

Initial Project Description

Team No.2

Team Members

Zongle Huang

Chengyuan Bai

Aiden Liang

Hu Tang

Yaoqian Mai

Project Name

Automated Stock Trading System

Project Synopsis

An application that let people buy stock with it. Provide recognized stock pools, help people to make decisions, and provide value information.

Project Description

- **Why is the project being undertaken?**

Because many people want to try stocks, but not everyone is an economist. There are many kinds of stocks in the stock exchange market, and most people cannot find the information they need quickly and effectively. So, they need software to help them. Analyze the stock market and provide some effective information and stocks.

- **Describe an opportunity or problem that the project is to address.**

Stock trading is very complex and requires the analysis of various data. Therefore, in order to obtain big data, it is necessary to obtain information from various websites. This may be a challenge. And it involves money. So, the safety aspect is very important.

- **What will be the end result of the project?**

It will be an application that call Automated Stock Trading System. Help people analyze the rise and fall of stocks and provide real-time information. Analyze and provide effective stocks. When the stock fluctuates sharply, it can remind people to reduce losses in time.

Project Milestones

	Task Name	Duration	Start	Finish	Predecesso...	Assigned To	% Complete	Status	Comments
1	Project requirement:	4d	09/15/21	09/20/21		Team	100%	Complete	Start at first sesmeter
2	Front-end use diagr:	18d	09/27/21	10/20/21		Yaoqian Mai		In Progress	
3	Back-end use diagr:	18d	09/27/21	10/20/21		Hu Tang		In Progress	
4	Database schema fi	19d	09/30/21	10/26/21		Zongle Huang		In Progress	
5	Initial design comple	9d	10/10/21	10/20/21		Aiden Liang		In Progress	
6	Project Proposal Re	4d	10/29/21	11/03/21		Chengyuan Bai		In Progress	
7	Initial front-end codi	9d	02/28/22	03/10/22		Chengyuan Bai		In Progress	Start at second sesmeter
8	Initial back-end codi	9d	02/28/22	03/10/22		Aiden Liang		In Progress	
9	Database installed	4d	03/10/22	03/15/22		Hu Tang		In Progress	
10	Front-end/Back-end	5d	03/15/22	03/21/22		Zongle Huang		In Progress	
11	Testing application	1d	04/01/22	04/01/22		Yaoqian Mai			
12									
13									
14									

First Semester:

Project Requirements/Plan (09/24)

Front-end, Back-end use diagrams completed (10/15)

Database schema finalized and initial design (10/29)

Project Proposal Report (11/06)

Second Semester:

Initial front-end and back-end coding (02/29-03/15)

Testing application (03/25)

Project Budget

Need filter-50-100 USD