Project Proposal

Due Date: **Week 7 (Mid-night, Sunday)**   **VERSION NUMBER: 1.0**
Type: Group Project/Assignment – **In Summer 2021, it is individual project.**
Grade: 5% of the project (Project Total Weight is 20%. Total Mark: 100)

Prepare and submit a proposal for the Project with the following structure:

1. **Title page.** The name of the project, name of the team and the name of each team member.

2. **Project Overview**. A few paragraphs describing the purpose of the application, development environment (XCode version, macOS/iOS version, Swift etc.) and technologies/tools or any third-party libraries used.

3. **Functional Requirements / Use Cases**. Describe each functional requirement in bullet point format outlining its purpose, input and output. Alternatively you can create a prototype for the application made of hard-coded UI and database etc. No actual code is required in the prototype. The UI can be filled out with fake data and must work together to show the workflow. If a prototype is used, screenshots must be included in the proposal.

4. **Project Design**. Present
   a. Block diagram of how system will be laid out.

5. **Work Assignments**. For each member (if applicable) of the team define
   a. The features (functional requirements defined in points/numbers) the team member is responsible for.
   b. Which Swift or Cocoa Touch classes (defined in the class diagram above) are they going to design and develop to implement the corresponding feature(s)

   Work assignments must be all encompassing with each team member having to implement the GUI, business logic and database or file I/O programming for the features they are responsible for.

Note:

The proposal is not final. If it needs to be modified/updated/revised, you will be instructed to do so. During development, certain functionality may be changed, modified, added or removed, so will the design you initially thought of. This is a part of any Agile development process where requirements are dynamic. The proposal must be updated before the project is completed and presented together with the project.