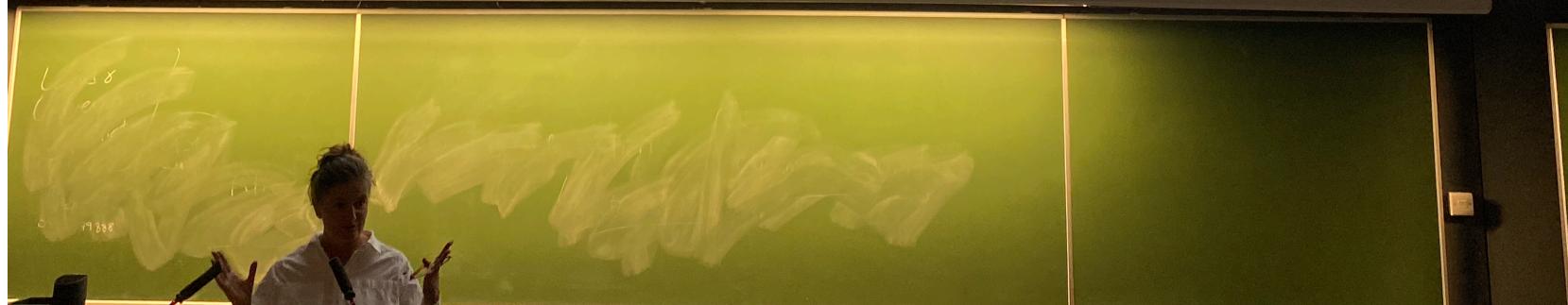


Module Evaluation and Marking

- Team mark, allocated to each participating team member

Deliverable	Type	%Weighting	Submission deadline
Innovation Report	Group	20%	Friday 21 st October 2022
Innovation Presentation	Group	40%	Friday 18 th November 2022
Dissertation Critique	Group	10%	Friday 2 nd December 2022
Innovation Critique	Group	5%	Friday 2 nd December 2022
Research Plan	Individual	25%	Friday 16 th December 2022

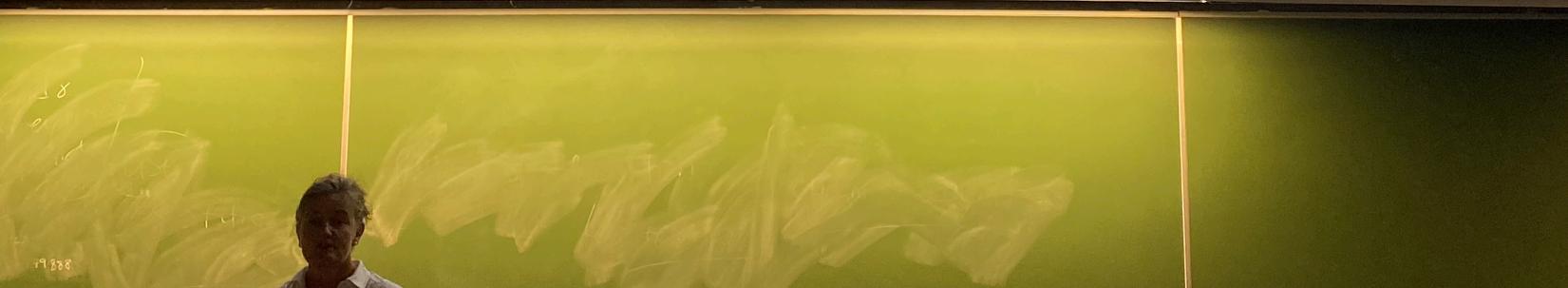


Individual work has 1 deliverable

due 16th Dec

Research Plan

- For your individual MSc research project, submit a research plan captured in a set of 6 slides providing the following information
 - research canvas (as per template given in class) and supported by relevant references from your reference list.
 - motivation statement (approx. 150 words)
 - list of at least 7 references which support your research idea, method and motivation
 - research project Gantt chart
 - an explanation of whether or not you require to get ethical approval for your research.
 - list technical and research skills you have or hope to develop to carry out your research project.



**Module CS7CS6
Research and Innovation Methods**

Students: MSc in Computer Science- 6 groups
(Data Science, Intelligent Systems, Augmented and Virtual Reality, Future Networks, Year 5s, Smart and Sustainable Cities) – Different deadlines for dissertation submission for the year 5s compared to the other groups.

Delivered by
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Module Overview

1. Innovation Methods

- a) Lean Startup and Customer Development
- b) Business Model Canvas
 - a) Value Proposition & Interviewing
 - b) Channels
 - c) Customer Segments
 - d) Customer Relationships
 - e) Revenue Model,
 - f) Key Partners, Key Resources and Activities & Cost Structure
- c) Responsible Innovation - Ethics Canvas

2. Research Methods

- a) Library skills by Subject Librarian- Andrew Jones
- b) Research Canvas development
- c) Research ethics in the school of computer science and statistics
- d) Dissertation critique
- e) Dissertation Planning
- f) Academic writing



Assessment Process

1. This module is assessed by 100% coursework.

would switch between groups

2. The coursework component comprises

- a) One group assignment with multiple parts.
- b) ~~Two~~ individual assignments

research plan related to own dissertation

3. Assignment work will be submitted via blackboard.

could not relate to the own dissertation if anything changed

ddl for individual one?

16th Dec 2022



<http://www.clker.com/cliparts/7/4/e/a/14985537101004445094quercus-coccinea-acorn.hi.png>

Assignment Overview

1. Group Work

- Each student will be allocated into groups *from past students*
- Each group will be assigned an MSc dissertation
- As a group, use the dissertation, in conjunction with the innovation related course material, as the seed for an innovative technology-based business model.
 - prepare and present (using blogs and presentations) a business plan for a start-up technology business using work presented in the assigned MSc dissertation as seed.

2. Individual Work

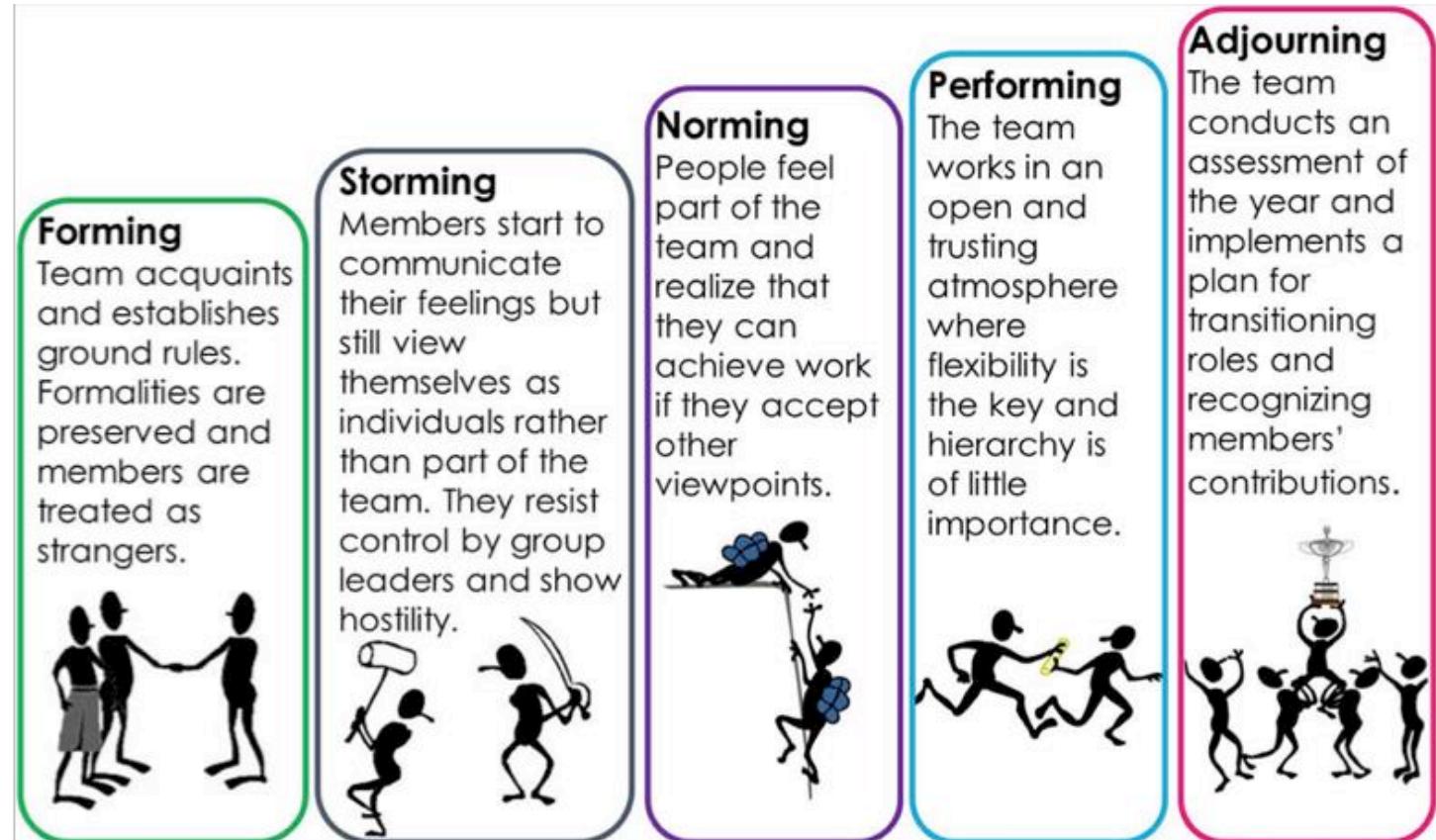
- Reflect and report on the group work.
- Critique the dissertation allocated to your group.
- Conceive of a research question and develop a research plan to support answering that question.



Full Assignment Sheet (showing submission deadlines and marks breakdown) will be available via Blackboard

Working in Groups

1. There are advantages and challenges.
 - Conceiving of the idea
 - Carrying out the work
 - Collaborative reporting of the work
2. Stages of group formation (Tuckman 1965)
3. Roles in the group – e.g. Originator, Energizer, finisher, shaper, coordinator, collaborator – see literature review paper on blackboard.
4. Encourage respectful discourse.



Next Steps for you

1. Introduce yourself to your group members in the BB groups.
2. Begin reading the dissertation allocated to your group with a view to determining a potential innovative technology-based business model.
3. ~~Check out the videos uploaded onto blackboard.~~



next week we will have our group formed before next lecture