Construction Phase: Iteration 1

**Date:** 12th Feb 2018

**Task:** Development of Add/Remove Stock

**Time Taken to Complete Task:** 6h

Task was divided into the following sub-task:

* Planning (1h 30min)
* 1st draft (1h 15min)
* 2nd draft (1h 15min)
* Final version (2h)

**Difficulties Faced:** Coordinating with other members who are working on other functions

**Remedial Actions Taken:** Planned in the next meeting, to keep some things in common

Construction Phase: Iteration 2

**Date:** 14th Feb 2018

**Task:** Create UX Design

**Time Taken to Complete Task:** 5h

Task was divided into the following sub-tasks:

* Plan the design (1h)
* Choose a platform to design (30min)
* Create first draft of design before completion of program (2h)
* Modify to final version after completion of program (1h 30min)

All sub-tasks were successfully completed at the end.

**Difficulties faced:** Breaking the boundaries between UX design for a programmer and a public user

**Remedial Actions Taken:** Saved them according to versions, to know which was the latest updated design

Construction Phase: Iteration 2

**Date:** 15th Feb 2018

**Task:** Password encryption

**Time Taken to Complete Task:** 5h

Task was divided into the following sub-tasks:

* Research on possible encryption methods (1h 30min)
* Narrow down to something possible within the group’s skill level (1h)
* Decide and implement the encryption in the program (3h)

**Difficulties faced:** The coding, and finding the right encryption method, as it is not something learnt yet.

**Remedial Actions Taken:** Worked together with other group members, instead of alone.

Transition Phase: Iteration 1

**Date:** 17th Feb 2018

**Task:** Do the Data Dictionary

**Time Taken to Complete Task:** 7h

Task was divided into the following sub-tasks:

* Check Class Diagrams from other members (1h)
* Read through final program and write the variables into the data dictionary (2h)
* Pass the program/class diagram back to other members for changes (2h)
* Edit data dictionary (2h)

All the sub-tasks were completed at the end.

**Difficulties Faced:** Constant changes to class diagram/program

**Remedial Actions Taken:** Discuss via WhatsApp, to respective members.

Transition Phase: Iteration 2

**Date:** 19th Feb 2018

**Task:** Testing of final program

**Time Taken to Complete Task:** 1h

Task was divided into the following sub-tasks:

* Test program (1h)

All the sub-tasks were completed at the end.

**Difficulties Faced:** Nil

**Remedial Actions Taken:** Nil