Member contributions

**Julie**

* Task assignments
* Project planning
* Research for documentation
* Research for confidence level implementations
* Final documentation editing

**Adel**

* Report draft template
* Background and problem statement
* Research for documentation (reading for background summary)
* Research for understanding the model created by Lizzon, Leon and Henri
* Research confidence level methods, particularly (final model already had a version of evaluating the regression model using MAPE and RSD, so did not end up using the research)

**Henri**

* GitHub setup
* Research stock prediction model
* Collaborated with Leon and Lizzon on drafting the stock prediction model.
* Documenting findings.
* Collaborated with Leon and Lizzon on analyzing the collected results

**Shaun**

* Feasibility research on all prescribed subjects
* Assisted in drafting all documentation
* Planning all weekly meetings and online environments
* Provided all necessary storage and collaboration environment and licenses
* Assisted with GUI

**Leon**

* Conducted research on the stock prediction model.
* Developed prototype models.
* Collaborated with Lizzon and Henri on drafting the stock prediction model.
* Developed the experimental strategy methodology.
* Ran experimental simulations, captured data and results, visually represented results.
* Collaborated with Lizzon and Henri on analyzing the collected results.
* Collaborated with Lizzon to optimize the model based on simulation findings.
* Collaborated with Lizzon to do the last runs on the finalized model.
* Co-authored sections 3 and 4 of the documentation with Lizzon and Henri.

**Lizzon**

* Conducted research on the stock prediction model
* Developed the initial draft of the program and uploaded it to GitHub
* Collaborated with Shaun to plan the design of the GUI
* Designed the first draft of the graphical user interface (GUI) for the program
* Collaborated with Leon and Henri on drafting the stock prediction model
* Integrated the final model into the program
* Collaborated with Leon on conducting experimentation runs and simulations of the model
* Created a tool for efficiently capturing simulation results
* Collaborated with Leon and Henri on analyzing the collected results
* Collaborated with Leon to optimize the model based on simulation findings
* Redesigned the GUI to better accommodate the program's needs
* Addressed bugs, problems, and added extra functionality to the program
* Contributed to sections 3 and 4 of the documentation during group meetings with Leon and Henri
* Authored section 2.1 and 3.4 of the documentation
* Contributed to a portion of section 4.3 of the documentation
* Compiled a list of the required libraries for the program's execution
* Added additional references to the documentation, citing all the used resources in the creation of our program