# Learning Log

## Week 1

* Made mind map of project brief and requirements
* Began working on an idea based around stock predictions

## Week 2

* Decided Flask would be a smart and easy way to create an interactive entertainment system
* Attempted to find API to pull live data from the NASDAQ
* Attempted to create a system to recognise the last time the local database of a stock was updated, and fill in all blanks

## Week 3

* Began work on the report
* Decided to remove Flask and instead use NodeJS due to improved speed and portability of the project.

## Week 4

* Streamlined system for obtaining data
* Styling of the report starting, improved the look of the heading and menu objects.

## Week 7

* Removed API temporarily to better satisfy basic requirements
* CSV handling, taking data from a database
* Began working on a graph of stock Opening, Closing, High and Low points from the first of January onwards.
* Issue with graph, was reversed because csv from Nasdaq placed newest dates at the top
* Working on styling of the report body

## Week 8

* Completed linear regression from YTD low
* Graph is exported to JSON file

## Week 9

* Interactive information system created, using NodeJS and ReactJS.
* Graphs working, and update live

## Week 10

* Backend Server created to handle user submission data.
* Pie chart done of responses

## Week 11

* All python moved to the server in order to make it callable correctly.
* User can view and get predictions on whichever stock they prefer, instead of just Apple
* Styling done for the information system