Week 3 Workshop

COS10025 – Technology in an Indigenous context project

Acknowledgement of Country

We respectfully acknowledge the Wurundjeri People of the Kulin Nation, who are the Traditional Owners of the land on which Swinburne's Australian campuses are located in Melbourne's east and outer-east, and pay our respect to their Elders past, present and emerging.

We are honoured to recognise our connection to Wurundjeri Country, history, culture, and spirituality through these locations, and strive to ensure that we operate in a manner that respects and honours the Elders and Ancestors of these lands.

We also respectfully acknowledge Swinburne's Aboriginal and Torres Strait Islander staff, students, alumni, partners and visitors.

We also acknowledge and respect the Traditional Owners of lands across Australia, their Elders, Ancestors, cultures, and heritage, and recognise the continuing sovereignties of all Aboriginal and Torres Strait Islander Nations.
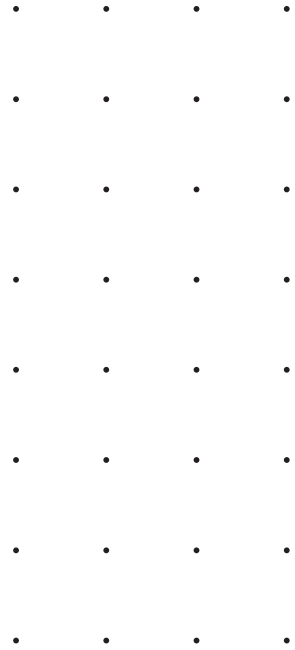
Workshop 2 Check-ins

- Team Agreement (email to facilitator) – Please make sure to submit your Team Agreement with appropriate details to be covered

- Team - Check your names under team/group page in Canvas, if you missed last weeks Workshop, please request to join a team asap

- Meetings - Lock in facilitator meeting timings (MS Teams or on-campus)

Email Etiquette

- **Why important:**
  - I can receive ~100 emails/day
  - Using good email etiquette saves time, and <u>gets results</u>

- **Subject:** clear, direct, e.g. COS10025 Wk07 Group 2 Meeting.

- **Professional greeting:** e.g. Dear …, Hi … <u>NOT</u> Yo, G'day, ….

- **Text content:** clear, concise, details, what do you need, when, …

- **Sign off:** full name, contact details or group details

- **NOTE:** COS10025 has many workshops held on the same day, so be very clear

- What assumptions have I made?

Setting up MS Teams Meeting

- Most email accounts can create MS Teams meeting appointments

- Proper meeting appointments:
    - Efficient way of setting up meeting
    - Allow participants to accept/decline proposed time
    - Fix time (& reminder) in calendar
    - Link to meeting is in an easy to find place
    - Allow relevant docs to be attached

- Most professional workplaces use meeting appointments

Setting up MS Teams Meeting

- Outlook calendar → New Teams Meeting
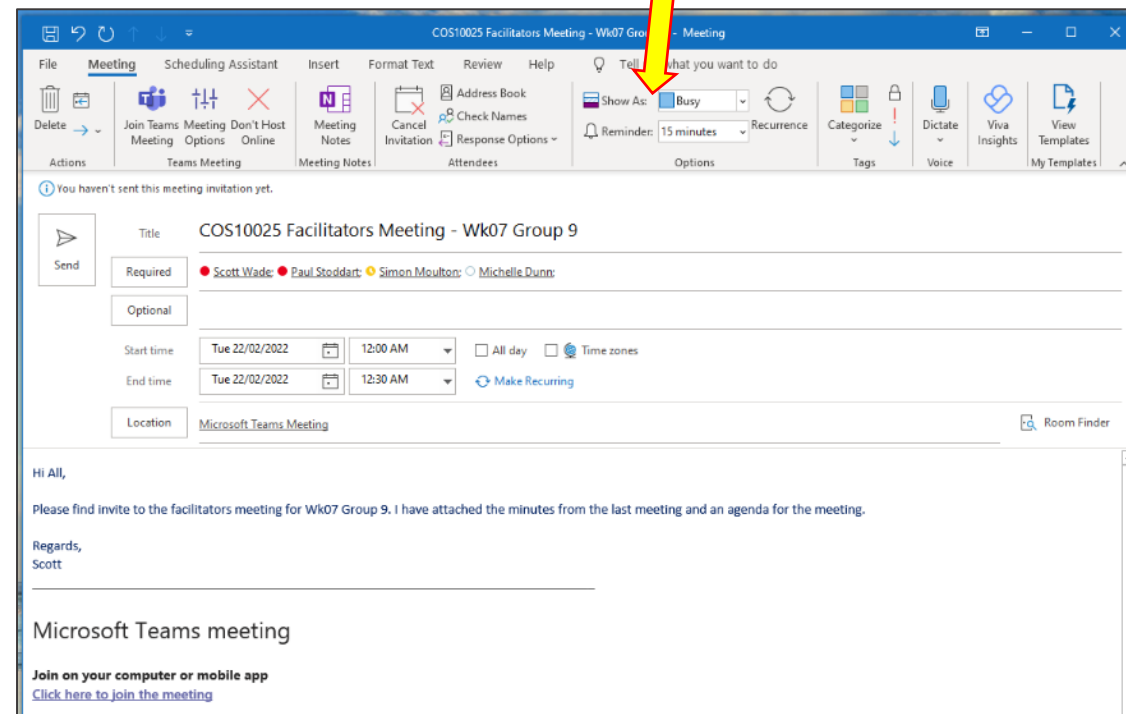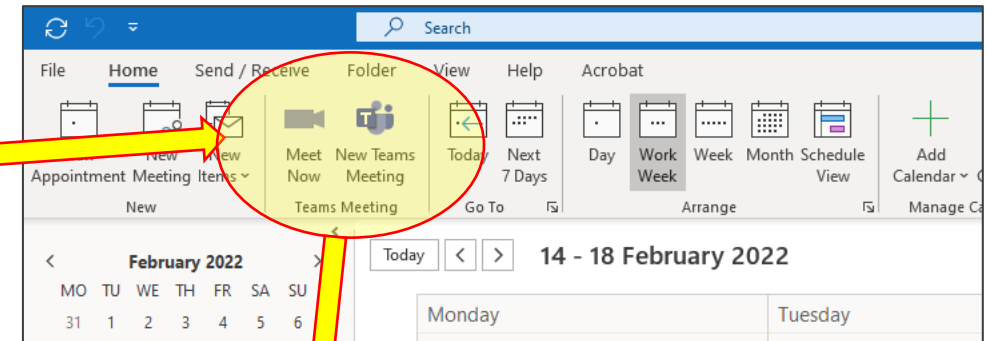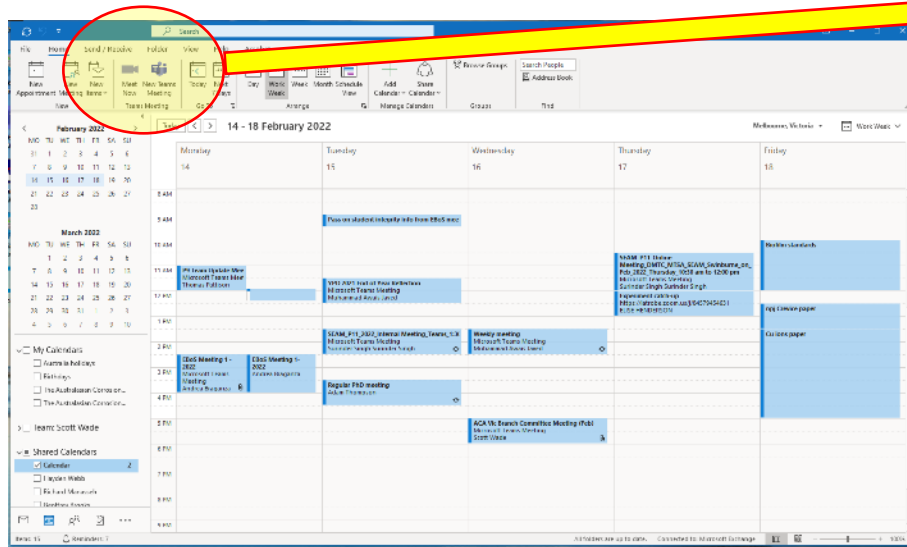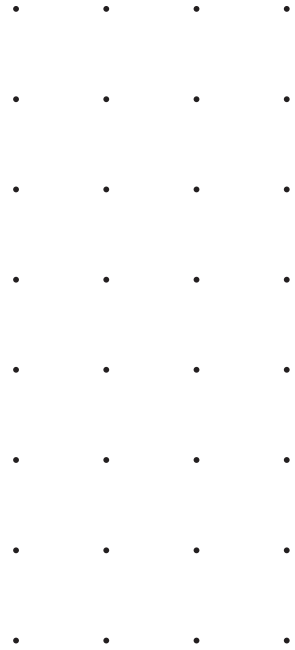
Workshop 3

The aim of today's class is to consider individual learning issues within your team and how it builds your research problem.

Activity 1: Construct a Topic Tree

Activity 2: Identify learning issues related to the project

This semester's project

Digital Connectivity Infrastructure for Remote Indigenous Communications

- What is the actual project?

- What information do I know about the problem?

- Are there any specific requirements/areas need to be addressed?

- What are the constraints?

- What assumptions have I been making?

This semester's project

Digital Connectivity Infrastructure for Remote Indigenous Communications

- Analyse current challenges and needs of communication technologies and services for remote Indigenous communications in particular regions

  – Analysing Indigenous communities for remote communication coverage against the population of communities (major cities, regional, remote, very remote).

  – Estimating total communications infrastructure expenditure

- Explore user access, affordability, digital literacy, and Indigenous education rates in relation to the communication infrastructure

  – Analyse user access based on the Indigenous communities' need for day-to-day activities in remote areas

  – Ensure the affordability, digital literacy of typical applications used in an indigenous remote communities

- Access and equity, health and safety, environmental health, appropriateness, affordability, sustainable livelihoods

Assessment #1: Research Report

- Summarise the outcomes of the discovery phase of your project

- Individual assessment

- **Due date:** 2nd Sep 2022, 23:59 pm

- **Marks allocated:** 20% of your final mark

- **Recommended word-count range:** 1500-2000 words

- **Aim of this task:**
  - show ability to find useful resources related to your project
  - show ability to convey this information in a written form

- Is there a template?   YES!

- Should I use the template?   YES!

Construct a Topic tree

Topic Tree

Topic tree will help to communicate you and your team

- How to identify key issues and challenges?
- How to integrate and craft them as problems? &
- List the problems to form as learning issues.

The Plant Family Tree

Gymnosperms
Plants with cones

Seedless Vascular
Plants with veins and no seeds

Seedless Non-vascular
Plants with no veins and no seeds

Modern Green Algae
Single and multicellular algae

Monocots

Angiosperms
Flowering Plants

Dicots

Ancestral Green Algae

SWINBURNE UNIVERSITY OF TECHNOLOGY

Case Study Topic Tree
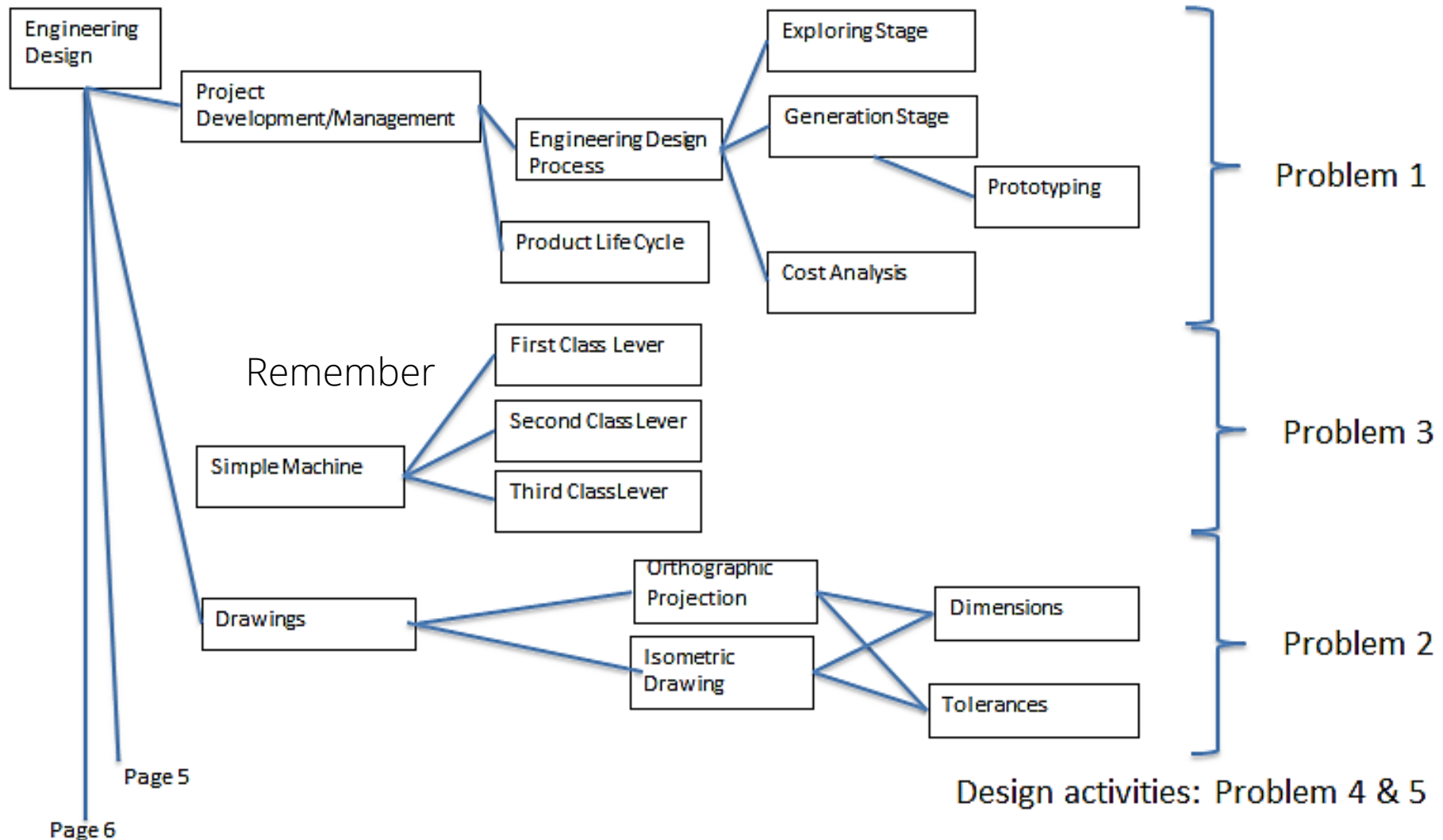
1ˢᵗ Activity

Aim : How to construct a Topic tree? (The topic tree concept will allow a team to break down the problem in to sub-topics)

Instructions :
1. Analyse and discuss your project/problem with the allocated Township?
2. List the relevant issues, challenges and needs of the local communities?
3. Order related issues or challenges into small groups?
4. Identify key issues or challenges (High/low priorities)
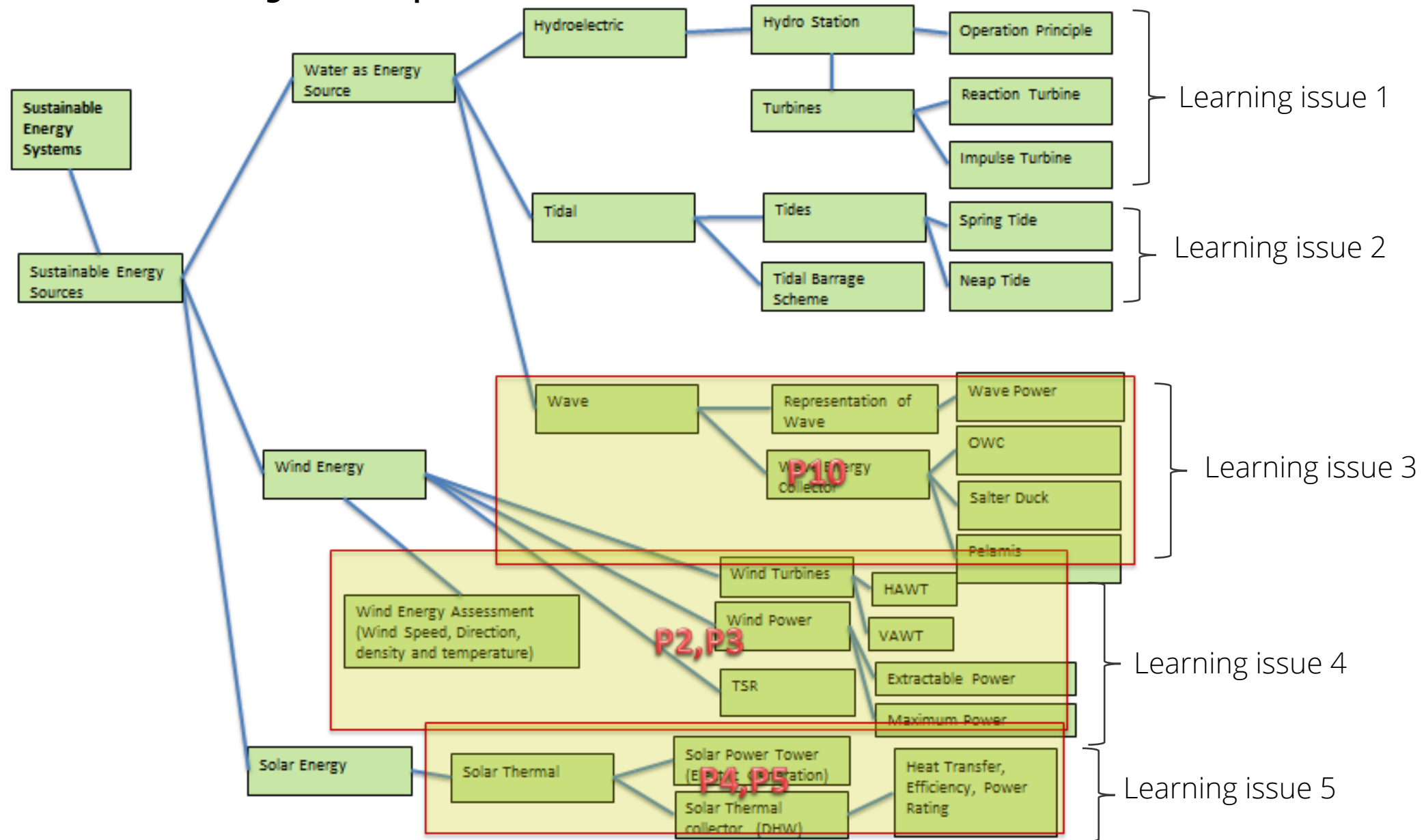5. Construct a topic tree for the allocated township?

Teamwork: 25-30 minutes

Activity 2

Identify learning issues related to the project

Case Study Topic Tree

2nd Activity

Aim : <u>Identify learning issues -</u> From the designed topic tree (with identified issues and challenges)

Instructions :
1. Identify parts of the topic tree to be integrated and crafted as problems P1, P2, P3.....
2. Try to group problems in to a learning issue.
3. Summarise the list of problems formed as learning issues (P1 + P2 = learning issue 1). A team should have 5-6 learning issues sorted.
4. Now check how those learning issues build towards your research problem.

Teamwork: **20-30 minutes**

Next week

- Finalise a learning issue for an individual team member

- Explore on Assessment 1 Research report