**Sprint Log 2 (16 November - 30 November)**

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| **PBIs** - Retrieve random movie, Add movies to a wishlist | | | | | |
| **Tasks** | **Tasks assignees** | **Was it implemented** | **Expected Time** | **How long** | **Comments (how this particular sprint went for each task)** |
| Generate random IMDB ID | Cameron | yes | 15 mins | 30 mins | Stuck in while loop whilst generating random numbers but fixed shortly after. A quicker method of finding an existing IMDB ID is needed. |
| Only return movies from random search | Cameron/ James | yes | 30 mins | 1 hour | Did a check with the chosen API that the ID generated returns content |
| Display random film details using TMDB | Cameron/ James | yes | 1 hour | 1 hour | Made different function because keys are different in the JSON from TMDB |
| Resolve JSON key error conflict in display TMDB function | James | yes | 15 mins | 15 mins | Put into separate function |
| Display random film details using OMDB | Cameron/ James | yes | 30 mins | 30 mins | Made sure to study JSON to understand which keys to use |
| Create wishlist | Cameron | yes | 5 mins | 5 mins | Currently an array |
| Add an ‘add to wishlist’ option for user after film is returned from API | Everyone | yes | 30 mins | 1 hour | Pushes film title to array if film is in memory |
| Notify user when movie has been added to wishlist | Luke | yes | 5 mins | 5 mins | Print statement |
| Add function to remove specific movie from wishlist based on title | Everyone | yes | 30 mins | 1 hour | Using find function and matching characters to array elements  Using .remove() did not work initially so we are using del instead |
| Make wishlist option separate from API | Everyone | yes | 1 hour | 1 hour | Option given to edit wishlist at the start of the program |
| Refactor existing code | Everyone | no | 2 hours | 0 | Not done as we decided to tackle this in sprint 3 when we make the GUI |
| Update pair programming logs | Luke | yes | 30 mins | 30 mins | Updated pair programming logs for the current sprint |
| Update domain model | Cameron | yes | 15mins | 5 mins | Domain model remained the same |
| Update use case diagrams | Cameron | yes | 20 mins | 20 mins | Use case includes new operations available to user |
| Update class diagram | Cameron/ Luke | yes | 30 mins | 1 hour | Class diagram rework to encompass program features |
| Stand-up meeting (**Sprint Retrospective**): (How the artefact is progressing under SCRUM methodology)   * Successfully integrated additional functionality to the existing artefact (user wishlist and random movie searches) with only several minor bugs to fix during the duration of the sprint * Use of trello as the project scrum board has become more frequent, with the sprint backlog seeing more regular updates and tasks assigned and completed at more regular intervals * Team has developed a better understanding of the sprint planning processes, including properly identifying requirements and constraints * Version control has improved but still requires more communication to ensure that all members of the team work on the correct, up to date branches * Testing phase has improved with more contributions in spotting and correcting bugs in the program and logging the issues on github * The sprint has seen better management of the daily scrum activities such as who is working on which task and which tasks remain to be completed, including better decomposition of product requirements with emphasis on high priority tasks * Sprint 2 has developed the team's understanding of the final end product, as illustrated by improved design/implementation phases * Longer sprint planning phase has increased coordination within the group | | | | | |