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CS7CS6: Research and Innovation Methods

Assignment Overview
2021-2022

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Coursework (100%)

Coursework will consist of a

- Group project with 4 deliverables.
- Individual work of 2 deliverables.

Rationale: Group Project

- Start thinking about the innovation process **in the real world**, including ethical considerations
- Practice team-work, particularly teamwork online this year.
- Practice implementation of the innovation process.
- Reflect on evidence for pivots
- Reflect on the process and see how it relates to the process of research.
- Opportunity to read, reflect on and engage with an MSc dissertation.

This is the first time this module/assignment is being run online while other modules are in person. So, patience is asked for from my side and yours. If there are any difficulties let us know.

Group Project 2021/22

You will be allocated into groups to work on the group aspects of this assignment.

Each group will be assigned a dissertation report.

As a group, use the dissertation, in conjunction with the innovation related course material, as the seed for an innovative technology-based business model.

Throughout the module, using course related material, create blogs and presentations which communicate how your innovative technology-based business model is progressing.

Group Project has 4 deliverables

1. Blog 1-

Contribute to a blackboard blog on your business model for an innovation based on the dissertation topic covering the **value proposition, customer segment and channels, and the hypotheses** you have formed to test elements of the model.

2. Presentation-

- Prepare and submit to blackboard a recorded 5 minute group presentation which contains the following slides
 - Title slide which includes your names and student IDs
 - Innovation idea and how it relates to your assigned dissertation.
 - A summary of the hypotheses you are testing and any evidence or pivots to date.

3. Blog 2-

Contribute to a second blackboard blog on the **further hypotheses, evidence collected and pivots** in your model on different blocks attempted in the business model canvas and on the ethics canvas for your group's area of innovation.

4. Final Presentation-

Contribute to a final presentation on your business model summarising the hypotheses tested, evidence collected and pivots on different fields attempted in the business model canvas and the ethics canvas and your final assessment of the viability of the business model.

Individual work has 2 deliverables

1. Reflection and Critique

- Reflection on the process and outputs of the team work. (approx. 250 words)
- Critique of the research described and presented in the dissertation assigned to your group. Based on lecture notes, learning from the group assignment processes and marking scheme for your dissertation, each student should determine the categories for critique. (max 500 words)
- Reflection on the process and outputs of the individual work. (approx 250 words)

2. Research Plan – See examples on Blackboard.

For your own 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)
 - 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 of both technical and research skills you have or hope to develop to carry out your research project.
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Module Evaluation and Marking

Team mark, allocated to each participating team member

Project Criteria

- Adherence to the criteria (see earlier slides)
- Participation in your Blog
- Quality of the presentations, plan, reflections

Deliverable	Type	%Weighting	Submission deadline
Blog 1	Group	5%	Friday 1 st October 2021
Presentation	Group	10%	Friday 1 st October 2021
Blog 2	Group	25%	Friday 22 nd October 2021
Presentation	Group	25%	Friday 12 th November 2021
Reflection	Individual	10%	Friday 26 th November 2021
Research Plan	Individual	25%	Friday 3 rd December 2021

That's All
Folks
Thank You
for Listening

