**FACULTY OF SCIENCE AND ENGINEERING**

**SEMESTER 2, 2018**

# IAB330 - Mobile App Development

## Assignment 2: Project management
### (10 marks)

**Due Date: Monday, September 10, 11:59 pm**

# Submission Coversheet Declaration

You must sign below. By signing this form you agree to the following:

- We declare that all of the work submitted for this assignment is our own original work except for material that is explicitly referenced and for which we have permission, or which is freely available (and also referenced).

- We agree that QUT may archive this assignment for an indefinite period of time, and use it in the future for educational purposes including, but not limited to: as an example of previous work; as the basis for assignments, lectures or tutorials; for comparison when scanning for plagiarism, etc.

- We agree to indemnify QUT and hold it blameless if copyright infringements are found in this work and the copyright owner takes action against QUT that is not covered by the normal terms of Educational Use.

The assignment should be completed in a team of 4 students. Please consult with your tutor and unit coordinator if you have any issues.

| Chosen Project Name: | | |
|---|---|---|
| **Team Member Details** | | |
| **Student Number** | **Student Name** | **Signature** |
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**Overview**

In Assignment 2, you are expected to submit a detailed and scoped-down project plan of your Assignment 1 proposal. The project planning phase includes an executive summary of the minimum viable product (MVP), the breakdown of tasks, estimation and planning, quality assurance, and planning of future resources.

1. **Executive Summary of MVP**
   Present a scoped down version of your original project that can be realised within the timeframe of the unit.
   o **Discussion of Scoping Criteria**
      Discuss and justify why particular features were included/excluded from the MVP.

2. **Feature list**
   o Present a list of prioritised and estimated features for your mobile app and break down of tasks by using agile user stories and related concepts, as appropriate (e.g. themes, epics, user stories and substories, acceptance criteria, t-shirt size task estimation).
   o Clearly mark the features intended for this version and those intended for future versions.

3. **Project Timeline**
   Present a timeline for the implementation of your user stories that reflects the task breakdown and the distribution of work between team members.
   o **Development/Support Tools**
      Elaborate on the tools are you planning to use (e.g., source code repository, UI design tools, project management tools and processes).

4. **Security and privacy requirements**
   o Explain what choices are required to provide effective privacy and security for your application (e.g., security breach, privacy, ethical issues).

5. **Testing and Quality Assurance Strategy**
   Elaborate on your testing and QA strategy. Discuss what testing approaches you will use for your code, app functionality and the system as a whole, stakeholder acceptance and usability.

| CRITERION | MARKS | 7<br>85%-100% | 6<br>75%-84% | 5<br>65%-74% | 4<br>50%-64% | Refer / Fail<br>0%-49% |
|---|---|---|---|---|---|---|
| **C. Project Management**<br><br>Summary of MVP<br><br>Feature list<br><br>Project Timeline Project<br><br>Security and privacy requirements<br><br>Testing and Quality Assurance strategy | /10 | Exceptional project management plan that captures all required aspects.<br><br>The MVP is scoped down realistically and scoping decisions are elaborated exceptionally.<br><br>Exceptionally well-structured feature list with highly accurate estimates and appropriate prioritisation.<br><br>The timeline is well structured and shows the tasks of each team member, and task break down.<br><br>Exceptional elaboration on development and support tools, and future planning.<br><br>Exceptional explanation of project security and privacy requirements and of the mitigation strategy.<br><br>Exceptional discussion of the testing and quality assurance strategy. | Very good project management plan that captures most required aspects.<br><br>The MVP is scoped down realistically and scoping decisions are elaborated well.<br><br>A good structured feature list is provided with accurate estimates and appropriate prioritisation.<br><br>The timeline is structured in a very good manner and shows the tasks of each team member, and task break down.<br><br>Very good elaboration on development and support tools.<br><br>Very good explanation of security and privacy requirements and of the mitigation strategy.<br><br>Very good discussion on the testing and quality assurance strategy. | Good project management plan that captures most required aspects.<br><br>The MVP is well scoped down and scoping decisions are elaborated well.<br><br>Feature list is structured in a desired manner with a good degree of estimation and prioritisation.<br><br>The timeline is structured in a good manner and shows most the tasks of each team member, and task break down.<br><br>Good elaboration on development and support tools.<br><br>Good explanation of security and privacy requirements and of the mitigation strategy<br><br>Good discussion on the testing and quality assurance strategy. | Acceptable project management plan that captures some but not all required aspects.<br><br>The MVP is scoped down and scoping decisions are not very well elaborated.<br><br>Acceptable feature list with and a good degree of estimation and prioritisation.<br><br>The timeline is structured in an acceptable way and shows some of the tasks of each team member, and task breakdown.<br><br>Acceptable elaboration on development and support tools.<br><br>Acceptable explanation of security and privacy requirements and of the mitigation strategy<br><br>Acceptable discussion on the testing and quality assurance strategy. | Inadequate or missing project management plan, or one that does not capture all required aspects.<br><br>The MVP is scoped down poorly and scoping decisions are not well elaborated.<br><br>Inadequate feature list with and fair estimates and poor prioritisation.<br><br>The timeline does not shows the tasks of each team member, and task breakdown.<br><br>Inadequate or missing elaboration on development and support tools.<br><br>Inadequate or missing explanation of security and privacy requirements and of the mitigation strategy.<br><br>Inadequate or missing discussion on the testing and quality assurance strategy. |
| TOTAL | /10 | | | | | |