CC1S10 SUSTAINABLE INNOVATION PROJECT (SIP)

Lesson 17: CA2 Group Presentation

Recap

Week 16

1. Effectively elicit and capture user feedback

2. Incorporate user feedback into the final solution

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Lesson Objectives

By the end of this lesson, students will:

1. Deliver a coherent and effective presentation to communicate how final solution addresses the problem and meets user needs

2. Reflect on the SIP/ SPEAR/ CCC journey

3. Upload presentation materials to Sharepoint after presentation and complete module survey
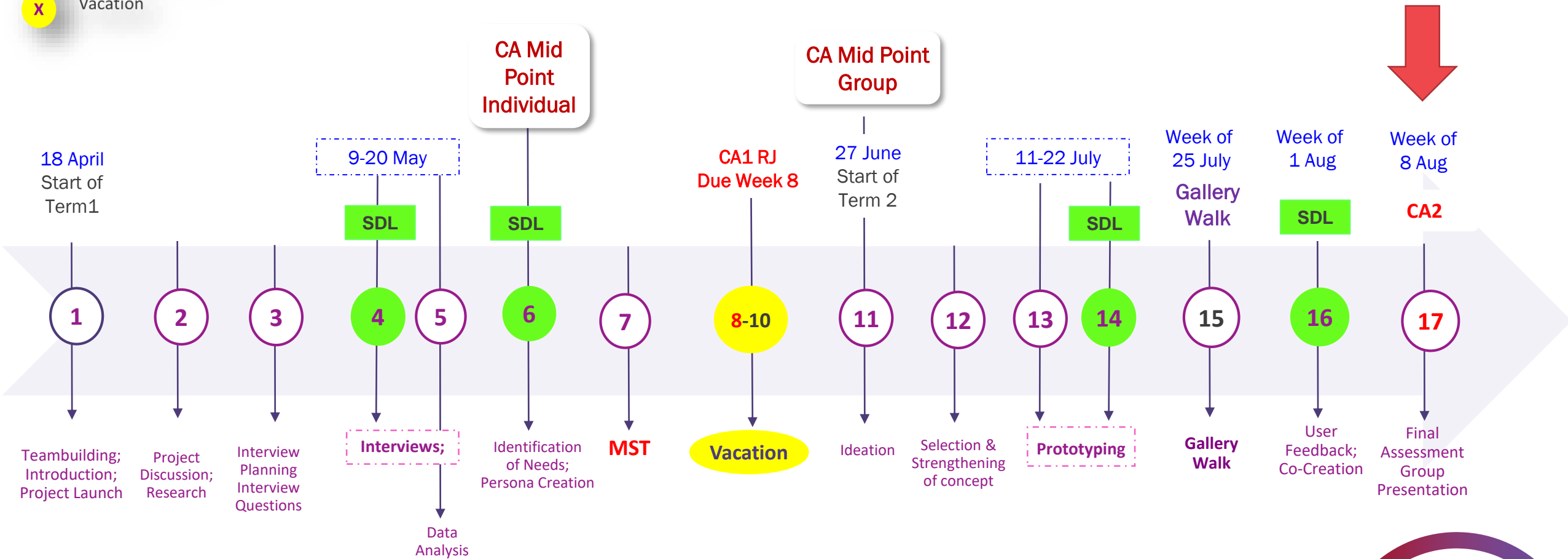
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What's coming up today

1. Present the project specifics coherently for CA2

2. Reflect by sharing thoughts and views on the journey of SIP/SPEAR/CCC

3. Upload the presentation to Sharepoint post CA2 presentation

AY22/23 Semester 1
SIP Schedule

COMMON CORE CURRICULUM
Connect Skills • Create Solutions • Champion Sustainability

SP Singapore Polytechnic

X Week/Lesson
X SDL/Out of class
X Vacation

CA Mid Point Individual

CA Mid Point Group

18 April Start of Term1			9-20 May				CA1 RJ Due Week 8	27 June Start of Term 2		11-22 July		Week of 25 July Gallery Walk	Week of 1 Aug	Week of 8 Aug

SDL (week 4)
SDL (week 6)
SDL (week 14)
SDL (week 16)
CA2

1	2	3	4	5	6	7	8-10	11	12	13	14	15	16	17

- **1** Teambuilding; Introduction; Project Launch
- **2** Project Discussion; Research
- **3** Interview Planning Interview Questions
- **4** Interviews;
- **5** Data Analysis
- **6** Identification of Needs; Persona Creation
- **7** MST
- **8-10** Vacation
- **11** Ideation
- **12** Selection & Strengthening of concept
- **13** Prototyping
- **15** Gallery Walk
- **16** User Feedback; Co-Creation
- **17** Final Assessment Group Presentation

Week	Task	Deadline
17	Complete the reflection by the end of class	By the end of today's lesson (Week 17).
	Upload your group's presentation materials to 'Sharepoint' : • *Refer to SIP Project Submission Guide (Brightspace)* • *Your assessment will not be considered complete until you do so*	
	Indicate interest for implementation of your project by filling up the Google Form (link in Appendix A)	

1

CA2 Group Presentation

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All ready for CA2?

CA2 Checklist	Tick
Final Checks and Preparation: • Did your group rehearse the entire presentation to keep within the presentation time? • Is the signposting for the presentation clear? • Is your presentation coherent and convincing? Are relevant visuals included? • Did your group brainstorm possible questions and answers for the Q&A segment? • Have you done the necessary equipment and audio checks (if you are using videos)?	☐ (by Week 16/17)

CA2 Group Presentation

Pitch Content	Deliverables
• **The Problem:** Understanding of problem and user's needs) • **The Design Process & Strengthening the Original Concept):** Explanation of original concept, user feedback and application of concept strengthening framework • **The Final Solution:** Explanation of how final solution works, considering user's feedback and needs, its unique value & resourcing considerations • **Q&A**	• **Group Presentation: (refer to timing** below) – Each student must have a speaking role – Each group will be given <u>20 minutes</u> to present • **Q&A:** – Each student must respond to at least one question – <u>2 minutes per student</u> will be set aside for Q&A (e.g., a team of 4 members will have 8 minutes for Q&A) • **Deliverables** 1 set of PowerPoint slides containing relevant text and pictures of the required content areas

- Be aware of timing and requirements

- A penalty of 10 marks for students who arrived after 1st presentation has started

- Your CA2 assessment not complete until you have uploaded your slides on Sharepoint
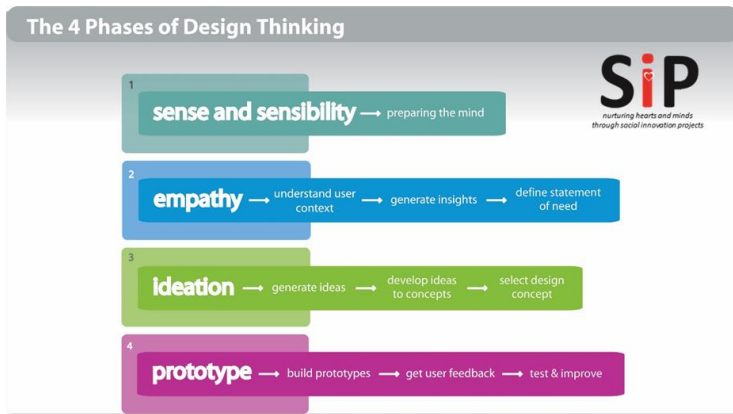
HAVE A
5 MIN
BREAK!

2

Post-SIP CA2

My Reflection on SIP/SPEAR/CCC

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We have come to the end of our SIP module!

The 4 Phases of Design Thinking

We hope SIP has allowed you to discover more about:

- Your user and the societal issues surrounding them (Empathy)
- The importance of primary and secondary research
- The value of Design Thinking in developing an effective solution for a local user in need
- Your personal growth

We have come to the end of our SPEAR journey!

What does **SPEAR** stand for?

Self-directedness — Perspectives — Articulation

SPE**AR**
Foundations For The Future

Empathy — Resilience

■ Skills ■ Qualities

SPEAR Roadmap

30hrs/2CUs + **Yr 1 Sem 1** 30hrs/2CUs + **Yr 1 Sem 2** 45hrs/3CUs = **Yr 2 Sem 1 or Sem 2** **3 Modules** **7CUs**

Critical and Analytical Thinking → Narrative Thinking → Design Thinking for Social Innovation

Sequential modules: build, reinforce & practise skills

We hope this journey has been meaningful and you have picked up valuable life skills!
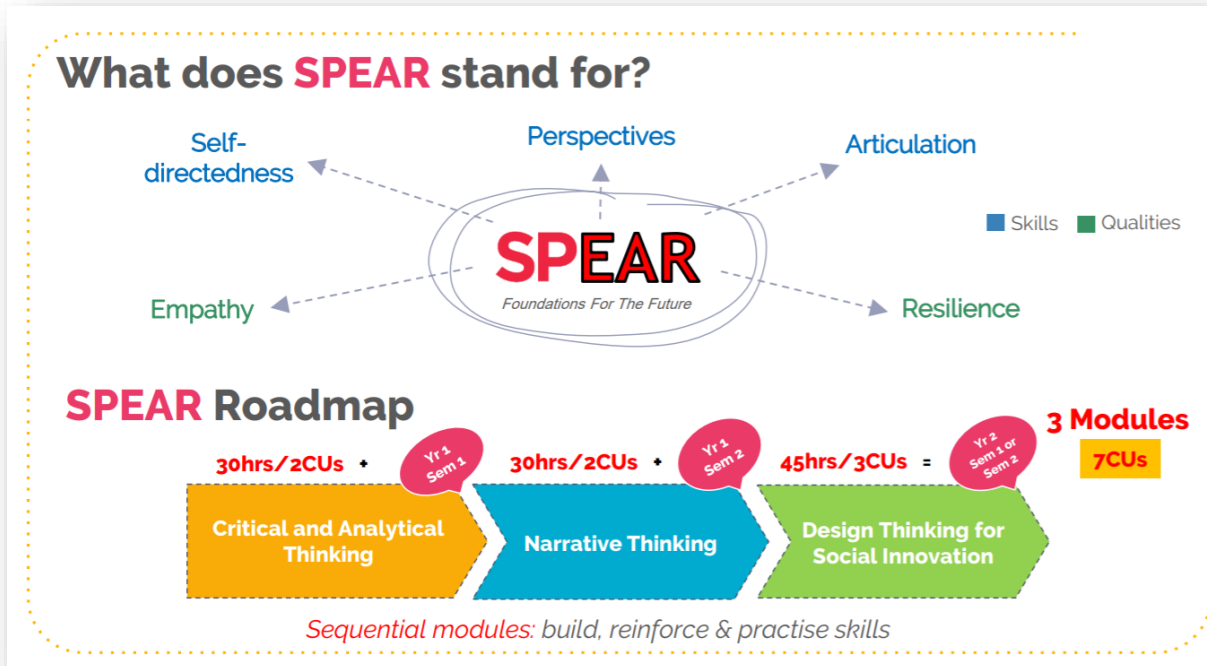
CAT:
- Critical thinking skills,
- Information literacy,
- Formulating a persuasive argument

NAT:
- Narrative frameworks
- Messaging techniques
- Effective persuasion

SIP (see previous slide)

We have come to the end of our CCC Journey!

We hope the CCC journey has helped you to develop **critical human and emerging digital skills** through an **inter-disciplinary** learning experience.

Through the 10 modules, you will:

1) **Think critically** about real-world problems framed by the UN SDGs
2) **Empathise with local and global** communities
3) Be challenged to **effect change** with the skills acquired
4) Build a **better and more sustainable** Singapore and world

Thinking Critically about the UN SDGs

Data Fluency

Artificial Intelligence and its Impact

Persuasive Communication with Data Storytelling

Problem Solving with Creative & Computational Thinking

Digital Communication for Impact

Collaboration in the Digital Age

Effective Writing for the Workplace

Personal Branding and Career Agility

Sustainable Innovation Project

Share your reflection on these questions and submit it on MS Teams

What is 1 thing that left a lasting impression on you after your SIP journey?

What is 1 life skill that you have picked up from your SPEAR or CCC journey that will be relevant and useful in your future?

You have
20 minutes

Want to bring your ideas to life?

- Your journey does not need to stop here...

- Take your SIP solution further to make life better for someone in our society!

- If you and your team are keen to implement your ideas visit this link: https://forms.gle/rkfkRZ7PswK94ZT26 or scan this QR Code:

- Register your interest by the end of Week 18

- **Only shortlisted groups will be contacted.**

Let's Clean up

- Clear the room of any leftover project materials e.g. paper, cardboard etc.

- Dispose of the materials in the recycle bins around our campus

- Let's work together to create a conducive learning environment for everyone.

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