**Sprint Log 3 (01 December - 12 December)**

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| **PBIs** - Ass a user i want to interact with the software through a standalone desktop GUI. | | | | | |
| **Tasks** | **Tasks assignees** | **Was it implemented** | **Expected Time** | **How long** | **Comments (how this particular sprint went for each task)** |
| Create a GUI Design Template | Luke | yes | 30 mins | 30 mins | Designed a basic GUI with the required specifications of the end user. Did not take long to implement a basic GUI. |
| Install GUI Software | Cameron | yes | 5 mins | 5 mins | Did not take very long to install. |
| Implement Basic Structures of GUI | Cameron/ Luke | yes | 1 hour | 1 hour | Used pair programming to create the basic structure of the GUI. Pair programming helped us as we were unfamiliar with pyforms. |
| Format a widget to include movie information | Cameron/ James | no | 1 hour | 2 hours | Our time estimation was incorrect and therefore we struggled to implement a more complicated way so therefore we had to incorporate an easier solution. |
| Assign movie title search to button | Cameron( James/ Luke observing) | yes | 30 mins | 1 hour | This task took longer than expected, we had understand pyforms as all of us were unfamiliar with this framework. |
| Assign remove movie to button | Cameron | yes | 30 mins | 10 mins | Easy to implement after our knowledge acquisition from previous tasks. |
| Assign add movie function to button | Cameron | yes | 30 mins | 10 mins | Easy to implement after our knowledge acquisition from previous tasks. |
| Assign random search to button | Cameron (James / Luke observing) | yes | 30 mins | 10 mins | We implemented this feature but chose to do this using a checkbox rather than a button. |
| Refactor existing code | James/Cameron | yes | 2 hours | 3 hours | We adjusted some logic within functions to suit the GUI rather than the procedural programme that we had initially. |
| Update pair programming logs | Luke | yes | 30 mins | 30 mins | Pair Programming logs were updated as pair programming sessions happened. |
| Stand-up meeting (**Sprint Retrospective**): (How the artefact is progressing under SCRUM methodology)   * Utilised programming very well as it helped us even though we were unfamiliar with pyforms. * Successfully integrated all functionality to the GUI, with some minor bugs. * We executed a very good sprint planning phase, which increased our productivity. * Sprint took longer than expected, had to speed up the process during the end of the sprint. * Github and Trello were frequently used throughout the sprint, with the sprint backlog seeing more regular updates and the github repository been updated more often. * Pair Programming was a useful process for this sprint as we were able complete the GUI quicker by grouping together as a group to help write/observe the code. | | | | | |