# Work Diary – Tessa Marelic

|  |
| --- |
| **Date:** 19/09/2016 – 27/09/2016 |
| **Tasks Assigned:**   1. Build a user interface for log-in and registration using QT.    1. View tutorials to learn how to make guis in QT    2. Construct user-interfaces 2. Create architectural diagrams for log-in and registration.    1. Sequence diagram    2. Class diagram 3. Minutes of meeting 4. Start Project Management Docs   4.1 Overall project  4.2 Iteration table |
| **Time Allocated:**   1. 3 hours 2. 30 Minutes 3. 20 Minutes 4. 1 hour |
| **Actual Time:**   1. 3.5 hours 2. 30 Minutes 3. 15 Minutes 4. 45 Minutes |
| **Tasks Action:**   1. Complete 2. Complete 3. Complete |
| **Comments:**  There is quite a bit to learn for QT development, watched a few video tutorials before starting as this is learning exercise so I can build more complex guis. |

|  |
| --- |
| **Date:** 27/09/2016 – 11/10/2016 |
| **Tasks Assigned:**   1. Build Report a bug Gui    1. Create user interface    2. Make local SQL database |
| **Time Allocated:**   1. 2 hours |
| **Actual Time:**   1. 3 hours |
| **Tasks Action:**   1. Still some functionality to complete for user interface but SQL complete |
| **Comments:**  The SQL database took longer than expected because couldn’t find the correct SQL driver for QT and had trouble with my SQL password. Had to find out how to find and reset it. |

|  |
| --- |
| **Date:** 11/10/2016 – 18/20/2016 |
| **Tasks Assigned:**   1. Finish AddBug gui 2. Build ViewBug gui 3. Minutes |
| **Time Allocated:**   1. 1 hour 2. 3 hours 3. 20 mins |
| **Actual Time:**   1. 1 hour 2. 2 hours 3. 15 mins |
| **Tasks Action:**   1. Complete 2. Partially Complete – still some functionality to complete 3. Complete |
| **Comments:**  Getting more used to QT, but still lots to learn. Database works well. Easy to integrate code with the database class created by Nathaniel. Entered some dummy data and uploaded from database to test it works. |

|  |
| --- |
| **Date:** 18/10/2016 – 20/10/2016 |
| **Tasks Assigned:**   1. Work on Test Plan Document    1. Decide what type of tests to use    2. Decide what to test.    3. Begin filling the document 2. Minutes |
| **Time Allocated:**   1. 1.5 hours 2. 15 mins |
| **Actual Time:**   1. 1.5 hours 2. 15 mins |
| **Tasks Action:**   1. Partially complete 2. Complete |
| **Comments:**  The test plan turned out to be a long document with lots to think about. Filled in everything I could, added use cases to cover for testing, intro, scope etc. Need to create test cases for black box testing and unit tests for white. |

|  |
| --- |
| **Date:** 21/10/2016 - 25/10/2016 |
| **Tasks Assigned:**   1. Architectural Diagram and description   1.1 UML diagram and text description   1. Test Cases    1. Black Box for functional requirements    2. Black Box for non-functional requirements 2. Project Management Docs    1. Update iteration table and check dates in plan 3. Presntation. |
| **Time Allocated:**   1. 1.5 hours 2. 1.5 hours 3. 30 mins 4. 10 mins |
| **Actual Time:**   1. 2 hours 2. 1.5 hours 3. 30 mins 4. 10 mins |
| **Tasks Action:**   1. Complete 2. Complete 3. Complete 4. Complete |
| **Comments:**  Had to redo Architectural design as I initially thought group members had created controller classes for each user interface but luckily just one, makes it easier.  The test plan was difficult as we were not too clear how to go about it. Created lots of test cases but won’t have time to run them all. Presentation was a little daunting. |

|  |
| --- |
| **Date:** 27/10/2016 |
| **Tasks Assigned:**   1. Complete everything, mins summary, tests, etc 2. Overall class diagram |
| **Time Allocated:**   1. 3 hours 2. 1 hour |
| **Actual Time:**   1. 4 hours 2. 1 hour |
| **Tasks Action:**   1. All of my allocated tasks are complete, just last minute tidy ups of incomplete documents. 2. Complete |
| **Comments:**  Test cases are very tedious, will be glad when all is done. |