- g) Security
- h) Flexibility of Use
- i) Accessibility for persons with disabilities
- j) Other (Specify)

8. For your least satisfying space listed in question 6b, how would you rate each of the following?

[As for 7]

9. From the previous list of spaces, pick up to two spaces that you feel Most Satisfied with, and list physical features lead your satisfaction.

10. For your Most Satisfying space listed in question 9a, how would you rate each of the following?

[As for 7]

11. For your Most Satisfying space listed in question 9b, how would you rate each of the following?

[As for 7]

12. Select and rank in order of importance the facilities that are currently lacking in your facility:

13. Please make any other suggestions for physical improvements in your facility:

14. Now we want to know a little about you. What is your:

a) Room no./Building area?

b) Your Position? (Check the one that applies)

☐ Faculty

Department of Organizational unit:

☐ Staff

Department of Organizational Unit:

☐ Student

Major

Year: (check the one that best applies)

☐ First Year undergraduate

☐ Second Year undergraduate

☐ Third year undergraduate

☐ Fourth Year or higher undergraduate

☐ Master's student

☐ Ph. D. Student

☐ Other

c) Your Year of Birth: 19

d) Your Sex: ☐ Male ☐ Female

e) No. of years with the present school:

[Note: An extensive section on coding of forms, to ensure compatibility and use across institutions is included in the questionnaire form]

From: Wagener, Annemarie [<mailto:awagener@uj.ac.za>]

Sent: Monday, December 26, 2011 1:50 PM

To: Nasar, Jack

Subject: Request for POE document for research purposes

Dear Prof Nasar,

I am doing research about Importance-Performance Assessment of schools of architecture. I would like to attach the actual POE questionnaire duplicated in *Designing for designers* to my dissertation but the link provided in the book seems to be no longer functional.

As part of my critique on existing POE questionnaires includes the appearance of the form, I need to see the real thing. I will appreciate it very much if you can send me either a scan of the original, or a link to where I can find it.

Thank you very much for the excellent information and research guidance in *Designing for designers* - just the existence of the book helped a lot in convincing colleagues that my research is worth while! I have done IPAs at schools of architecture at four universities in South Africa, and the preliminary results and patterns are indeed very interesting.

I hope that you are enjoying the festive season, even though it may not be in 30 degree C, sunny weather as we are enjoying in South Africa!

Thank you,

Annemarie Wagener
Department of Architecture
Faculty of Art, Design and Architecture
UNIVERSITY OF JOHANNESBURG
South Africa

From: Nasar, Jack [nasar.1@osu.edu]
Sent: 27 December 2011 01:03 AM
To: Wagener, Annemarie
Subject: RE: Request for POE document for research purposes
Attachments: Ozb_Appendix_A_Nov_17.doc

Annemarie:

Sorry about the problem downloading the material. You're right, it's no longer at that address. I'll have to thank our IT people, who sometimes change things without checking or alerting us to it.

I'm working at home, and have neither a scan nor the original from the book, but I've attached the material (Appendix A) I sent to the publisher in Word format

Feel free to cut the irrelevant material. If you need to cite it, the Background information appears on pg 244-5, exterior survey on pp 245-246, interior survey on pp 247-252, sampling and coding on pp 252-3, Background data (pp 253-4), Exterior data (pp 254-5), Interior data (pp.255-261), POE Analysis (pg. 261).

No, it most definitely is not 30 degree C and sunny in Columbus. Thanks for reminding me.

A former student of mine (Nina Foster) is in Durban (Durban University of Technology) in South Africa.

Happy holidays.

Jack

ANNEXURE F

Criteria development grid

PHYSICAL CONDITIONS:		OUTDOOR CAMPUS DESIGN AND LAYOUT							
Security (personal safety)	1		1	1		Harmonious relationship between building and overall campus		1	1
Accessibility: being able to access the building at any time				1		Easy movement between indoor- and outdoor spaces		1	1
Accessibility: ease of getting around	1	1		1		Accessibility: entrance/s easily found and usable		1	1
Way finding: signage and logical circulation		1	1	1	1	Outdoor spaces specially designed to accommodate studying / working		1	1
Safety of personal property				1		Well designed landscape, beautiful gardens		1	1
INDOOR ENVIRONMENTAL CONDITIONS		Outdoor formal teaching spaces							1
Air quality: good ventilation	1		1			Spaces for socialising		1	1
Temperature: controllable by occupants	1					Car circulation most important		1	
Acoustics: noise levels	1		1	1		Safe pedestrian circulation most imp		1	1
Lighting	1			1		INFRASTRUCTURE FURNITURE AND SERVICES			
Being a “green” building, even if this may reduce environmental comfort levels, or require more manual control of systems				1		Electrical plug points easily accessible indoors			1
GENERAL DESIGN AND PHYSICAL LAYOUT		Wi-fi everywhere on campus							
Appearance of building: special, stands out, strong identity		1		1		Electrical plug points outdoors			1
Good views to the outside		1				Lockers			1
Openness: clear sightlines between interior spaces		1		1		Vending machines			1
Privacy: spaces not open to clear sightlines		1		1		Kitchen facilities available for students			
Strong spatial identity		1	1			Drinking water points			1
Lots of places with seats and tables where informal learning related interaction can happen			1	1		CAMPUS FACILITIES			
Dedicated workshop for model building, etc.				1		A variety of book / stationery shops			
Carefully designed colour schemes			1			Printing outlet, e.g. Jetline			1
Informal student chill space with comfortable seating				1		Food shops – inexpensive			
General gathering space for large groups of students				1		Food shops – “iconic” e.g. McDonalds,			1
						Food shops – high quality, healthy food			1
	1	Supermarket							1
	2	Health enhancing activities / facilities e.g. gymnasium, jogging							1

		track, basketball				
<i>Blyth & Gilby, 2006</i>						
<i>Salama, 2009</i>						
<i>Spooner, 2008</i>	3	Social activities / facilities, e.g. snooker, ten-pin bowling				1
<i>Zimring, 1983</i>	4	Adventure facilities e.g. paintball, climbing wall				1
<i>Kasim & Dzakiria, 2011</i>	5	Stress-relief / relaxation places e.g. secluded garden with seating, pond, meditation space				1

ANNEXURE G1

Raw data: quantitative

NOTE: TABLES READ ACROSS, THEN DOWN

Password	SPACES AND PLACES												SPACES AND PLACES									
	sp_pro_p1	sp_pro_i1	sp_pro_p2	sp_pro_i2	sp_pro_p3	sp_pro_i3	sp_pro_p4	sp_pro_i4	sp_pro_p5	sp_pro_p6	sp_pro_i5	sp_pro_p7	sp_pro_i6	sp_pro_p8	sp_pro_i7	sp_pro_p9	sp_pro_i8	sp_pro_i9	sp_pro_p10	sp_pro_i10		
	1.1 Small gr space p	1.1 Small gr space i	1.2 Big group space p	1.2 Big group space i	1.3 Indivl learning p	1.3 Indiv learning i	1.4 Computer labs p	1.4 Computer labs i	1.5 Jury space p	1.6 Model space p	1.5 Model space i	1.7 Open space p	1.6 Open space i	1.8 Mix study sp p	1.7 Mix study sp i	1.9 Relax space p	1.8 Student chill i	1.9 Mix chill i	1.10 Access p	1.10 Access i		
UA01	3	3	5	3	4	3	4	5	4	4	3	4	3	4	3	4	3	2		1		
UA02	2	5	4	5	1	7	6	5	3	3	5	4	6	5	6	2	7	4	4	6		
UA03	5	6	3	6	3	3	6	7	4	4	6	3	6	3	6	3	6	5	4	5		
UA04	4	6	4	5	3	6	4	7	4	3	7	5	7	3	6	6	7	7	2	7		
UA05	5	7	3	6	1	7	6	7	1	1	7	3	7	1	7	5	3	4	1	7		
UA06	6	6	4	6	2	6	4	6	2	4	6	5	6	3	6	4	6	6	4	6		
UA07	1	3	1	7	3	6	5	7	6	1	7	4	6	4	7	3	6	4	2	7		
UA08	5	5	4	7	6	5	5	7	5	5	7	6	7	4	6	3	4	5	6	5		
UA09	4	5	5	7	3	7	5	7	3	4	7	2	5	4	4	4	6	5	4	7		
UA10	4	5	4	5	3	7	7	5	4	4	5	6	6	6	5	6	5	5	6	7		
UA11	4	6	5	4	2	5	6	7	1	1	7	1	5	1	5	3	4	3	6	7		
UA12	3	3	5	5	3	4	3	3	4	2	4	6	5	4	5	2	4	3	3	3		
UA13	3	6	5	5	2	7	5	7	3	4	6	5	5	5	5	3	6	4	5	6		
UA14	5	5	5	5	2	5	6	6	3	4	7	6	5	6	5	6	4	5	5	5		
UA15	5	6	5	6	3	6	4	7	3	5	6	5	6	4	6	6	5	5	7	3		
UA16	5	3	5	5	3	5	4	7	3	3	7	5	3	3	5	2	6	4	4	6		
UA17	1	3	3	3	1	7	4	7	4	3	5	5	5	5	4	3	6	1	3	7		
UA18	5	3	3	5	2	3	5	7	3	1	7	1	7	4	5	4	7	4	6	1		
UA19	7	7	2	6	1	7	5	7	1	1	7	4	7	4	7	3	7	6	6	7		
UA20	4	5	6	6	3	7	4	7	4	3	7	4	5	5	5	3	7	4	6	5		
UA21	4	6	3	6	2	7	4	7	2	3	6	4	6	3	6	3	7	4	5	7		
UA22	2	5	2	2	1	7	3	5	2	1	4	1	3	1	4	1	5	4	4	5		
UA23	2	7	2	6	2	5	4	7	5	2	6	1	7	2	7	4	7	2	4	7		
UA24	2	6	5	4	7	2	6	7	5	4	6	5	3	5	4	5	3	3	5	4		
UA25	4	7	6	7	1	7	4	7	4	3	7	4	7		7	2	7	7	1	7		
UA AVE	3.8	5.16	3.96	5.28	2.56	5.64	4.76	6.44	3.32	2.92	6.08	3.96	5.52	3.71	5.44	3.6	5.52	4.24	4.2916667	5.52		
UA Std Dev	1.50	1.38	1.31	1.28	1.44	1.55	1.03	1.02	1.29	1.29	1.13	1.61	1.33	1.40	1.10	1.39	1.39	1.42	1.62	1.81		
UB01	4	5	3	4	1	7	2	7	3	1	7	7	5	7	4	1	4		3	1		
UB02	6	6	4	6	7	7	2	3	6	5	6	6	5	7	7	5	7	6	6	2		
UB03	1		5		2		3		4	5		6				4			1			
UB04	4	5	6	5	3	7	4	7	3	5	3	6	3	6	3	5	5	5	5	7		
UB05	5	6	5	6	2	6	5	6	4	2	4	3	7	3	4	2	6	4	2	7		
UB06	3	5	3	6	2	6	2	7	4	4	4	5	4	4	4	4	6	5	3	7		
UB07	1	7	5	5	1	7	4	6	1	1	5	6	6	2	6	1	7	7	4	6		
UB08	4	4	5	5	2	6	3	7	4	3	7	5	6	4	6	3	6	5	3	6		
UB09	3	5	1	5	3	7	4	7	4	4	4	4	4	4	5	4	5	2	4	6		
UB AVE	3.44	5.38	4.11	5.25	2.56	6.63	3.22	6.25	3.67	3.33	5.00	5.33	5.00	4.63	4.88	3.22	5.75	4.86	3.44	5.25		
UB Std Dev	1.67	0.92	1.54	0.71	1.81	0.52	1.09	1.39	1.32	1.66	1.51	1.22	1.31	1.85	1.36	1.56	1.04	1.57	1.51	2.38		

[illegible]

INDOOR ENVIRONMENTAL CONDITIONS																		
in_airs_p	in_airc_p	in_temps_i	in_temp_ss_p	in_temp_sw_p	in_temp_save	in_aco_p	in_aco_i	in_lign_p	in_liga_p	in_lig_i	infr_gen_p1	infr_gen_p2	infr_gen_p3	infr_gen_p4	infr_gen_p5	infr_gen_p6	infr_gen_p7	infr_gen_p8
4.1 In air studio p	4.2 In air common p	5.1 In temp i	5.2 In temp sum p	5.3 In temp win p	5.4 Comfort i	6.1 In acoustics p	6.2 In acoustics i	7.1 In light natural p	7.2 In light art p	7.3 In light i	8.1 Infra finish floor p	8.2 Infra finish wall p	8.3 Infra finsih ceiling p	8.4 Infra boards quality p	8.5 Infra boards num p	8.6 Infra lights pass p	8.7 Infra internet p	8.8 Infra WiFi p
4	3	1	2	4	1	4	2	2	2	2	2	3	5	5	2	3	6	2
2	3	2	1	3	5	3	7	5	6	6	3	5	5	2	2	2	5	1
3	6	2	1	3	5	2	2	3	6	5	6	6	6	4	4	6	6	6
5	5	2	3	5	5	1	6	7	5	6	6	6	6	3	3	5	3	1
1	1	1	1	5	5	1	7	7	7	7	7	7	7	1	1	6	2	1
2	3	2	3	4	5	1	5	6	6	7	4	4	4	4	2	4	1	1
2	2	2	2	3	4	6	2	7	7	1	6	6	6	5	3	3	6	1
6	6	2	3	4	3	4	1	4	5	5	5	5	5	4	3	3	2	1
5	4	2	1	3	6	1	6	6	2	7	4	5	6	3	1	4	1	1
1	3	2	4	3	3	3	5	5	5	5	4	3	3	5	1	1	1	1
2	4	1	1	3	3	3	6	7	6	7	5	4	4	3	2	4	5	1
4	3	2	2	4	3	5	4	3	4	5	3	5	5	4	3	3	4	5
1	1	2	1	3	5	4	6	6	6	6	4	4	6	2	1	3	5	1
2	2	2	2	3	3	5	4	4	4	4	5	2	5	1	3	3	1	1
3	3	2	2	3	4	4	2	4	4	4	7	7	4	4	1	4	2	2
1	3	2	1	5	7	2	7	5	6	4	5	5	5	5	1	1	1	1
2	3	2	2	3	5	3	7	5	4	4	3	3	3	4	2	3	3	1
2	3	2	1	5	4	5	3	4	6	4	5	6	3	3	3	6	1	1
1	3	1	1	5	1	6	3	5	6	6	4	2	4	2	2	4		1
1	1	2	1	4	4	2	7	6	5	6	4	3	6	1	1	3	1	1
2	1	2	2	4	3	1	6	1	1	5	4	3	5	2	1	2	5	1
1	2	2	1	3	5	2	7	6	6	4	4	5	5	1	1	3	1	1
1	3	2	1	4	5	2	5	3	4	3	4	4	4	4	2	5	4	1
4	5	2	2	3	4	2	1	3	5	4	5	5	6	2	1	5	1	1
1	1	2	1	4	5	1	7	5	6	7	4	4	5	4	3	6	1	1
2.36	2.96	1.84	1.68	3.72	4.12	2.92	4.72	4.76	4.96	4.96	4.52	4.48	4.92	3.12	1.96	3.68	2.83333333	1.44
1.47	1.43	0.37	0.84	0.78	1.37	1.60	2.09	1.61	1.51	1.56	1.20	1.39	1.06	1.34	0.92	1.43	1.91	1.24
1	1	2	2	3	5	2	3	3	5	5	3	3	2	1	1	3	5	5
4	5	1	2	4	5	5	7	6	5	7	4	4	5	1	5	5	7	5
2	6	2	3	5	4	3	4	1	2	6	3	7	7					
4	4	2	3	5	4	3	7	2	3	4	3	3	3	1	1	4	1	1
4	4	2	3	4	4	4	2	3	5	6	4	1	2	2	2	5	6	6
4	4	1	2	4	3	2	5	5	5	6	4	3	3	2	2	5	6	5
5	5	2	3	5	3	1	7	1	3	5	2	1	3	1	1	3	3	3
3	4	2	4	5	5	5	5	2	4	6	4	4	3	3	3	5	6	5
3	4	2	4	4	4	6	2	2	3	5	5	5	5	2	2	4	4	4
3.33	4.11	1.78	2.89	4.33	4.11	3.44	4.67	2.78	3.89	5.56	3.56	3.44	3.67	1.63	2.13	4.25	4.75	4.25
1.22	1.36	0.44	0.78	0.71	0.78	1.67	2.06	1.72	1.17	0.88	0.88	1.88	1.66	0.74	1.36	0.89	1.98	1.58

															GENERAL CAMPUS ENVIRONMENT				
infr_gen_p9	infr_gen_p10	infr_gen_p11	time_exm	time_stu_1	time_stu_i1	time_stu_2	time_stu_i2	time_stu_3	time_stu_4	time_stu_i4	time_stu_5	time_total	time_stu_i3	time_pres	out_sp_p	out_sp_i	cam_fac_p	cam_fac_i1	
8.9 Infra storage p	8.10 Plugs p	8.11 Infra access control p	9 Time extra 1 = yes	9.1 Time evenings	9.1 Time evening i	9.2 Time night	9.2 Time night i	9.3 Time day	9.4 Time weekend	9.4 Time weekend i	9.5 Time campus gen	9.6 Total time	9.3 Studio avail i	9.5 Time pressure	10.1 Out space p	10.2 Out space i	11.1 Social place p	11.1 Campus movies i	
5	1	2		0	2	0	1	3	0	1	1	3	2	2	4	2	4	2	
4	2	3	1	21	6	5	7	27	7	7	10	60	6	1	2	7	3	6	
4	2	2	1	4	6	0	7	4	8	7	0	16	7	1	3	6	3	4	
1	1	5			7		6			6			6	2	5	5	4	6	
4	1	6	1	4	4	0	2	10	0	2	0	14	5	1	7	7	4	3	
1	1	4	0	0	2	0	6	5	0	2	0	5	2	1	1	5	4	1	
5	2	7		0	1	0	1	8	0	1	8	8	1	2	2	7	4	4	
6	3	4	1	2	7	0	7	4	0	7	4	6	7	1	3	2	3	4	
3	2	5	1	2	5	0	5	5	3	6	2	10	7	2	6	6	4	6	
1	1	1	0	0	1	0	1	3	0	4	1	3	4	1	3	4	4	1	
4	1	5	1	8	7	2	7	5	6	7	2	21	7	1	3	5	3	4	
5	4	4	1		4		3			4			4	1	3	6	3	1	
4	2	5	0	0	2	0	2	10	0	2	12	10	3	1	2	5	4	2	
1	1	4	1	0	3	0	3	2	0	3	0	2	3	2	2	6	1	7	
3	3	3	0	0	5	0	5	5	0	5	1	5	4	2	2	2	5	1	
1	1	1	1		7		7			7			7	1	4	5	3	1	
3	2	4	1		5		6			3			5	2	4	2	3	1	
1	3	2	1	0	5	0	6	4	0	1	0	4	1	1	7	7	1	4	
2	1	5			4		4			5			2		2	3	1	6	
1	1	4	0	0	2	0	2	8	0	2	0	8	2	2	2	7	3	2	
4	1	4	0	2	6	0	4	7	0	3	0	9	5	2	3	7	4	1	
1	2	3	0	0	1	0	1	20	0	1	1	20	1	1	2	4	2	3	
7	2	3	1	3	7	4	7	7		7		14	7	1	1	7	7	1	
5	1	6	0	3	4	0	2	20	0	3	0	23	4	2	5	3	3	3	
6	1	5	1		7		7			7	2.5		7	1	1	7	1	7	
3.28	1.68	3.88	0.62	2.58	4.4	0.58	4.36	8.26	1.33	4.12	2.34	12.68	4.36	1.42	3.16	5.08	3.24	3.24	
1.87	0.84	1.51											2.15		1.69	1.81	1.34		
1	6	5	0	25	6	10	3	5	0	2	10	40	4	1	2	5	3	5	
1	6	6	0	0	3	0	2	4	0	4	0	4	6	2	3	5	6	4	
															3	7	5	5	
1	3	1	1	0	2	0	2	3	2	2	1	5	2		1	7	4	1	
1	2	2	0	0	1	0	1	5	0	3	0	5	4	2	2	6	5	2	
1	4	5	0	1	6	0	6	4	0	4	1	5	5	2	3	6	4	4	
1	2	1	0	0	2	0	2	6	0	4	0	6	2	1	4	6	3	2	
2	3	4	1	4	5	0	3	4	20	7	10	28	6	1	5	7	5	5	
1	2	3	1	0	3	0	2	30	0	2	5	30	2	2	3	3	3	2	
1.13	3.50	3.38	0.38	3.75	3.50	1.25	2.63	7.63	2.75	3.50	3.38	15.38	3.88	1.57	2.89	5.78	4.22	3.33	
0.35	1.69	1.92											1.73		1.17	1.30	1.09		

cam_fac_i2	cam_fac_i3	cam_fac_i4	cam_stay_1	cam_stay_2	cam_stay_3	cam_stay_4	cam_stay_5	safe_i	safe_gr	safe_own	way_camp_p	way_sch_p	way_i	demo_inst	demo_gen	demo_year		demo_dis	demo_trans	demo_st
11.2 Campus tenpin i	11.3 Campus gym i	11.4 Campus prayer i	11.5 leave break	11.6 leave not at home	11.7 leave social	11.8 leave group	11.9 leave pref home	12.1 Safety i	12.2 Safety group	12.3 Safety own	13.1 Wayf on campus	13.2 Wayfind in school	13.3 Wayfinding i	14.1 Institution	14.2 Gender	14.3 Study year	14.4 Age	14.5 Disabled?	14.6 Transport	14.7 Abode
6	6	1	1	2	2	1	1	1	7	6	4	3	5	UJ	2	3		0	1	3
7	5	7	1	2	2	1	2	6	6	6	4	4	7	UJ	2	3		0	3	2
2	6	7	2	1	1	2	2	7	7	7	6	5	7	UJ	2	3		0	1	2
5	6	6	1	1	1	2	2	6	7	4	5	5	7	UJ	2	3		0	9	1
1	7	6	2	1	2	2	2	7	3	1	2	2	7	UJ	1	3		0	1	2
1	1	1	2	2	2	2	2	2	6	4	4	4	7	UJ	1	3		0	1	2
4	4	1	2	2	2	1	2	1	5		4	4	7	UJ	2	3		0	1	2
4	5	5	2	1	2	1	2	4	6	5	4	4	6	UJ	2	3		0	3	2
3	6	3	1	2	1	2	2	5	6	3	4	5	7	UJ	2	3		0	1	2
1	7	1	1	1	2	2	1	5	7	1	4	4	7	UJ	1	3		0	1	2
4	7	4	2	1	1	1	2	6	6	6	5	3	6	UJ	2	3		0	3	2
1	4	5	1	1	1	1	1	7	2	7	2	2	6	UJ	1	3		0	5	2
2	5	2	1	2	2	1	2	7	4	1	5	3	6	UJ	2	3		0	1	2
2	7	7	2	2	2	1	2	1	7	7	4	4	7	UJ	2	3		0	1	2
2	5	4	1	1	1	1	1	5	7	7	3	5	5	UJ	2	3		0	1	2
1	7	3	1	2	1	1	2	6	2	1	4	3	4	UJ	1	3		0	1	2
1	1	1	1	2	2	1	1	1	7	5	3	3	7	UJ	2	3		0	1	2
4	7	7	1	1	2	1	2	3	6	4	5	3	7	UJ	2	3		0	1	2
3	7	2	1	2	2	1	1	7	1	1	3	2		UJ	2	3		0	1	2
2	4	3	1	2	2	1	1	2			5	3	7	UJ	1	3		0	1	2
1	1	1	1	2	2	1	2	7	4	1	1	1	7	UJ	2	3		0	4	2
5	7	2	1	2	2	1	1	1	5	1	2	4	4	UJ	2	3		0	1	2
1	4	4	1	1	1	2	2	6	7	4	7	7	7	UJ	1	3		0	9	1
2	1	1	1	2	2	2	2	5	6	5	5	5	7	UJ	2	3		0		2
7	7	7	2	1	1	2	2	7	7	5	7	5	7	UJ	1	3		0		1
2.88	5.08	3.64	1.32	1.56	1.64	1.36	1.68	4.6	5.458333	4	4.08	3.72	6.41666667							
								2.30	1.80	2.25	1.44	1.28	0.95							
5	7	1	1	1	0	1	0	1	3	3	4	3	3	Wits	2	3		2	1	2
5	5	3	0	0	0	1	0	3	6	6	4	2	6	Wits	2	3		2	1	2
5	7	4	0	0	0	1	0	6	2	1	1	2	7	Wits	1	3		2	4	2
1	1	4	1	0	1	1	0	7	4	1	1	1	7	Wits	2	3		2	1	2
3	6	5	0	1	0	1	1	4	3	2	2	2	2	Wits	2	3		2	1	2
4	7	6	1	1	0	0	0	4	5	5	2	4	7	Wits	2	3		2	1	2
2	3	1	1	1	1	1	0	7	6	1	3	2	7	Wits	2	3		2	1	2
5	4	6	0	1	0	0	0	7	5	3	3	4	7	Wits	1	3		2	3	2
2	5	3	0	0	0	1	1	5	4	2	4	2	4	Wits	1	3		2	1	2
3.56	5.00	3.67	0.44	0.56	0.22	0.78	0.22	4.89	4.22	2.67	2.67	2.44	5.56							
								2.09	1.39	1.80	1.22	1.01	2.01							

INDOOR ENVIRONMENTAL CONDITIONS																		
in_airs_p	in_airc_p	in_temps_i	in_temp_ss_p	in_temp_sw_p	in_temp_save	in_aco_p	in_aco_i	in_lign_p	in_liga_p	in_lig_i	infr_gen_p1	infr_gen_p2	infr_gen_p3	infr_gen_p4	infr_gen_p5	infr_gen_p6	infr_gen_p7	infr_gen_p8
4.1 In air studio p	4.2 In air common p	5.1 In temp i	5.2 In temp sum p	5.3 In temp win p	5.4 Comfort i	6.1 In acoustics p	6.2 In acoustics i	7.1 In light natural p	7.2 In light art p	7.3 In light i	8.1 Infra finish floor p	8.2 Infra finish wall p	8.3 Infra finsih ceiling p	8.4 Infra boards quality p	8.5 Infra boards num p	8.6 Infra lights pass p	8.7 Infra internet p	8.8 Infra WiFi p
3	4	1	2	3		2	7	7	7	4	5	6	6	7	6	1	1	1
5	4	1	2	4		7	1	4	4	5	5	5	5	4	4	5	2	2
6	6	2	3	3		5	3	5	3	4	4	5	5	6	6	6	5	3
3	2	2	2	2		2	5	6	6	7	2	5	5	4	3	6	1	1
5	5	2	1	5		3	4	6	6	7	3	4	7	2	1	7	4	4
5	4	4	1	3		6	5	4	6	6	5	2	4	5	3	4	5	4
5	5	2	3	3		6	3	7	5	5	6	5	6	6	6	6	4	7
3	5	2	2	5		1	7	4	5	7	6	6	6	5	3	5	2	1
6	6	2	2	3		4	4	7	6	5	5	5	5	7	7	7	7	2
2	3	2	3	4		3	5	6	6	7	6	6	3	5	4	4	4	3
4	5	2	3	4		2	3	4	7	4	5	3	4	6	6	6	3	1
4	4	2	2	4		3	4	6	6	6	6	6	4	5	5	5	3	1
4	4	1	1	5		4	3	5	5	3	4	5	5	6	5	4	3	1
7	5	2	3	4		1	5	4	5	4	2	4	5	5	3	5	3	1
7	5	2	3	4		2	5	4	5	4	4	4	4	4	4	4	4	4
6	5	2	1	4		3	3	7	7	7	5	5	5	7	4	6	1	1
3	3	2	2	2		3	3	5	5	2	5	5	6	4	4	5	2	1
4	3	2	2	3		3	4	6	6	4	4	6	7	7	7	7	5	5
3	3	2	2	3		6	6	6	6	6	5	5	3	6	6	5	2	2
5	5	2	3	3		1	7	7	7	7	6	6	6	6	6	6	6	1
4	3	2	2	4		5	6	4	2	5	6	3	5	6	2	4	3	1
4	4	2	3	4		3	2	4	4	4	6	5	4	4	2	5	5	2
7	7	2	3	5		4	3	7	7	7	6	6	6	2	1	6	2	3
2	4	2				7	7	2	2	7	1	1	1	3	3	4	1	1
4.46	4.33	1.96	2.22	3.65		3.58	4.38	5.29	5.33	5.29	4.67	4.71	4.88	5.08	4.21	5.13	3.25	2.21
1.50	1.17	0.55	0.74	0.88		1.84	1.69	1.40	1.46	1.52	1.43	1.33	1.36	1.47	1.79	1.33	1.67	1.61
2							4			3	3	1	6	0	5	0	4	0
1							7			6	1	2	3	4	0	6	0	0
							5			5	5	3	2	0	0	4	0	7
2							1			5	8	8	8	0	8	0	0	0
2							5			3	8	8	8	0	0	0	8	0
2							7			6	7	7	7	5	5	6	5	7
1							5			4	6	5	7	7	6	6	7	5
1							6			6	0	2	3	0	4	6	5	7
2							7			7	0	8	0	0	0	8	8	8
2							1			3	5	7	7	4	4	5	7	3
1							7			7								
2							5			6	8	8	8	0	0	0	8	0
1							7			5	7	6	1	0	0	2	5	0
2							7			7	5	6	0	0	7	0	0	4
1							1			3	7	7	7	7	7	5	7	4
1							6			6	1	2	0	4	5	3	0	0
2							7			7	7	0	0	0	0	0	6	4
2							3			3	3	4	1	5	0	0	2	0
2							5			5	0	8	8	0	0	8	8	8
2							6			7	7	7	7	7	7	7	7	6
2							2			7	1	7	4	5	0	6	3	0
2							3			6	8	8	8	0	0	8	8	0
2							4			5	8	8	0	0	0	8	0	8
2							4			7	4	5	7	6	3	7	7	4
1.70							4.79			5.38	4.74	5.52	4.43	2.35	2.65	4.13	4.57	3.26
0.47							2.06			1.50	2.99	2.63	3.29	2.85	3.02	3.17	3.20	3.22

ANNEXURE G2

Raw data: qualitative

[NOTE: TABLES READ ACROSS, THEN DOWN]

		EXTERNAL APPEARANCE AND POSITIONING			
		ex_app_com1	ex_app_com2	ex_app_com3	ex_app_com4
		3 External comment p1	4 External comment p1	5 External comment p1	6 External comment p1
UA01		Good.	Spaces work very well	Circulation is good	Only problem is 3rd year studio, too much light and gets extremely hot
UA02		Interior well designed with large spaces for multi use	Well finished though some finishes have been damaged	Exterior not really interesting	Exterior does not relect the interior
UA03		In some spaces silence is important but due to layout this is not possible	Not adequate ventilation making spaces uncomfortable to work in		
UA04		Typical box layout	Poor ventilation	Not enough crit space	
UA05		Simple and specific to its purpose			
UA06		The design makes for a conducive environment for studios	Open plan and has natural lighting and ventilation	Well considered for intended design	Internet
UA07		It works but there are flaws in the design layout	Maintenance of the studios		
UA08		Space design is adequate	Colours are very dull	Studios cluttered	Lack of ventilation
UA09		Overall design is satisfactory both aesthetic and functional	Average really!		
UA10		It must be used as an example of what the building offer			
UA11		Great ... from the moment you enter ... exposed to [all the years]			
UA12		99			
UA13		Works well	Could be more porous and open to the outdoors		
UA14		Spaces are not large enough	Poor ventilation		
UA15		Spaces aren't well organised			
UA16		Adequate spaces are organised well	Spaces are organised well	Comfort with regards to micro-climate are seriously lacking	
UA17		It is very segremented	The studio becomes very hot due to direct sun	Insufficient ventilation	
UA18		The overall design is good	Ventilation and orientation is poor	Noise [traffic] making it difficult to work	
UA19		The design is poor	Design inconsistent between the various studios for different years		
UA20		The building inspires thought but	Rooms become dark and	Movement is backwards	
UA21		The school is appealing extenally	Archi students have same amount of space as smaller departments		
UA22		99			
UA23		99			
UB01		ex_app_com1	ex_app_com2	ex_app_com3	ex_app_com4
UB02		It is an interesting space but it honestly has no appealing factor to it.	Very bad working conditions.		
UB03		99			
UB04		Indoor organization is very poor, the spaces are very inefficient	Not easy to navigate through	Spaces allocated are inadequate for ...	Bad lighting, environment, ventilation
UB05		I feel the circulation between the sapces is extremely poor		... architecture students	
UB06		Not great	Pin-up space is far from adequate	.	.
UB07		Fragmented circulation uncomfortable	.	.	.
UB08		Very confusing, almost maze-like	Not enough studio exhibition space	.	.
UB09		Not satisfactory at all	Spaces for pin-ups are inadequate	Working spaces are not naturally lit with limited views	Layout is not considered, convoluted ramps ...
UB10		It is fagmented and confusing	No real logic and it is impractical	.	... produce awkward spaces
UB11		3 External comment p			
		ex_app_com1	ex_app_com2	ex_app_com3	ex_app_com4
		3 Appearance & layout comment 1	3 Appearance & layout comment 1	3 Appearance & layout comment 1	3 Appearance & layout comment 1
UC02		well planned		better	
UC03		well designed	need more relax space		
UC04		99			
UC05		improvement on previous	99		
UC06		spce must be better defined	looks like money ran out	hons, masters need better setup	
UC07		good looking after revamp	works quite well		
UC08		very good	need more relax space	safety and security lacking	better bathrooms needed
UC09		double volume noisy	building works weel apart from noise		
UC10		open space allows good flow of people	open space positively contributes to interior layout		
UC11		simple	appropriate	nice addition	
UC12		more security for computers etc	more group space for about 8		

NFRASTRUCTURE: LIST OF 5 MOST IMPORTANT					INFLUENCES ON TIME SPENT IN STUDIO
infr_i_1	infr_i_2	infr_i_3	infr_i_4	infr_i_5	time_infl_1
8.1 Infra own list i	8.2 Infra own list i	8.3 Infra own list i	8.4 Infra own list i	8.5 Infra own list i	9 Time reason 1
Internet	Access control	Wi-Fi	Plugs	Storage	Free from any distractions
Working space	Quiet space for studying	Internet	x Printing facilities	x Study facilities (printing, scanning, internet)	Colleagues and classmates, working atmosphere
Noise	Natural ventilation	Boards	Plugs	Crit space	
Internet	Plugs	Crit space	Work space	Space quality	Group work in the week
Indoor environmental conditions	Internet	Work space	Access control	Lighting	Group work in the week
Access	Passage lighting	Boards	Plugs	Assignment submission	Work load
x Printing	Wi-Fi	Boards	Internet	Plugs	99
Wi-Fi	Plugs	Boards	Passage lighting	Internet	Forming study groups
Spaces and places	Temperature	Instrastructure and finishes	Indoor environment	Lighting	Availability of working surface
Storage	Access control	Wi-Fi	Plugs	Boards	99
Plugs	Boards	Storage	Access control	Internet	99
Lighting	Plugs	Storage	Internet	Wi-Fi	4 hours a day day-time
x Printing	Boards	Wi-Fi	Storage	Access control	More relaxed
Internet	Plugs	Storage	99	99	Easier to work at home as there is access to all the facilities needed
Boards	Passage lighting	99	99	99	I don't really have other influence
x Reticulation	Ventilation	x Spatial arrangement	x Studio facilities	x CAD facilities	Student interaction
Plugs	Wi-Fi	Boards	99	99	99
x Comfortable studios	x Ablution facilities	x Place to get food and drinks	Interactive spaces	Storage	Group work
Working space	Storage	x Presenting space	Lighting	Individual work space	Work load
Boards	Wi-Fi	Internet	Storage	Plugs	Noise
Wi-Fi	Boards	Internet	Plugs	Access control	Time
Wi-Fi	Boards	Plugs	Internet	Access control	Traffic - to avoid afternoon traffic I will stay later
Wi-Fi	Plugs	Acoustics	99	99	Building models
infr_i_1	infr_i_2	infr_i_3	infr_i_4	infr_i_5	time_infl_1
Internet	Computer Lab	Pinning boards	99	99	Workload
Pinning boards	Plugs	WiFi	Internet	Access control	99
99	99	99	99	99	99
Storage	Pinning boards	Internet	Plugs	Lighting	Sound, noise in studio
Access control	Storage	Pinning boards number	Pinning boards quality	Wall finishes	99
Pinning boards quantity	Storage	Plugs	Internet	WiFi	Project deadlines
Storage	Plugs	Pinning boards quantity	Wall finishes	Internet	Group work attendance
Internet	Storage	Pinning boards (number)	Access control	Pinning board quality)	Time of day, esp. during weekends
Work space	Pinning boards (quantity)	Lighting	Ventilation	Access control	99
					time_infl_1
					9 Time reason 1
storage	plugs	lighting	internet	wifi	99
internet	storage	plugs	boards	access_control	uncomfortable conditions after hours
99	99	99	99	99	99
space	noise	light	interaction_with_	climatic	studio_culture
internet	storage	lighting_passage	access_control	boards	mutual_help
interaction_with	space	climate	light	noise	studio_culture
safety	lighting	ventilation	chill_space_mixed	cloakrooms	if no one of own year it's not enjoyable
lighting	work_space	noise	safety	ventilation	transport restrictions
wifi	storage	lighting_passage	boards quality	access_control	group projects
storage	lighting	wifi	internet	access_control	before crit handine, whole weekend
storage	plugs	lighting	boards	internet	99

time_infl_2	time_infl_3		
9 Time reason 2	9 Time reason 3	10 Time reason 4	
More room space to work			
Facilities such as printing, scanners, internet, lightbox	Security		
Research	Discussions		
Library research	Group work		
Interacting with other students			
Help with assignments			
Central space where we need to come together to finish group work			
Group work	Free time in between lectures		
Uncomfortable space			
Transport			
Group work	Research		
time_infl_2	time_infl_3		
It is an interesting space but it honestly has no appealing factor to it.	Very bad working conditions.		
		99	Bad lighting, environment, ventilation
		Indoor organization is very poor, the spaces are very inefficient	Not easy to navigate through
			Spaces allocated are inadequate for architecture students
Amount of people in the studio		I feel the circulation between the spaces is extremely poor	
.		Not great	Pin-up space is far from adequate
Group work	Studying	Fragmented circulation uncomfortable	.
.		Very confusing, almost maze-like	Not enough studio exhibition space
.		Not satisfactory at all	Spaces for pin-ups are inadequate
.		It is fagmented and confusing	No real logic and it is impractical
			Layout is not considered, convoluted ramps produced awkward spaces
time_infl_2	time_infl_3	time_infl_4	time_infl_5
9 Time reason 2	9 Time reason 3	9 Time reason 4	9 Time reason 5
other_students			
"beautiful articulation" = poor security			
large enough space to build models			
peer feedback and crits	social vibe motivates me to work		

UC14		new studio doors separate year groups, inhibit learning and collaboration			
UC15		overall it is great, but ...	structuring of intimate / personal space inadequate	lacks in personal feel while new	
UC16		breakaway cubicles for senior students needed			
UC17		clinical and clean while new	lacks personality while new		
UC18		99			
UC19		new too multifunction - no spatial ownership			
UC20		close to parking area	love new external design		
UC21		not much individual spaces	building is pleasant to be in		
UC22		very good natural lighting	bad acoustics	not student friendly - no graffiti allowed	
UC23		good organisation of interior spaces	first floor becoming no-man's land	poor ventilation on first floor	sterile and impersonal while new
UC24		corrugated iron - pleasing	well functioning interior space		
UC25		nice space	need a proper computer ab	need printing facilities	need to be able to personalise spaces ...
UC26		Designed to look nice on photographs but	but not with students needs in mind		...otherwise it's still foreign to us
		ex_app_com1	ex_app_com2	ex_app_com3	ex_app_com4
		3 Appearance & layout comment 1	3 Appearance & layout comment 1	3 Appearance & layout comment 1	3 Appearance & layout comment 1
UD01		Building wasn't designed for architecture students	Luckely new building happy face		
UD02		Entrance is not prominent, lloks like any other building	Interior is too adaptable which leaves too many spaces unusable	Would like both HVAC and openable windows	
UD03		Workable but small	Doesn't have necessary areas like model building room		
UD04		Buiding was definitely not designed to be studios	Inadequate number of toilets	Interior organisation fairly good	New school makes architectural statement ...
UD05		Building is neat (slang"?)	Some studios are extremely hot and not well ventilated	The space to work is also a problem	... esp the auditorium
UD06		Sometimes I like the fact that we are separated from campus	But sometimes one needs to connect with them		
UD07					
UD08		Not good			
UD09		Very secluded from campus activity			
UD10		The building fails to foster good learning ... [break]	Ventilation is weak and so is lighting	Space is adaptable due to its open planform	
UD11		[CONT] spaces look ... not designed for ... architecture	Not enough space		
UD12		No proper ventilation, if natural must be very effective	Building should [have] open breathable space, clean, organised		
UD13		Building should relate to architecture and students			
UD15		Not too well, to cramped and messie			
UD16		Incomplete			
UD17		Incomplete			
UD18		Very cramped and unorganised			
UD19					
UD20					
UD21					
UD22			Need better ventilation		
UD23		Not enough space for students			
UD24		Good but can use improvement and cleaning			

99	99	99	99	99	amount of work
collaborative space	personalize	99	computer labs	exterior_space	no safety of computers
wifi	internet	ventilation	lighting	social	99
space_small	work_space	internet	furniture	ventilation	access to working material convenient in studio
work_space	social_place	temperature	lighting	noise	more comfortable to work at home
lighting	safety	storage	plugs	internet	work_space
storage	internet	space_individual	99	99	influence of peers resulting in better designs
storage	plugs	lighting	access_control	internet	group work: gathering is central
access_control	storage	wifi	boards	floors	3 hours each day on group projects
access_control	wifi	storage	boards	lighting	question uncertain?
plugs	boards	internet	walls	access_control	99
model_space	boards	internet	lighting	relax_space	dealine of the hand-in
computer lab	wifi	storage	plugs	boards	if I had a car I could work more in studio after hours
security	internet	wifi	access_control	storage	Amount of work to be done
					time_infl_1
					9 Time reason 1
					Safe storage of belongings
					To eat and shower
					Give all my subjects maximum attention even after class
					Cannot work in noisy environment - depends on what I am doing
					99
					Usually because we can't get a good studio position
					Transport
					Work - Monday to Friday when not at class
					Family
					The noise levels during the day make it hard to work
					A lot of useless broken furniture, outdated equipment
					Group working in studio
					Very hot
					Incomplete
					Incomplete
					I don't feel comfortable woring in the studios
					99
					Project hand in
					99
					Group projects - informal crits
					Design and Contract Documentation
					99
					99

ANNEXURE H

Final questionnaire for future use

RESEARCH PROJECT: ... (include title)

Notes to questionnaire designer: The introduction fulfils three functions: a compact preface, information for consent, and motivation to participate. Pay careful attention to the format and wording of the introduction and give the type of information that will encourage participation. An introduction that does not make the effort spent in completing a questionnaire worthwhile, leads to poor response and invalid data. From an ethics point of view, the introduction must include sufficient and accurate information to allow for properly informed consent to participate. The amount of information given depends on the sensitivity of the information requested. Respondents should be able to ask additional questions. (Approval must be obtained from the university ethics body)

What is the study about?

We are gathering information about (briefly outline topics)

This is because (what is the problem to be solved; relate directly to student situation)

The information will be used to do an Importance-Performance Assessment, which can be used to improve ... (the problem stated above). An IPA measures both your satisfaction with certain conditions, and how important these conditions are to you as the user of the (specify what is to be analysed, e.g. school building, third year studio, signage, etc).

It may seem to you that some questions are very similar, but that is part of the requirements for this type of survey. Please consider each answer carefully.

Is participation voluntary and anonymous?

Yes. You do *not* have to fill in, or return a questionnaire. Only if you sign the consent agreement below, will your responses be used.

The questionnaires are anonymous, and no-one's responses can be linked to a specific person. This consent form will be administered separately from the completed questionnaires.

Why were you selected to participate?

(If only a part of the total user population is surveyed, explain why that group was selected).

CONSENT

I understand the purpose of this questionnaire, and I am partaking in this project voluntarily. By signing, I give my consent that my responses may be used for the research project (and any interpretation of the outcomes in published form, conference papers, etc.).

Signed:	Date: DD / MM / YYYY
---------	----------------------

\\(document code) \

[Note: Should cover page be intended for separate administration, the next page must be left blank]

Please use BLACK INK, and MARK EACH CHOICE CLEARLY, e.g.:

	1	2	3	4	X	6	7	
--	---	---	---	---	---	---	---	--

This section aims to gather information, and your opinions about the

DESIGN AND PHYSICAL LAYOUT OF [YOUR / OUR / THE] SCHOOL

1. General school layout and spatial performance

1.1a Are you satisfied with the provision of the following, within your school:

1 = Not satisfied 7 = Very Satisfied

Working spaces for small groups (of less than 5)	1	2	3	4	5	6	7
Working spaces for big groups (of more than 5)	1	2	3	4	5	6	7
Quiet places where you can work on your own	1	2	3	4	5	6	7
Well-equipped computer laboratories	1	2	3	4	5	6	7
Crit / jury spaces	1	2	3	4	5	6	7
Places to build models (with suitable surfaces, ventilation, etc)	1	2	3	4	5	6	7
Open spaces for adaptable use	1	2	3	4	5	6	7
Places where students from different years can work together	1	2	3	4	5	6	7
Places where students can relax together away from studios	1	2	3	4	5	6	7
Easy access for persons with physical disabilities to all parts of the building	1	2	3	4	5	6	7
Clearly identified and accessible fire escape routes	1	2	3	4	5	6	7
Access control to ensure personal safety and security of possessions	1	2	3	4	5	6	7

SP PRO P 1-12

1.2 Below are photos of the architecture studios at three universities. Which one is closest to your opinion of what an architecture studio should look like? (Cross a box)


☐

University of Hong Kong Faculty of Architecture Study Centre

<http://rocker-lange.com/blog/wp-content/uploads/2010/03/studio-2-lr.jpg>


☐

Washington University

<http://www.flickr.com/photos/jimmyarch1861/2799378108/>


☐

Illinois Institute of Technology

<http://www.flickr.com/photos/iitugadmission/5352679400/>

STU CH I

1.1b How important is the availability of the following types of spaces, to you?

1= Not important 7 = Very important

Quiet places to work on your own	1	2	3	4	5	6	7
Small group working spaces (less than 5 people)	1	2	3	4	5	6	7
Large group working spaces (more than 5 people)	1	2	3	4	5	6	7
Well-equipped computer laboratories	1	2	3	4	5	6	7
Places to build models (with suitable surfaces, ventilation, etc)	1	2	3	4	5	6	7
Open spaces for flexible use	1	2	3	4	5	6	7
Places where all students can work together informally	1	2	3	4	5	6	7
A chill space where students can relax away from teachers	1	2	3	4	5	6	7
A chill space where students can relax together with teachers	1	2	3	4	5	6	7
Access and ease of circulation to persons with physical disabilities	1	2	3	4	5	6	7
Clearly identified escape routes	1	2	3	4	5	6	7
Access control to ensure personal safety and security of possessions	1	2	3	4	5	6	7

SP PRO i 1 – 12

1.3a Please rate the performance of your studio facilities:

1 = Poor

7 = Excellent

There is enough space to work on projects	1	2	3	4	5	6	7
The furniture is adequate for its purpose	1	2	3	4	5	6	7
The seating is satisfactory	1	2	3	4	5	6	7
The furniture is well maintained	1	2	3	4	5	6	7
It is possible to individualise personal spaces	1	2	3	4	5	6	7
The views from the studio are pleasant and interesting	1	2	3	4	5	6	7

STU ST P 1 – 6

1.3b How important are the following to you, in relation to your studio?

1 = Not important 7 = Very important

	1	2	3	4	5	6	7
Enough space to work in a variety of media and methods	1	2	3	4	5	6	7
Being able to individualise personal spaces	1	2	3	4	5	6	7
Pleasant views to the outside of the building	1	2	3	4	5	6	7
Clearly defined regulations about studio use, to ensure comfortable conditions for all users	1	2	3	4	5	6	7

STU STI 1 - 4I

1.4 What is your general opinion of the overall design and interior organisation of the building that houses your School of Architecture? Please include a brief explanation.

EX APP P

This section aims to gather information, and your opinions about the

INDOOR ENVIRONMENTAL CONDITIONS

2.1 Air quality

2.1a How satisfied are you with the air quality and ventilation in your studio? (Cross a box between 1 and 7)

Not satisfied	1	2	3	4	5	6	7	Very satisfied
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IN AIR(S) P

2.1b How satisfied are you with the air quality and ventilation in the common use areas?

Not satisfied	1	2	3	4	5	6	7	Very satisfied
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IN AIR(C) P

2.2 Temperature

2.2a How do you experience the temperature in your studio:

Summer	Too hot		Just right		Too cool	
	1	2	3	4	5	
Winter	Too warm		Just right		Too cold	
	1	2	3	4	5	

STU TE(S)P STU TE(W)P

2.3 Acoustics and noise

2.3a How troublesome is noise from passages and common areas, inside school teaching spaces?

Not a problem	1	2	3	4	5	6	7	Very troublesome
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IN ACO P

2.3b How true is this statement: "I cannot work in a noisy environment"?

Not at all: noise does not bother me	1	2	3	4	5	6	7	I can't concentrate at all when there's noise
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IN ACO I

2.4 Lighting

2.4a Are the natural lighting conditions in your studio satisfactory?

Not at all	1	2	3	4	5	6	7	Very
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NA LIG P

2.4b Are the artificial lighting conditions in your studio satisfactory?

Not at all	1	2	3	4	5	6	7	Very
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AR LIG

2.4c How important is optimal lighting conditions to you – do you make an effort to get it “just right”, or do you not really notice?

Don't notice	1	2	3	4	5	6	7	“Just right”
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P PER LIG I

This section aims to gather information, and your opinions about

INFRASTRUCTURE AND FINISHES

3.1 Please indicate your satisfaction with the following infrastructural elements in the school

1 = Not satisfactory at all 7 = Excellent

Floor finishes	1	2	3	4	5	6	7
Wall finishes	1	2	3	4	5	6	7
Ceiling finishes	1	2	3	4	5	6	7
Pinning boards (quality)	1	2	3	4	5	6	7
Pinning boards (number)	1	2	3	4	5	6	7
Lighting in passages and common areas	1	2	3	4	5	6	7
Access to Internet	1	2	3	4	5	6	7
Access to Wi-Fi	1	2	3	4	5	6	7
Safe storage of personal property	1	2	3	4	5	6	7
Enough electrical outlets for student use	1	2	3	4	5	6	7
Other (specify)	1	2	3	4	5	6	7

INF GR P

3.2 From all the factors listed in this section about facilities, services and infrastructure, please select those FIVE that are most important to you. List these five below, in order of importance:

Most important service:	
2nd:	
3rd:	
4th:	
5th most important:	

If you want to add something that is important to you but not listed in the questionnaire, please add it here:	
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INF NB I

3.3 Time spent on campus

3.3a Do you spend more time after hours (after 17:00 and over weekends) in the studio, near to project submissions and exam times?	Yes	No
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HR EXM I

3.3b Approximately how many hours do you spend in the following ways, in an <u>average, middle-of-the-term week</u>: (Note: There is no “right” answer, just an honest one!)	
Working in the studio, during the day (outside of formal time tabled periods)	
Working in the studio in the evening (17:00 – 22:00) during the week	
Working in the studio at night (after 22:00) during the week	
Working in the studio over the weekend	
Working elsewhere on campus (inside spaces, e.g. library)	
Working somewhere outside a building, e.g. outdoor seating and tables	

HR SPE P

3.3c How important is it to you, to be able to:							
	<i>1 = Not Important</i>				<i>7= Very Important</i>		
Work in the studio in the evenings (17:00 – 22:00) during the week	1	2	3	4	5	6	7
Work in the studio at night (after 22:00) during the week	1	2	3	4	5	6	7
Work on projects in the studio rather than at home / res	1	2	3	4	5	6	7
Work in the studio over the weekend	1	2	3	4	5	6	7

HR EXM P

3.4 Cross the statement/s which are true for you:	
Once I have left the campus to take a break or get something to eat, I seldom return afterwards.	
I have to work long hours in studio because where I live, is not suitable for working on my projects.	
I do most of my work in studio because I enjoy working with other students.	
I do not work in the studio outside of required times, because the facilities and conditions are unpleasant for doing so	
I work on group projects in studio, but prefer doing individual projects on my own.	
Campus and studio conditions make no difference to me because I just prefer to work at home.	

This section aims to gather information, and your opinions about the

GENERAL CAMPUS ENVIRONMENT

4.1 Spending time outdoors

4.1a Please rate the quality of the places where you can work **OUTDOORS** on campus

None available	1	2	3	4	5	6	7	Excellent
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WK OUT P

4.1b How important is the availability of comfortable, attractive outdoor working spaces on campus to you?

Not at all	1	2	3	4	5	6	7	Very important
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WK OUT I

4.2 Campus life

4.2a Please rate the overall quality of the facilities available for students to relax and socialise on campus

Poor / none	1	2	3	4	5	6	7	Excellent
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SP CAM P

4.2b Does the availability of student facilities on campus influence the time that you spend working here?

Poor / none	1	2	3	4	5	6	7	Excellent
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SP CAM I

4.2c Please rate your satisfaction with the availability of services of particular importance to architecture students

Poor / none	1	2	3	4	5	6	7	Excellent
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SO SERV P

4.3 Safety

4.3a. To what extent do general campus safety conditions influence whether you work in studio, after hours?

Not at all	1	2	3	4	5	6	7	Very much
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SAF NI I

4.3b How safe do you feel when working in a group, in studio at night?

Not safe at all	1	2	3	4	5	6	7	Very safe
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SAF GR P

4.3c How safe do you feel when working on your own, in studio at night?

Not safe at all	1	2	3	4	5	6	7	Very safe
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SAF IN P

4.4 Signage and way-finding

4.4a How easy is it for visitors or new students to find the architecture building on campus?

Very difficult	1	2	3	4	5	6	7	Very easy
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WAY CAM P

4.4b How easy is it for visitors or new students, to find their way around the school itself?

Very difficult	1	2	3	4	5	6	7	Very easy
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WAY BUI P

4.4c How important is it that there are good signage and other wayfinding elements on a capus?

Very difficult	1	2	3	4	5	6	7	Very easy
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WAY BUI P

Finally, please provide some anonymous

DEMOGRAPHIC INFORMATION

This is not for identification, but so that we can analyse your responses in a broader context.

5.1 Please cross the block that applies to you:

Female

Male

GEND D

5.2 Please cross the block that applies to you: (if you are repeating a subject/s, or straddling years, cross the box for the highest year you are registered for)

1 st year Full time	2 nd year Full time	3 rd year Full time	Part time (3 or less subjects) under graduate	BAS Hons / B Tech	M Arch Prof / M Tech	Post graduate (M Arch / D Arch / PhD)
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YEAR D

5.3 In which age group do you fall?

18 – 20 years	21 – 24 years	25 – 29 years	30 years
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AGE D

5.4 Do you suffer from a physical disability that you believe influences your answers above?

Yes

No

Please specify (note that this is optional, you do not have to give details):

PHYS D

5.5 How do you usually get to campus?							
Own car	University transport	Public transport (bus / taxi)	Lift with parent / friend	Student lift club	Motorbike / scooter	Walk	Other (specify):

TRANS D

5.6 Where do you stay during the academic year?	Parents' home	Own home / flat	University residence	Commune / digs	Rented / shared space
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HOME D

Thank you! Your cooperation provides us with important information and is appreciated.

For office use:

\(administrative coding)\

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Notes:
