**Sprint One: Documentation**

**Sprint Roles**

**SCRUM Master:** Henry Wallis

**Designers:** James Whiteley, Oli Storey

**Programmers:** Alexander Bierton, O’Shea Douglas

**Sprint Backlog**

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| **Task** | **Priority**  **(***1-Low 5-High***)** | **Day 1**  **(**Hours) | **Day 2**  **(**Hours) | **Day 3**  **(**Hours) |
| *Inspect the code and research the applicable functions which affect the text views within the application.* | **4** | **1** |  |  |
| *Design the code structure for the landscape fix.* | **3** | **2** | **1** |  |
| *Implement the design structure into the application and ensure that it runs in a correct manner according to the user story.* | **4** |  | **1** |  |
| *Code the inner tier of the function, in accordance to the design schema.* | **4** |  | **2** | **2** |
| *Select an applicable colour that matches the picked theme.* | **2** |  | **1** |  |
| *Add error handling* | **3** |  |  | **1** |
| *White Box and Black Box testing on the implementation.* | **4** |  | **2** | **2** |
| *Look into the commit and modification problem GitHub is having inside of Android Studio.* | **5** |  | **0.5** |  |
| *Fix the problem with the build configuration file.* | **5** |  | **0.5** |  |

**Sprint Burndown Charts**

**Student 1:** Alexander Bierton

**Student 2:** O’Shea Douglas

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| **Date**  **DD/MM/YY** | **Duration**  **(Hours)** | **Programming Driver/Observer** | **Errors spotted (By whom)** | **Activity (what’s being coded), or tested, or compiled** | **Comments** |
| 07/12/16 | 2 | Driver: O’Shea  Observer: Alex | The inbuilt GitHub inside android studio did not recognise the additions and modifications – *O’Shea*  Syntax error spotted when trying to convert long variable to integer variable – *Alex*  Build Configuration file not compiling or is not there – *Alex* | Analysing the code surrounding the orientation of the mobile application.  Attempting to solve the issues surrounding the dependencies that are not visible, as well as the GitHub commit problem. | *Solved the GitHub commit problem in Android Studio, this was due to the Android Studio being out of date. Additionally, Android studio was creating Gradle Files – which caused an error.*  *No successful fixes implemented for the orientation issue when editing a note*  *Solved Syntax error.* |
| 09/12/16 | 2 | Driver: O’Shea  Observer: Alex | Build Configuration file does not exist & the call was not set up correctly. – *O’shea* | Added the build file to the project. | *For some reason, the build file was not available. Therefore, we had to create our own build file and it to the repository every time.* |
| 12/12/16 | 4 | Driver: Alex  Observer: O’Shea | The build configuration call had a lowercase letter rather than an uppercase, which is a syntax error. This stopped the build config file from being called – *O’shea*  When trying to change the theme colour of the keyboard, we found out that keyboard is not related to the application itself, rather Android instead - *Alex* | Added the correct file path for the build configuration.  We managed to get the build file working by changing the syntax to the correct format. | *Once the file path and the build configuration had been added, this error was solved.*  *A way of adding this enhancement would be to create a new resource layout file, add text buttons for each separate keyboard item. Then programmatically change the theme according to the selected one.*  *After determining the time and effort required to successfully implement this feature, we came to the conclusion that there was not enough time left of the Sprint to apply and test the enhancement feature.* |