**Michael Yelverton Contribution Form (product owner)**

* Attended all 18 scrum meetings/team work sessions and led the project
* Implemented Product Backlog
* Set up the github/waffle.io accounts
* Led the QT implementation of the project.
* Designed shape class implementation and inheritance structure.
* Verified and implemented vector of shapes design
* Added the login functionality and the option to login and logout, as well as error-checking for wrong user password/login name.
* Added the move, add/remove and delete functionalities for all shape types.
* Implemented trees for the sort menus
* Implemented a menu design for each unique shape
* Created the function that writes the contents of the vector of shapes into a file to save progress.
* Implemented UML state testing
* Implemented the help and feedback functions.
* Added ID/perimeter sorting
* Valgrind Testing