CAPSTONE PROJECT 1 BRIEFING

Capstone Project-1 Discussion

Capstone Project

- The Capstone Project is a form of independent research designed to prepare students for professional/industry practice.

- It differs from a conventional research project/dissertation in that the emphasis is on the application of the skills and knowledge acquired during the DSBA course to address a real world problem through the processing and manipulation of actual data sets.

- This contrasts with a traditional research project are often theoretical or academic in the focus and orientation

Capstone Project 1

- The Capstone Project is divided into two modules, Capstone Project 1 (CP1) and Capstone Project 2 (CP2), which delineate between the research and simulation/application stages of the project.

- For CP1 you are required to organize, plan the various tasks required for successful completion of the project, leveraging the topics covered in RMCP to appropriately formulate a suitable methodology to support the project.

Capstone Project 1

✓ Students will take the accountability to organize, plan and carry-out various tasks required for successful completion of the project.

✓ This phase focuses on the research, scoping, designing and planning of the project.

✓ Project proposals will be presented as a report followed by oral presentation at the end of the semester.

✓ Upon successful completion of this phase, students will continue with Capstone Project Part 2 where the project outcomes will be created and delivered.

CLOS

- **CLO1**: Formulate the strategies and initiatives to evaluate real world problems.

- **CLO2**: Propose a solution by effectively planning the entire activities of the project.

- **CLO3**: Perform an oral defense to justify the proposed solution.

MQA's Learning Outcomes

DSBA

Develop **analytical and investigative knowledge and skills using data science tools** and techniques, and to enhance data science knowledge and critical interpretation skills.

Understand the impact of data science upon modern processes and businesses, identify, and implement specific tools, practices, features and techniques to enhance the analysis of data.
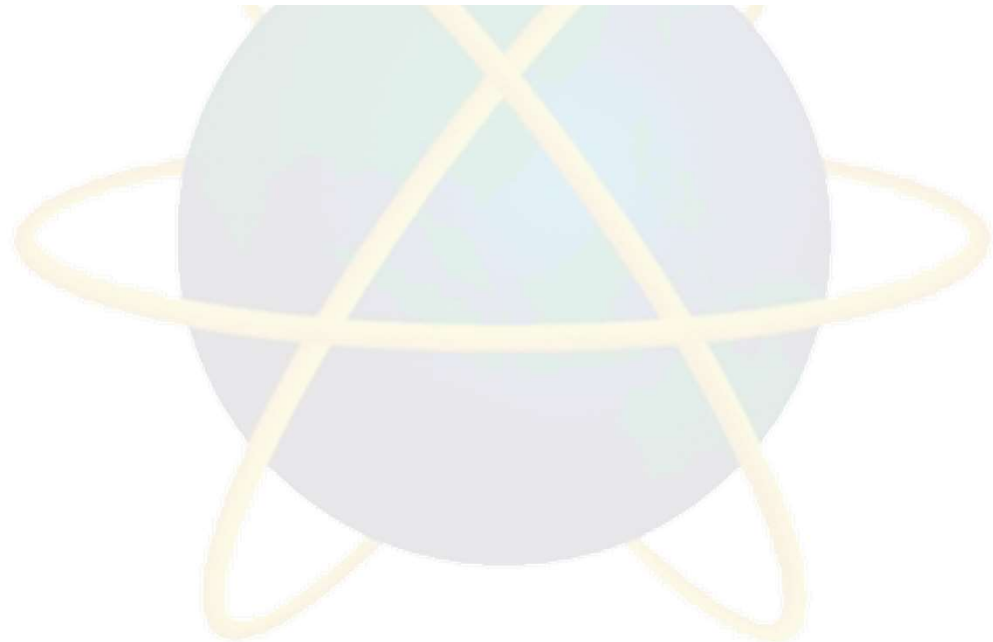
CP1 Structure

- Introduction: Background, Problem Statement, RQs, Aims, Objectives etc

- Literature Review: Systematic LR of extent research in your area – with appropriate critique

- Methodology: Sufficiently detailed and appropriately justified

Note: Collectively they represent the first 3 chapters of the final (CP2) report

Plagiarism guidelines

6. **DUPLICATION** – the resubmission of any part of a previously submitted element of assessment which has been used to gain academic credit, eg submitting the same piece of coursework for two different modules.

ASSESSMENT CRITERIA

C1 General Structure, Formatting and Layout

C2 English Writing, Grammar, and Spelling

C3 Chapter 1: Introduction

C4 Chapter 2: Literature Review

C5 Chapter 3: Research Methods

C6 Research Plan

C7 Citations and References

C8 Oral Presentation

C9 Quality of Presentation Aids

C10 Questions and Answers

Supervisory Meeting

- Meet your supervisor at least 3 times

- Meet your second Marker once (Optional)

- Document your meetings by completing the log sheets

- Appropriately scope your project so as to be able to complete in time!!!

Referencing Style

- APA Referencing Style
- http://library.apiit.edu.my/apa-referencing/

Forms

- Ethics

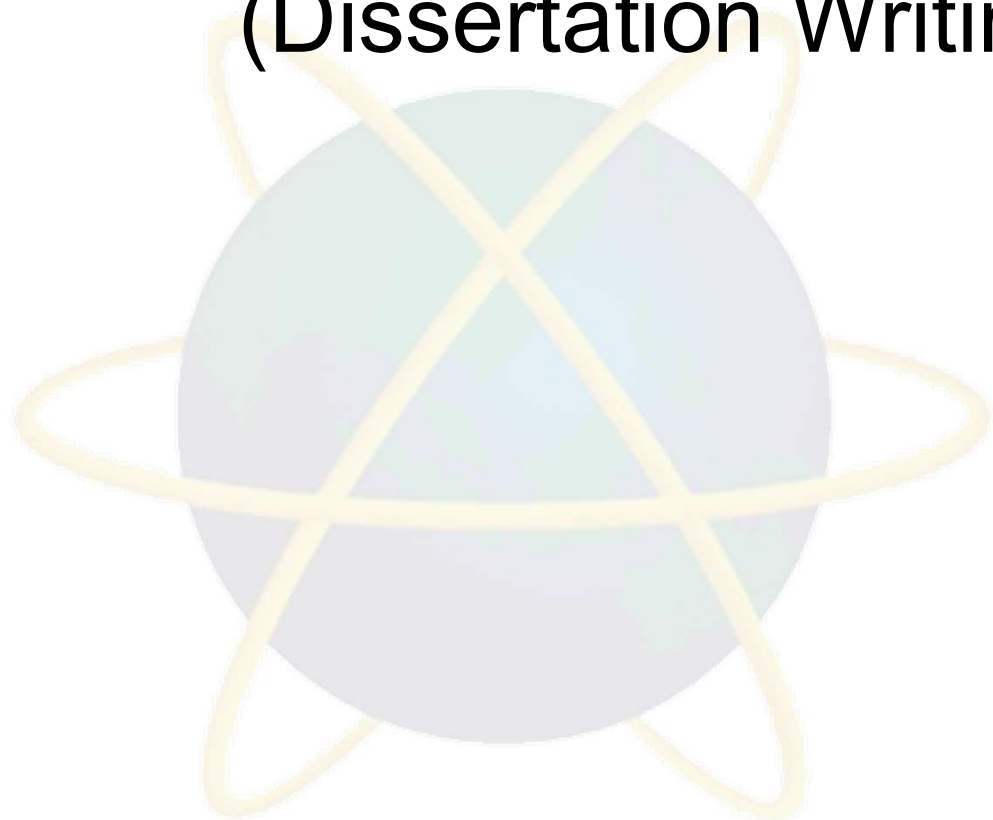https://lms2.apiit.edu.my/mod/folder/view.php?id=2299

All other documents

https://apiit.atlassian.net/wiki/spaces/PBR/pages/1721794591/Masters+by+Coursework

Project handbook

- Kindly refer to project handbook for the format, etc.

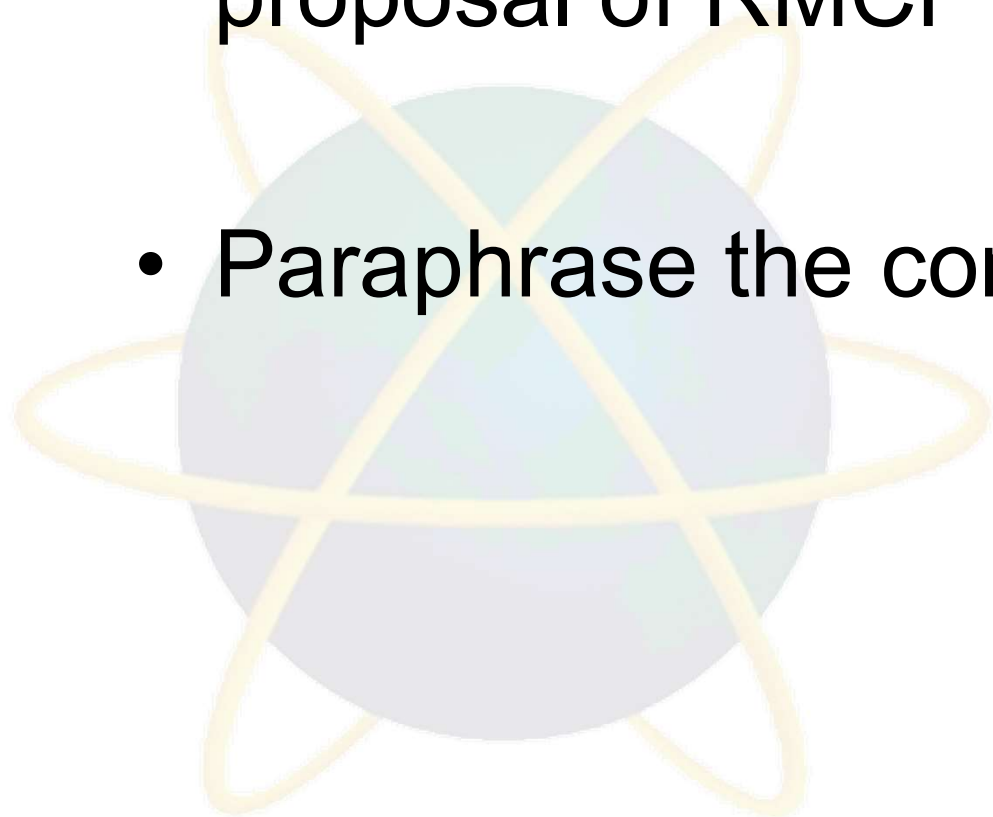 (Dissertation Writing guide)

Project Presentation

- Must arrange live presentation with your Supervisor and Second Marker based on their common slots. (Marking is done based on this)

- Post the recording and presentation slides in the submission portal on Moodle (amongst all additional necessary attachments – for record purpose)

Presentation Outline

- Introduction
- Research Background
- Problem statement
- Aim, Objectives & Scope
- Research Questions
- Literature Review
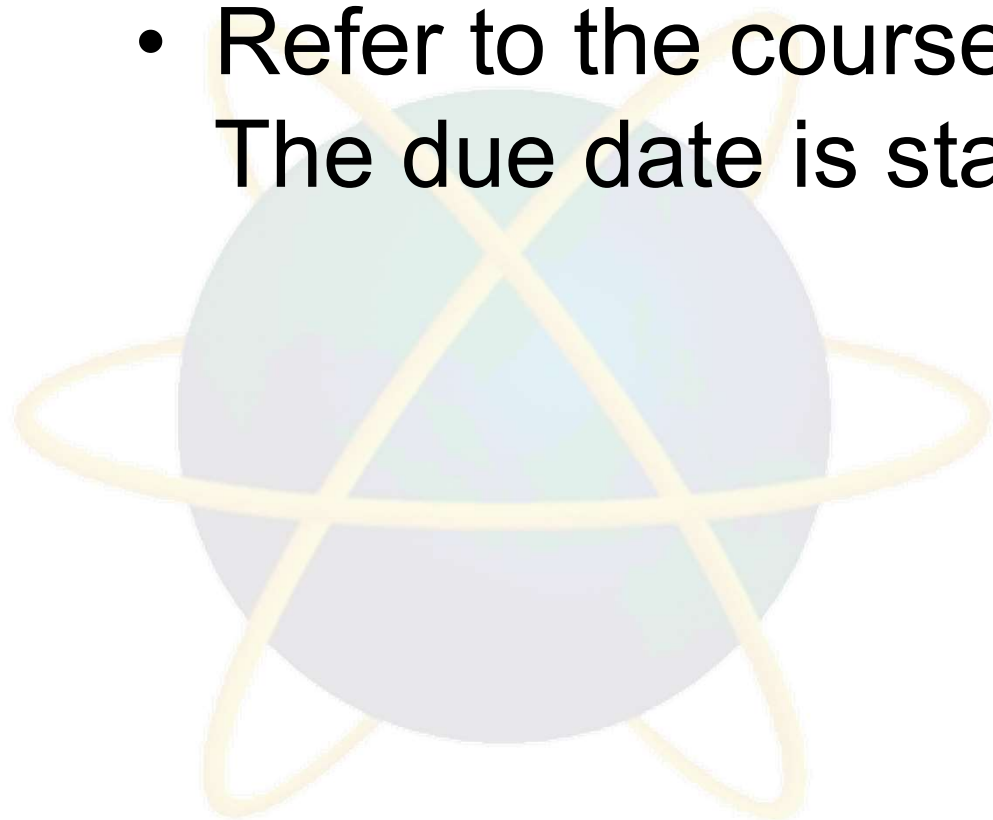- Methodology
- Project Schedule/Plan

Similarity/Plagiarism issues

- Try to keep the RMCP contents as below as **15%** when you decide to do the same proposal of RMCP in CP1.

- Paraphrase the contents accordingly

Project Submission Deadline

- 7th April, 2023.

- Refer to the course schedule in Apspace; The due date is stated in there.

Link to access all necessary documents/templates/information

- Students can access the ethics forms, referencing guide, thesis writing guide, project handbook, and document templates from this link.

https://apiit.atlassian.net/wiki/spaces/PBR/overview

Q & A