**Mission Sheet for KF5012**

Please create one of these sheets **for each mission you have done,** and please include these sheets **in your project submission**.

The point of this form is to give you a chance to direct us to the work you have done, so that marks can be given fairly, and without missing any of your work. We want you to draw attention to which work meets the criteria for the specified elements in the mission brief. Also this gives you a chance to draw attention to any work you have done that goes beyond expectations

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| Mission name | API Design |
| Team name | Only fools and horses |
| Student responsible for mission (it team write “team”) | Michael Anderson |
| For team missions: should this mission be marked? | This is a single mission but Yes please mark it. |
| In the project brief, the details for this mission outlined several **elements** that should be created for the mission. Please identify clearly which work meets which elements. | All elements of this mission are met by the API.py file and the API Documentation.  The API.py file can be found within the GitHub repository linked below:  <https://github.com/sisygoboom/fools-and-horses-group-proj>  The API.py file can be run alongside the GUI by running “full\_monty.py”  The API Documentation can be found in the GitHub repository at the following link:  <https://github.com/sisygoboom/fools-and-horses-group-proj/tree/master/Documentation/Missions> |
| If you have work that you think means you have **gone beyond expectations** for the mission, please give details here. Note: this includes sensible work you have done to compensate for team members dropping out or team missions not being completed. | I created a set of functions to sanitise the movie plots passed from the GUI  These functions remove contractions between words, make sure all words are in lower case and remove any symbols, numbers or stop words.  The API also tests the if a movie plot is empty both before and after sanitising the movie plot. If a movie plot is empty an appropriate error message is sent. |
| Any other **notes** you want to make about this mission. |  |