ECSE 211 DESIGN PROJECT

MILESTONES DOCUMENT

Version *1.03*

02/26/2018

ECSE 211 TEAM 11

VERSION HISTORY

Title	Milestones Document			
Description	Week 1 iteration of this document			
Created By	Luka Jurisic, Documentation Manager			
Date Created	19th February 2018			
Maintained By	Luka Jurisic, Bryan Jay			
Version Number	**Modified By**	**Modifications Made**	**Date Modified**	**Status**
1.00	Luka Jurisic	Created the document. Set out the overall structure that the document should follow	19th February	Initial work done
1.01	Luka Jurisic	Completed section 1 and 2	24nd February	All other sections remain
1.02	Bryan Jay	Completed section 3	25nd February	Presentation of document remains
1.03	Luka Jurisic	Perfected the presentation of the document	26th February	Final Version

MILESTONES

1. ROLE DESIGNATION

The Initial meeting subsumed the assigned roles to each group member. There are 8 official roles available for this project. A discussion was held where each member stated their experience and interest in different disciplines of engineering. Refer to section 3 in the capabilities document. The table below indicates these designations.

Member	Main Role	Sub role(s)
Bryan	Project Manager	Hardware/software engineer
Patrick	Software lead	Software Engineer
Enan	Hardware Lead	Hardware Engineer
Luka	Documentation Manager	Test Engineer
Tianyi	Testing team lead	Hardware/Test Engineer
Volen	-	Hardware/Software/Test Engineer

It was also agreed that the assistance of certain tasks can transcend these role assignments dependant on the current time budget for the week. For example, if someone is unable to perform their duties as a test engineer in a certain week due to other important commitments, another group member who is not an assigned test engineer would be willing to assist if he is capable.

2. INITIAL BREAKDOWN OF TASKS

The first week of tasks mainly revolved around the 4 important documents and their submission. As documentation manager, Luka agreed to take on this responsibility, with Enan providing assistance. Volen agreed to sketch our preliminary designs. The other members of the group were tasked with focusing on the software completion of lab 5 before the deadline on the 27th of February.

3. PLANS FOR THE FOLLOWING WEEK

To Do for next week:
- Prepare spreadsheet to track working time
- Preliminary Hardware Design Document
- Preliminary Software Design Document
- Preliminary Testing Design Document

Team meeting on Monday (26th) discussing ideas and requirements

- Brainstorm preliminary hardware designs
  - Determine the Pros and Cons of each design
  - Sketches
- Brainstorm a preliminary software architecture
  - Develop a hierarchy of classes for the flow chart
  - Document the behaviour of classes
- Determine testing routines
  - Work on test plan
  - Test in a waterfall method or test more frequently

Finalize documents and presentation for Week 2 meeting

- Each Respective team (Hardware, Software, Testing) will complete their documents throughout the week