**Pair Programming Logs - Software Engineering**

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| **Date** | **Time Spent** | **Coder** | **Observer** | **Activity (what’s being coded)** | **Number of lines of code written** | **Errors encountered (and who spotted them)** | **How the error was fixed** |
| 09/11/2018 | 1 hour | James | Luke | Connected to OMDB and TMDB with API keys. | 6 | Connectivity error, could not connect to the server.  (James) | Fixed internet, ensured that the connection was stronger. |
| 09/11/2018 | 45 mins | James | Luke | Get movie title from the user and Retrieve JSON data from API | 9 | N/A | N/A |
| 09/11/2018 | 10 mins | James |  | Notify the user if the movie can not be found | 3 | N/A | N/A |
| 19/11/2018 | 25 mins | Cameron | Luke Grant | Generating a random IMDB title | 20 | Program stuck in while loop spotted by observer  ID not being generated fully before being returned, spotted by observer | Changing use of flags to True, false  Indentation changed |
| 22/11/2018 | 1 hour | Cameron | James | Fix remove from wishlist function  Only return movies from random search  Display random film details using TMDB | 6 | Accessing arrays within arrays key errors spotted by Observer  Key errors when parsing JSON spotted by Observer  Wishlist function needed extra parameters spotted by coder |  |
| 26/11/2018 | 30mins | Cameron | James | Separating wishlist from searching for movies | 10 | Stuck in while loop, spotted by coder  Print statements in wrong location in wishlist spotted by observer | resolved with setting True and False  Moved print statements |
| 03/12/2018 | 30 mins | Cameron | Luke, James | Implementing a basic GUI | 55 | Defining actions within the wrong scope.(Cameron) | Moved into the correct scope |
| 10/12/2018 | 1 hour | Cameron | Luke, James | Assign movie title to search button | 30 | Output issue with the textbox, needed highlighting to view the results, presumably issue with rendering | Unable to fix |
| 11/12/2018 | 30 mins | Cameron | Luke | Assign add and remove movie button to WishList | 20 | No issues | N/A |