Updates on Assessment can be found at:
https://miatedjosaputro.com/2021/04/07/dg-2021-assessments/

2 ASSESSMENT 1 BRIEF

MODULE: DIGITAL ARCHITECTURE, NINGBO UNIVERSITY
MODULE FACILITATOR: DR. MIA A. TEDJOSAPUTO
9 April 2021

Deadline of Assessment 1, Stage 1.4.: May 24th 2021, in Week 13 at 11:59 pm.

This document contains detailed description of Assessment 1. At this stage you would have got your team formation finalised and read the first assessment document *(1- Assessment Brief)* and studied the Week 7 materials (Figure 4) which were the theoretical lenses underpinning of the assessment. There are **five stages** and there are materials to support each stage, see Figures 1 and 2.
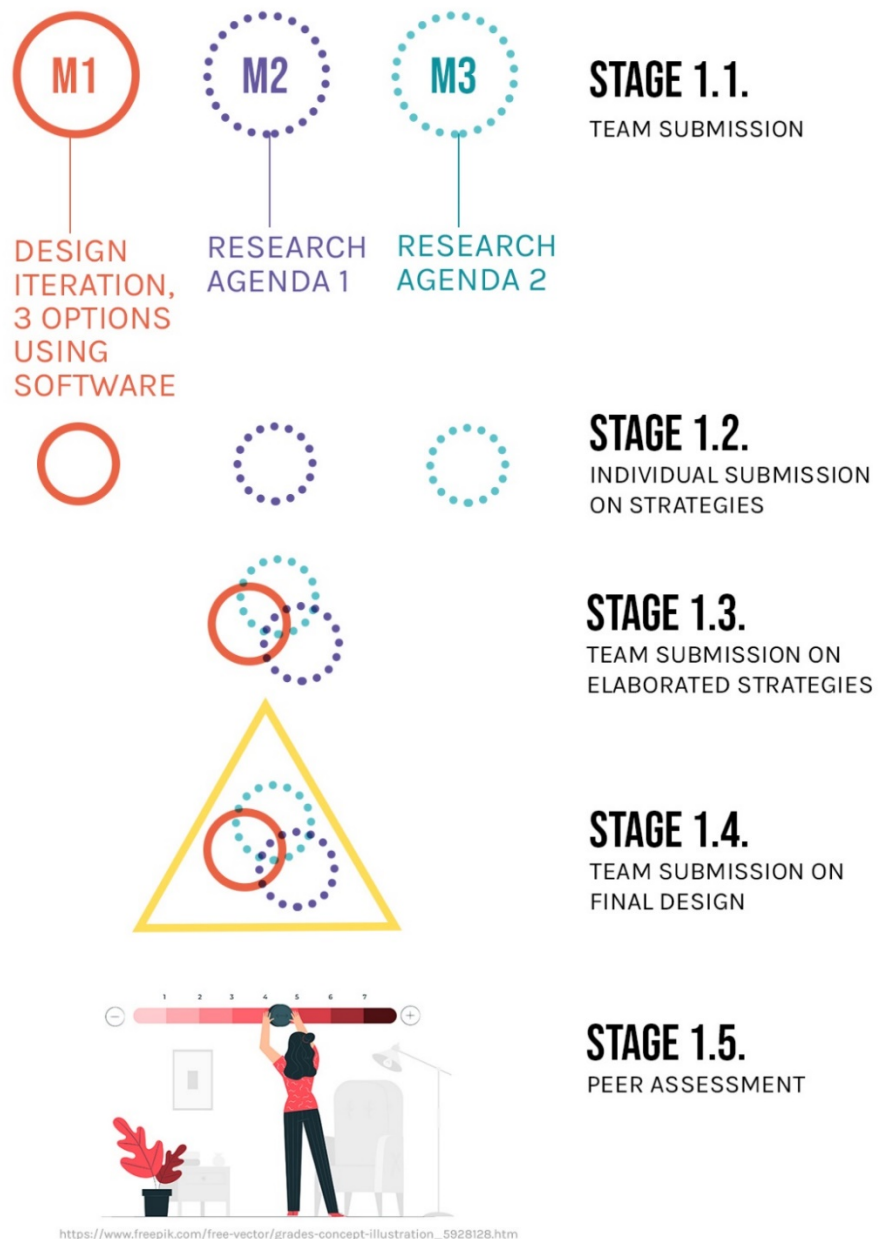

Figure 1. Stages of Assessment 1

DESIGN BRIEF

You are to design a moveable sitting pod for 2-3 people. The footprint is to fit within 3x3m. The brief is open, which means you can define the location and its context. You can define any other information (users, the assembly system, etc), as long as you clarify it in your submission. Below are some examples to provide a better illustration.

Image credit:

Ebb (and Flow) Installation / i/thee
Eco-Sistema Installation / Ramiro Carro - Lucas Ibarra Arquitectos
Shrine of Whatslove / Wutopia Lab
Nesting Plan I Gray-Cheeked Fulvetta / Cheng Tsung FENG

Please try and use Rhino and Grasshopper when designing, and to avoid using your usual software such as SketchUp as it is a different way of modelling. Sketchup uses a 'direct modelling' system, whereas the parametric technique requires **different design thinking** by using algorithm and this is what is ideally exhibited in the submission. And this will also depth in your Assessment 2 submission.

STAGES	DESCRIPTION	EXPECTED PRODUCTS, PRODUCED BY STUDENTS	SUPPORTING MATERIALS, PRODUCED BY MODULE FACILITATOR	SUGGESTED TIMELINE	TYPE OF SUBMISSION	STATUS
1.1.	Defining the scope of work	Statement of collaboration	Stage 1.1. template	Week 8 (19 April 2021)	Group	Mandatory submission in Week 8 (19 April 2021)
1.2.	Individual exploration according to the agreed scope of work	Statement of designated roles	Stage 1.2. template	Week 9 (26 April 2021)	Individual	Mandatory submission in Week 9 (26 April 2021)
1.3.	Collaborative design stage	Recorded collaboration on the dialogue between members. At least 3 meetings.	Stage 1.3. template	Week 10-12 (3 May until 21 May 2021)	Group	To be submitted in Stage 1.4
1.4.	Final design submission	Final design Research statement 1 *(based on chosen research area by M2)* Research statement 2 *(based on chosen area by M3, if there is)* Stage1.1-1.4 documents	Stage 1.4. template	Week 13 (24 May 2021)	Group	Mandatory to be submitted on 24 May 2021
1.5.	Peer assessment - *Review on group members.*	***Under condition:*** *Submitted Stage 1.1-1.4 documents prior peer assessment, otherwise a mark of 40% is given.*	Peer assessment documents	End of Week 13 (28 May 2021)	Individual	Mandatory

Figure 2. Stages of Assessment 1: description

Stage 1.1. defines the scope of work of each group member. This needs to be agreed by all members in the group. A short and concise stage 1.1. document needs to be submitted according to the schedule. Stage 1.1. is more of defining scopes and agreeing on how you work as a team. It is expected that all items be as concise as possible, and communicated in one A4 page as a group.

STAGE 1.1. TEMPLATE	EXPLANATION
Discussed brief	In this stage, general brief is to be re-interpreted and communicated in written form.
Member 1 role and responsibility	A defined and agreed on member 1's roles as the member who has access to the software; and responsibility to avoid clashes. In written form.
Member 2 role and responsibility	A defined and agreed on member 2's roles and responsibility to avoid clashes. In written form.
Member 3 role and responsibility, *if there is*	A defined and agreed on member 3's roles and responsibility to avoid clashes, if there is a member 3. In written form.
Agreement on how collaboration will takes place	Creating a group chat on WeChat? Logging in project management software such as Asana or Trello? Or using Zoom to have a video discussion? How often do you collaborate/ provide each other updates? Group rules? Who is the group leader? Data sharing?

Figure 3. Stage 1.1. template

It is also suggested for each member to take notes on what has been considered related to materials in Week 7 at all times, as you will build on this this in Assessment 2 (your individual work). It is re-iterated in Figure 4.
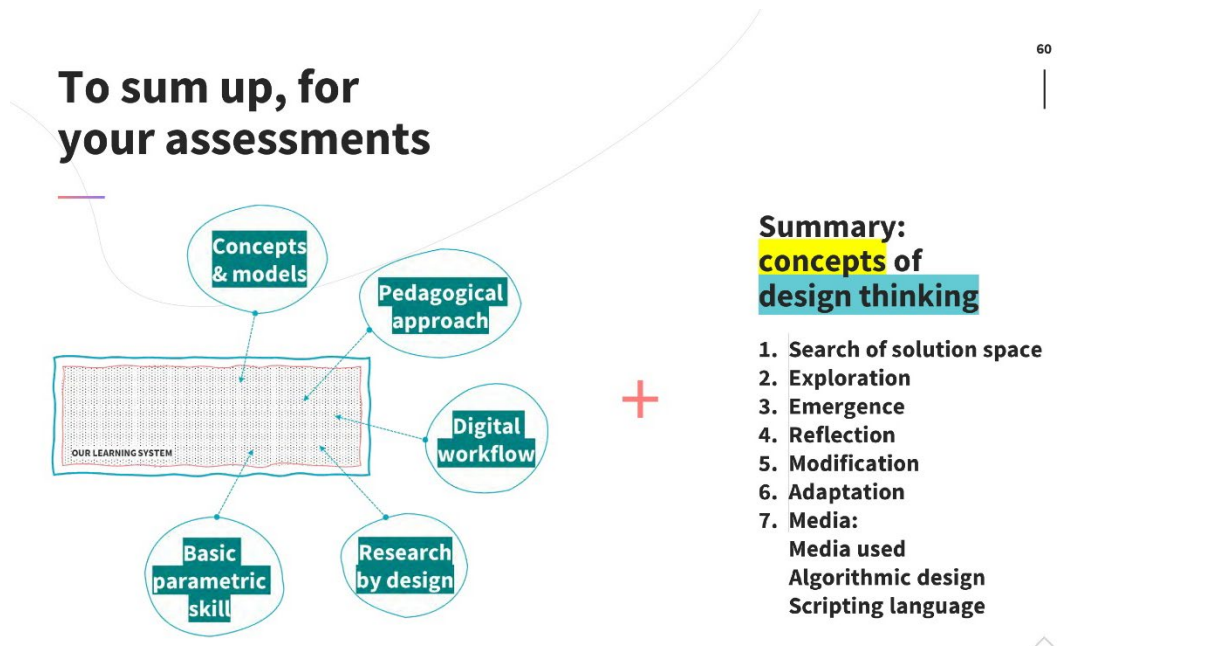

Figure 4. Assessments' theoretical aspects

Stage 1.2. is an individual exploration of the agreed scopes and roles. At this stage you will work individually before bringing your ideas to the team in Stage 1.3. It is suggested that you do not deviate from the team plan as it will create inconvenience to other group member(s). At the end of this particular week, a short description on what you have been exploring is to be submitted according to the timeline. Use this as a way to communicate your idea with your colleagues.

STAGE 1.2. TEMPLATE	EXPLANATION
Agreed item	What you have agreed as a group on stage 1.1.
Exploration on strategy	Be it as member 1 where you explore the software, or your individual research agenda as members 2/3. Aim to produce one A4 sheet, with a concise explanation of your ideas. Possibly include design precedents as part of research evidence.

Figure 5. Stage 1.2. template

Stage 1.3. is where the collaboration happens. It is understood that during this tough time, challenges will occur when you do not get to see each other face to face. Use this time to cope with this challenging time and think that you are a practicing architect and has to work from home. How would you collaborate with your other colleagues? How would you reach out if there are problems? At least three recorded meetings are expected, to be communicated to the module facilitator.

STAGE 1.3. TEMPLATE	EXPLANATION
Meeting 1	Date and time Updates from each member What has been discussed What is the agenda for next virtual meeting
Meeting 2	Date and time Updates from each member What has been discussed

	What is the agenda for next virtual meeting
Meeting 3	Date and time
	Updates from each member
	What has been discussed
	Decision on final design (stage 1.4. submission) and division of labour

Figure 6. Stage 1.3. template

Stage 1.4. is the stage where a final design and research statements are submitted. As I have mentioned before, focus on the process of exercising computational <u>design thinking</u> rather than producing polished 3D rendering. The submission compromises of: 2xA3 of the design and 1xA4 research statement document. If there are two consultants (Member 2 and 3), another 1xA4 research statement document is expected.

STAGE 1.4. TEMPLATE	EXPLANATION
A3 sheet	The ideation process.
A3 sheet	Design statement, including stated contribution of each group member.
A4 sheet	Research statement, in one area as agreed on stage 1.1
A4 sheet *(if there are 3 members in the group)*	Research statement, in the second research area as agreed on stage 1.1 If there are three members in the group.
Stage 1.1.- Stage 1.4 documented process	Peer assessment can be deployed on the condition that stage 11.-1.4 documents have been submitted.

Figure 7. Stage 1.4. template

Stage 1.5. is the peer assessment stage. The assessment will be deployed on Week 13 and it is expected that you submit your peer assessment form by the end of Week 13. Please note that the peer assessment <u>will be moderated</u> to ensure fairness.