

Department of Computer Engineering
SE Mini Project Weekly Report (2024-25)

Week No: 1

Group No.: 2

Date: _____

Title of Project: TradeTavern: ML-Driven Market predictions

Sr.No	Roll No with Div	Name of the Students	Signature
1	A554	Soham Mandavkar	
2	A556	Pooja Mayekar	
3	A561	Kamran Dhopaunkar	
4	A564	Advait Jadhav	

To be filled by Students only

Activities Completed this week

1. Project started after guide approval.
2. Identified and studied research papers.
3. Systematically executed research process.
4. Built a strong, well-documented foundation.

Project Status: In-progress.

Major Issues: N/A

Next Week Plan:

Next week, we will dedicate time to thoroughly study research papers to bolster our project's knowledge base and data resources, enhancing project quality and accuracy. This research phase is vital for informed decision-making and successful project execution.

Project Guide Remark: Excellent ☐ Good ☐ Satisfactory ☐ Not Satisfactory ☐

Comment by Guide: _____

Project Guide Name & Signature:

Department of Computer Engineering
SE Mini Project Weekly Report (2024-25)

Week No: 2

Group No.: 2

Date: _____

Title of Project: TradeTavern: ML-Driven Market predictions

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Activities Completed this week

1. Studied researched papers and found insights.
2. Explored the advantages and limitations.
3. Searched for existing websites.

Project Status: In-progress.

Major Issues: N/A

Next Week Plan:

Next week, Our plan is to focus on ML and its concepts for understanding the basics of Model building/structuring.. Additionally, we'll dedicate time to define a clear problem statement for our project.

Project Guide Remark: Excellent ☐ Good ☐ Satisfactory ☐ Not Satisfactory ☐

Comment by Guide: _____

Project Guide Name & Signature:

Department of Computer Engineering
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Week No: 3

Group No.: 2

Date: _____

Title of Project: TradeTavern: ML-Driven Market predictions

Sr.No	Roll No with Div	Name of the Students	Signature
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4	A564	Advait Jadhav	

To be filled by Students only

Activities Completed this week

1. Defined a clear and well stated Problem Statement for the project.
2. Studied about the various terminologies in ML.
3. Got to know how a model is created along with its deployment on a server.

Project Status: In-progress.

Major Issues: N/A

Next Week Plan:

Next week, we plan to decide what all frameworks to use and how the different modules will work in our project. Overall creating a architecture for the project.

Project Guide Remark: Excellent ☐ Good ☐ Satisfactory ☐ Not Satisfactory ☐

Comment by Guide: _____

Project Guide Name & Signature:

Department of Computer Engineering
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Week No: 4

Group No.: 2

Date: _____

Title of Project: TradeTavern: ML-Driven Market predictions

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3	A561	Kamran Dhopaunkar	
4	A564	Advait Jadhav	

To be filled by Students only

Activities Completed this week

Architecture for the project is done.

Project Status: In-progress.

Major Issues: N/A

Next Week Plan:

Next week, we will try to gather the data for various stocks and normalized it using various libraries to get a better understanding on how to implement the model. Web Scrapping may also be required that can be done in the next-to-next week.

Project Guide Remark: Excellent ☐ Good ☐ Satisfactory ☐ Not Satisfactory ☐

Comment by Guide: _____

Project Guide Name & Signature:

Department of Computer Engineering
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Week No: 5

Group No.: 2

Date: _____

Title of Project: TradeTavern: ML-Driven Market predictions

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3	A561	Kamran Dhopaunkar	
4	A564	Advait Jadhav	

To be filled by Students only

Activities Completed this week

1. Gathered data on stock using python library [yfinance].
2. Studied a little about web scrapping

Project Status: In-progress.

Major Issues: N/A

Next Week Plan:

Next week's plan is to try and make a model using the knowledge gained so far and debug it if any problems occur.

Project Guide Remark: Excellent ☐ Good ☐ Satisfactory ☐ Not Satisfactory ☐

Comment by Guide: _____

Project Guide Name & Signature:

Department of Computer Engineering
SE Mini Project Weekly Report (2024-25)

Week No: 7

Group No.: 2

Date: _____

Title of Project: TradeTavern: ML-Driven Market predictions

Sr.No	Roll No with Div	Name of the Students	Signature
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3	A561	Kamran Dhopaunkar	
4	A564	Advait Jadhav	

To be filled by Students only

Activities Completed this week

Created a basic LSTM model which predicts the next days stock price.

Project Status: In-progress.

Major Issues: N/A

Next Week Plan:

Next week's plan is to try and improve the model and apply them for different stocks and also start working on front-end for the project.

Project Guide Remark: Excellent ☐ Good ☐ Satisfactory ☐ Not Satisfactory ☐

Comment by Guide: _____

Project Guide Name & Signature:

Department of Computer Engineering
SE Mini Project Weekly Report (2024-25)

Week No: 8

Group No.: 2

Date: _____

Title of Project: TradeTavern: ML-Driven Market predictions

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4	A564	Advait Jadhav	

To be filled by Students only

Activities Completed this week

1. Improved the model by implement a stacked LSTM model to get a better accuracy.
2. Decided on how many pages will be there in the project and finalized the basic styling and layouts.

Project Status: In-progress.

Major Issues: N/A

Next Week Plan:

Next week's plan is to create the Landing page and basic components for the project.

Project Guide Remark: Excellent ☐ Good ☐ Satisfactory ☐ Not Satisfactory ☐

Comment by Guide: _____

Project Guide Name & Signature:

Department of Computer Engineering
SE Mini Project Weekly Report (2024-25)

Week No: 9

Group No.: 2

Date: _____

Title of Project: TradeTavern: ML-Driven Market predictions

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3	A561	Kamran Dhopaunkar	
4	A564	Advait Jadhav	

To be filled by Students only

Activities Completed this week

Created Landing and Home page and started work on Sidebar for the project.

Project Status: In-progress.

Major Issues: N/A

Next Week Plan:

Next week's plan is to complete the Sidebar and connect the Firebase backend.

Project Guide Remark: Excellent ☐ Good ☐ Satisfactory ☐ Not Satisfactory ☐

Comment by Guide: _____

Project Guide Name & Signature:

Department of Computer Engineering
SE Mini Project Weekly Report (2024-25)

Week No: 10

Group No.: 2

Date: _____

Title of Project: TradeTavern: ML-Driven Market predictions

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To be filled by Students only

Activities Completed this week

Established the backend server using Firebase and connected it to the project using API key and completed the Sidebar.

Project Status: In-progress.

Major Issues: N/A

Next Week Plan:

Next week's plan is to create the remaining pages and find a services which gives Live data for stocks for free or perform web-scrapping for getting live data through google.

Project Guide Remark: Excellent ☐ Good ☐ Satisfactory ☐ Not Satisfactory ☐

Comment by Guide: _____

Project Guide Name & Signature: