

Report

Team 29



University of Sussex



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# Project Summary

The project has been a bit of successful. The code team to schedule along our critical path with only light delays in the testing section of the project. The creation of GUI did run behind schedule, but without slack time was adequate to allow for this delay. All critical components of the software run correctly. There were no issues within the team, however some of the team members didn’t contribute very well as can be seen in the peer review.

# Known Issues In the system

There are several errors in the GUI. The run to completion button has not been implemented so it does not do anything when it's clicked. This is not much of an issue as the simulation speed can just be turned up and then the normal 'run' button can be clicked instead. This was not implemented as we thought it would be better to spend more time getting the controllable runs implemented as they can emulate the function of the run to completion button. The biggest issue with the GUI is that the graphs become slow and irresponsive when many new data points are being added. This could be easily fixed quite quickly but it'd require dropping old data points from the graph. Wolf & Gecko could be asked if they were ok with this and it could be implemented very quickly if needed. There are no other known issues with the GUI.

There is also issues with the functionality of the system, the issue being that value keeps being added to the client and company net worth’s. The cause of this is unknown but it is likely small and wouldn't take too long to patch as the formulas for calculating new market prices, buy prices, sell price, number of shares that could be fulfilled, etc. were all implemented correctly.

For the project to be developed, there few improvements that can be done, the first improvements are to have the graph scale adjustable so that it can be read as simulation progresses. The second improvement is to functionality where new clients and companies can be added to the database using the software.

# Peer review mark

Given below is our peer review marking

|  |  |
| --- | --- |
| **Team Member** | **Marks** |
| Hedy Galal | 32 |
| Jamie Chalmers | 21 |
| Levi Harris-Browning | 32 |
| Ankur Dastan | 10 |
| Sun Yijiang | 5 |