Task Number	Planned Action	Planned outcome	Time Estimated	Target Completion Date	Criteria
1.	Begin inquiry about the project.	Mr. U (the client) explained his interest in investing and long-term growth. We aim to discuss possible ideas at the next meet.	20 Minutes	1/5/2021	Criteria A
2.	Brainstorming with client.	Discussed possible solutions for the client's dilemma. The concept of applying machine learning was evaluated and approved by Mr. U. However, further requests (data visualization, mathematical analysis) were discussed.	30 Minutes	1/12/2021	Criteria A
3.	First Draft	Discussed the first draft of the project with the client. Mr. U approved all the features and criteria for success were discussed. However, possible constraints and limitations were also discussed.	45 Minutes	1/22/2021	Criteria A

4.	Discuss Future Schedule	Sat down with Mr. U to quickly discuss the future schedule and possible meeting times. It was determined that if necessary we can meet every Tuesday/Wednesday	10 Minutes	1/26/2021	Criteria A
5.	Spontaneous Meeting-Complexity	Mr. U wanted a quick meeting to discuss the complexity of the project and if the project will be completed in time. The future schedule was discussed again and changed to allow more time for product development (Section C).	10 Minutes	1/27/2021	Criteria A
6.	Final Discussion of Success Criteria	Finalized the success criteria and ensured all the requirements of the project were identified. Additionally discussed the next steps and dates to meet.	20 Minutes	2/2/2021	Criteria A
7.	Document Criterion A	Complete Criterion A and any documentation necessary (The Scenario, Rationale of Situation, Success Criteria)	1 Week	2/9/2021	Criteria A

8.	Plan User Interface	Come up with design of how the graphical user interface will look as well as begin planning all the features of the project.	1 Week 6 Days	2/22/2021	Criteria B
9.	Discuss GUI and Features.	Show GUI design to Mr. U and make changes as necessary. Additionally confirm the features provided by this project.	30 Minutes	2/23/2021	Criteria B
10.	Version 2 GUI + Processes	Create the second version of the GUI and create the flowcharts for the various processes.	4 Days	2/27/2021	Criteria B
11.	Learn about training Machine Models	Look through Sci-Kit Learn and Tensorflow documentation to understand how machine models work.	7 Days	3/6/2021	Criteria C
12.	Research MonteCarlo Simulations and Market Data	Learn about Monte Carlo Simulations and their applications. Additionally research for reputable market data providers.	3 Days	3/9/2021	Criteria C
13.	Finish Flowcharts and Section B	Create flowcharts and descriptions for Criteria B.	4 Days	3/13/2021	Criteria B
14.	Create Equity() class and respective methods	Equity() class created, file read/write management defined and solved.	2 Days	3/15/2021	Criteria C

15.	Finnhub/Finnhub Market Class created	Api created, Finnhub parameters defined; completed crash course on python requests	5 Days	3/20/2021	Criteria C
16.	Develop checkTicker()	Researched binary searching algorithms and created checkTicker() method	2 days	3/21/2021	Criteria C
17.	Implement Modelling()	Completed extensive research within machine learning and the required steps.	1 Week	3/28/2021	Criteria C
18.	Research how to calculate statistical formulas for Statistics()	Derived formula for Statistics() class, researched matplotlib and plotly libraries	3 Days	3/31/2021	Criteria C
19.	Implement Statistics()	Implemented Statistics() class, reviewed inheritance and polymorphism.	1 Day	4/1/2021	Criteria C
20.	Implement MonteCarlo()	Implemented MonteCarlo() class	3 Days	4/3/2021	Criteria C
21.	Implement app.py	Implemented GUI, ensured that every class/method works as intended, made tweaks to code in order to improve the web app display.	4 Days	4/7/2021	Criteria C
22.	Final meeting with client	Went over the overall project with the client, discussed strengths and	10 hour	4/9/2021	Criteria E

		future applications of the product.			
23.	Planned Criteria D	Listed key points to discuss during video, ensured recording software is ready for Criteria D	2 Days	4/11/2021	Criteria D
24.	Recorded Criteria D	Recorded Criteria D for the project.	2 hours	4/12/2021	Criteria D