



MONASH University

Information Technology


FIT3161

Computer Science Project 1

Semester 2, 2020

Seminar 1

- Introduction to unit



Welcome to FIT3161 Computer Science Project 1

FIT3161

Computer Science Project 1

- Chief Examiner: Assoc. Professor Bernie Jenny
 - Office: H6.23 (Caulfield)
 - Email: Bernie.Jenny@monash.edu
 - Clayton lecturers:
 - ❖ Bernie Jenny – Bernie.Jenny@monash.edu
 - ❖ Poh Lim (Mary) – Poh.Lim@monash.edu.au
 - Malaysian lecturers:
 - ❖ Vishnu Monn – Vishnu.Monn@monash.edu
 - ❖ Kamalahshunee Velautham – Kamalahshunee.KVelautham@monash.edu
- Please use your Monash account for all emails to lecturers and tutors
- It would be preferable to use the Ed Discussion forum to post any queries.

Terminology and Unit Codes

FIT3161 - Computer Science Project I (CS Project Semester 1 or CS1)

FIT3162 - Computer Science Project II (CS Project Semester 2 or CS2)

FIT3163 - Data Science Project I (DS Project Semester 1 or DS1)

FIT3164 - Data Science Project II (DS Project Semester 2 or DS2)

Dear students – NB: Please DO NOT use the ambiguous term Final Year Project / FYP as there are many different streams / semesters! Use the terminology above!

Format

Both the **CS Unit** and **DS Unit** are across 2 semesters.

First semester – a lot of commonalities / alignment between **CS1** + **DS1**

Second semester – version-specific differences

IMPORTANT: Failing first semester means you have to RETAKE first semester.

Seminar & Workshop sessions (Clayton)

- Lectures (Seminar):
 - Pre-recorded and will be made available by Monday 3pm
 - Q & A session on Monday 2pm (starting in Week 2)
- Workshop:
 - Monday 3pm (during scheduled Seminar time)
 - No workshop in week1
- Clayton tutors:
 - ❖ Daniel Jitnah (Daniel.jitnah@monash.edu)
 - ❖ Varun Mathur (Varun.Mathur@monash.edu)
- Consultation: TBA (on Moodle)

Resources

- Unit Web Page (Moodle):

[FIT3161 Computer science project 1 S2 2020](#)

- Downloads:
 - Lecture notes in *.PDF format
 - Reading materials and videos
 - Workshop questions and solutions
 - Case Studies
 - Project descriptions

Recommended Reading

Recommended Reading:

- Schwalbe, K.. (2015). Information Technology Project Management. (8e) Cengage Learning
- Brewer, J.L., & Dittman, K.C.,. (2013). Methods of IT project management. (2nd Edition) Purdue University Press.
- Kerzner, H. (2013). Project Management: A Systems Approach to Planning, Scheduling, and Controlling. (11th Edition) John Wiley & Sons
- A Guide to the Project Management Body of Knowledge, PMBOK 5th (or 6th Edition). 2013 (or 2017). Project Management Institute. (Available as an e-book)
- Additional reading materials and links provided on subject website

Important

- This is not the typical unit where you are told step-by-step what to do.
- You need to be initiative, develop ideas, explore ways to solve a problem.
- It is your project – engage and have fun!

Anticipated Workload (per week)

- Contact hours for on-campus students:
 - One 2-hour Seminar/Lecture
 - One 2-hour Workshop
- Additional requirements:
 - Prior to the seminar and workshop, students are required to go through the materials posted online.
 - Students will need to spend about 2 – 3 hours of personal study in order to satisfy the reading and assignment expectations.
 - Students will need to work 3–4 hours in groups on their projects.

Project Topics

- TBD

Expectations

- Work in teams. Make sure you talk to your team partners! Coordinate your work.
- Check Moodle regularly for updates to announcements, materials, instructions, etc.
- You need to work hard.
- Do not wait with your project proposal until week 12!
- Take all activities and assignments seriously.
- Zero tolerance for plagiarism or other forms of academic misconduct.

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→ 3	PM: Agile and the Project Lifecycle Selection	PM Workshop 2: Elements in selecting and managing projects	PM Case study 1 handed out. PM Quiz 1 due by Friday 21 August 5pm.
→ 4	PM: Managing the Project (Part 1)	PM Workshop 3: Scope management	PM Case study 2 handed out. PM Quiz 2 due by Friday 28 August 5pm
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→ 6	PM: Working in an Agile Environment	PM Workshop 5: Agile versus Predictive approach	PM Quiz 4 due by Friday 11 Sept 5pm. PM Case Study Assignment due on Friday 11 Sept 11pm
7	Project design (1)	PM Workshop 6: Team and communication management	
Semester Break (21 - 25 September 2020)			
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