## Draft Submission Tasks

## Tools

You will use the following tools:

- GitHub to handle the code. Your repository is the one created for you when you accepted the assignment. THERE IS NO BASE CODE – THE DATABASE BASE STRUCTURE IS PROVIDED. *You cannot work with another repository.*

- Create an account in ClickUp (https://app.clickup.com/). Use your RMIT emails to create accounts. Create a Scrum project there with your team name. You will use this to handle the Scrum board, and move tasks from one state to the other.

- For communication you can use Teams, Slack, Discord, or other appropriate tool.

- **Diagrams should be made in LucidChart**. There is a page in Canvas explaining how to create an account and obtain educational access. DIAGRAMS DRAWN BY HAND WILL RECEIVE NO MARKING.

## Task #1.0

### What to submit for this task?

Write a document in Word, with the answers to the following questions. Copy the questions as titles for clear marking. Your reasoning should be solid, well founded, and have a justification.

Extremely short answers will not be considered appropriate. Your answer should be articulate and well founded, with proper use of English.

1.0.a) Which programming language you will use to implement this project? *Remember that the language you select must allow you to use MVC and DTO patterns.*

1.0.b) How does this language support the MVC pattern, and other architectural patterns seen in class?

1.0.c) Why did you choose this language and not other? What does your selection has that no other language has?

1.0.d) What is the expertise of the teammates in this language?

REMEMBER THAT:

- **You will not be allowed to change the programming language.**

- You can use multiple lanaguages, but the main language should be one of the following: Java, Python (Object Oriented Features), C++

- You <u>cannot submit</u> work done using 3<sup>rd</sup> party tools like Wordpress, Weebly, Weex, or anything similar to this.

## Task #1.1

Write all user stories based on the Project Definition document.

A tutor acting as *The Client* will ask your questions related to the requirements. Requirements on the Project Definition are purposefully vague, contradicting, confusing and sometimes make no sense at all. You will need to attend *The Client*'s consultations/labs, or ask questions in the appropriate Canvas discussion forum to clarify doubts about the requirements. *You are expected to elicit the requirements*.

**What to submit for this task?**

1.1.a) Product backlog with user users.

- You need to write user stories for the "In Scope" and "Additional Information" features *only.* Consider "Limited Scope" and "Out of Scope" as restrictions.

- Write between 3-6 stories per feature, *at least*. You may need more.

1.1.b) Word document with the Definition of Done that you will be using for this project.

1.1.c) Organise your ClickUp with the product backlog. Provide screenshots of your ClickUp Best thing to do is pasting them in a Word documented titled "ClickUp Screenshots".

1.1.d) Word document with the following information:

- For every team member: full name, id, role.

- GitHub repository URL.

- Team name.

## Task #1.2

Complete a Scrum Poker session for <u>2 (two)</u> user stories.

**What to submit for this task?**

1.2.a) Create a word document. It should include (roughly): values estimated by each person, reasoning on the number, what happened (did you estimated again, or agreed).

- *Documentation should be Person A estimates X, Person B estimates Y. There is no agreement, why, repeat. One statement per line.*

**Task #1.3**

**What to submit for this task?**

1.3.a) Complete a Sprint Retro document for this draft submission. You do not need to complete any of the other sprint documents.