*ecse 211 design project*

milestones document

Version *1.03*

*02/26/2018*

*ECSE 211 TEAM 11*

VERSION HISTORY

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| --- | --- | --- | --- | --- |
| **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