

A Project Report On
Apna Stock



The Report Submitted To
SAURASHTRA UNIVERSITY



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From: -

**23073 - N. P. VEKARIA EDU. & CH. TRUST SANCH.
GRACE COLL. OF COMM., RAJKOT**

DECLARATION

We hereby declare this Dissertation work entitled “ **Stock Market** ” is our original work and further confirm that:

- ✚ This work has been composed by us with the assistance of our supervisor.
- ✚ We have clearly referenced in accordance with the university requirements, in the text and the bibliography or references, all sources (either from a printed source, internet or any other source) used in the work.
- ✚ All data and findings in the work have not been falsified or embellished. This work has been previously or concurrently used either for other courses or within other exam process as an exam work.
- ✚ This work has not been published.

We understand that our false claim in respect of this work will result in disciplinary action in accordance with university regulations.

We confirm and agree that our work may be electronically checked for plagiarism by the use of plagiarism detection software and stored on a third party's server for eventual future comparison.

Signature

Dishant J. Ginoya
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Signature

Darshan K. Malli
00320321577

ACKNOWLEDGEMENT

This is become a reality with the kind support and help of man individuals. We would like to extend our sincere thanks to all of them.

Foremost, we want to offer this endeavour to our God Almighty for the wisdom he bestowed upon us, the strength, peace of our mind and good health in order to finish this research.

We would like to express our special gratitude and thanks to our advisor, Mrs. Meera Barai for imparting her knowledge and expertise in this study.

We are highly indebted to Grace College for their guidance and constant supervision as well as for providing necessary information regarding this research and also for their support in completing this work.

We would like to express our gratitude towards our Family for the encouragement which helped us in completion of this work our thanks and appreciations also go to our colleague and people who have willingly helped us out with their abilities.

Finally, our deepest gratitude goes to parents who have given us much needed comfort, support encouragement and inspiration for completing this project.

We would also like to thank all those people

Place : Rajkot

Date :

PREFACE

This document is meant for describing all the features and procedures that were followed while developing the system.

This document specially mentions the details of the project how it was developed, the primary requirement, as well as various features and functionalities of the project.

It is very useful for getting the information about website. This site helps in saving time and gives many features about website efficiently

Index

Sr No.	Title	Page No.
I	Title page	i
II	Certificate	ii
III	Declaration	iv
IV	Acknowledgment	v
V	Preface	vi
1	Index	1
2	Abstract	2
3	Project Profile	3
4	Requirement	4
5	Flow Chart	5
6	E-R Diagram	7
7	Data Flow Diagram	9
8	Use Case Diagram	13
9	Data Dictionary	15
10	Screen Layout	19
11	Gantt Chart	25
12	Work Experience	26
13	Conclusion	27
14	Bibliography	28

Abstract

This Stock Market is being generated for such purpose only to maintain all the work power of an institute in a single database server.

The main objective to develop the project is to make the Stock Market simple and to provide user-friendly access of this program to all the staff members and students of the Institute so that they can locate and reply the queries concerned to them.

This Software provides a user-friendly interface for the user and it reduces the data redundancy. Centralized information is available which can be accessed by number of users.

Stock markets are without any doubt, an integral and indispensable part of a country's economy. But the impact of stock markets on the country's economy can be different from how the other countries stock market on affect their economies.

In the Stock Market the option to buy a stock at a later time at some fixed price requires money. And after enough profit then sell the stock and given money.

If the user wants to update his/her any details later on the we need to search that register, find specific record and then we can edit that. As all the data is stored as a physical record so it is very difficult and time taking process to search any specific record.

It requires too much time and there is also a big chance of error. Similarly in library there were hundreds of books. There also all the data was being stored manually. It requires a large number of paper files.

Project Profile

Project Name	: Stock Market
Platform	: Windows 11
Front - End	: Python (Flask), HTML, CSS, JSON
Back - End	: Python
Web Server	: MySQL
Web Browser	: Google Chrome
Doc. Tool	: Microsoft word 2021
Editor	: PyCharm, VS Code
Guided by	: Prof. Meera Barai
Submitted by	: Grace College
Time Duration	: 3 Month

Requirement

✓ **Software Requirement : -**

- **OS** : Windows 11
- **Web Server** : Xampp
- **Browser** : Google Chrome
- **Editor** : PyCharm, VS Code

✓ **Hardware Requirement : -**

- **Processor** : AMD Ryzen(R)
- **RAM** : 8 GB
- **System OS** : 64 Bit

Flow Chart

➤ **Terminal : -**



A Terminal to represent start and end of flowchart.

➤ **Process : -**



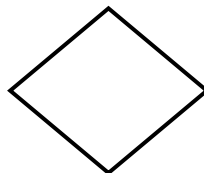
A processing used for arithmetic operations and data manipulations.

➤ **Input/Output : -**



A Input and output used for input output operation

➤ **Decision : -**



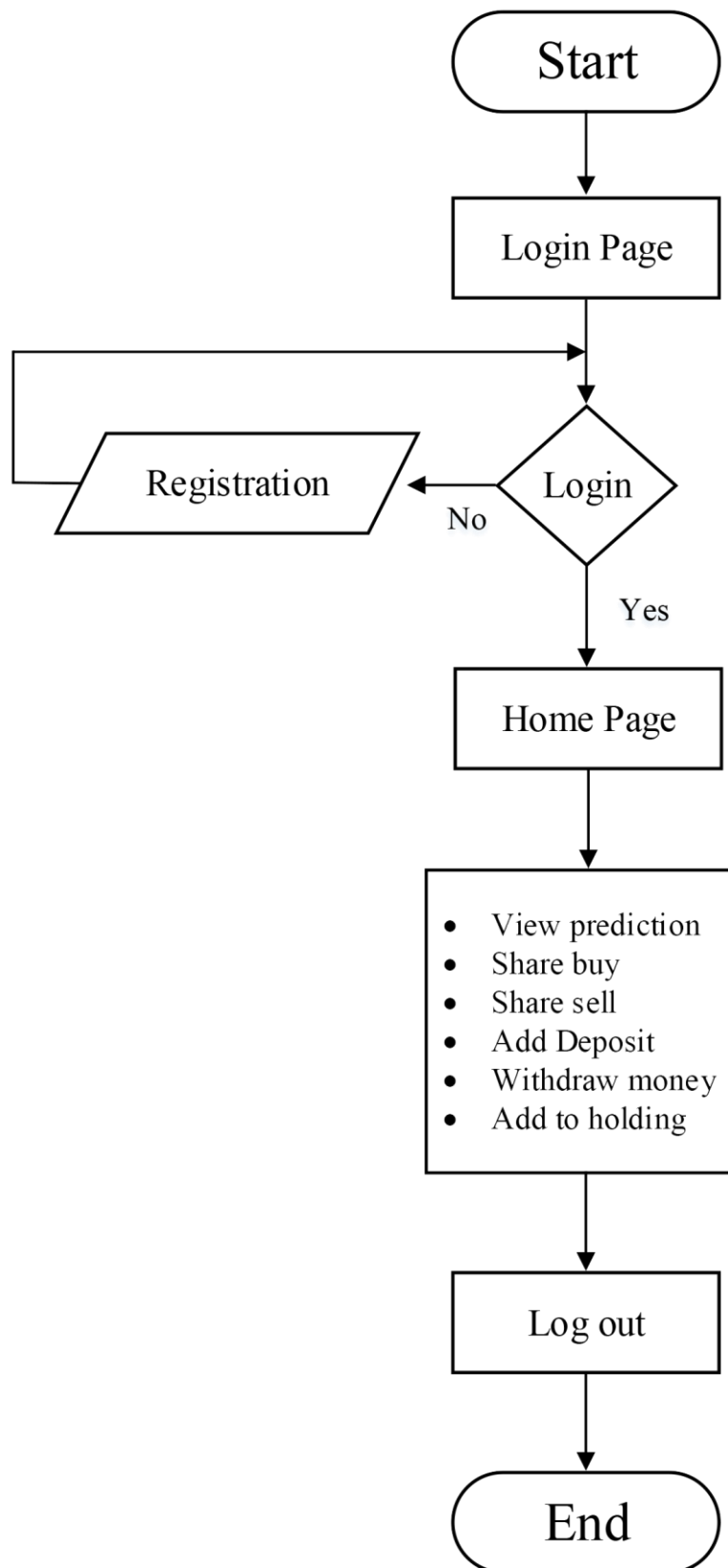
A Decision to represent the operation in a which operation in which three alternatives true and false etc.

➤ **Flow Line : -**



A Flow line used to indicate the flow of logic by connecting symbols.

A flowchart is a type of diagram that represents a workflow or process. A flowchart can also be defined as a diagrammatic representation of an algorithm, a step-by-step approach to solving a task.



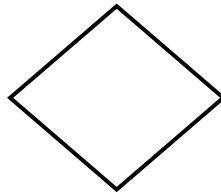
E-R Diagram

➤ Entity Set :-



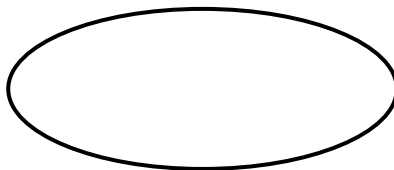
A rectangle to denote an entity set.

➤ Relationship :-



A diamond to denote a relationship between two entity.

➤ Attributes :-



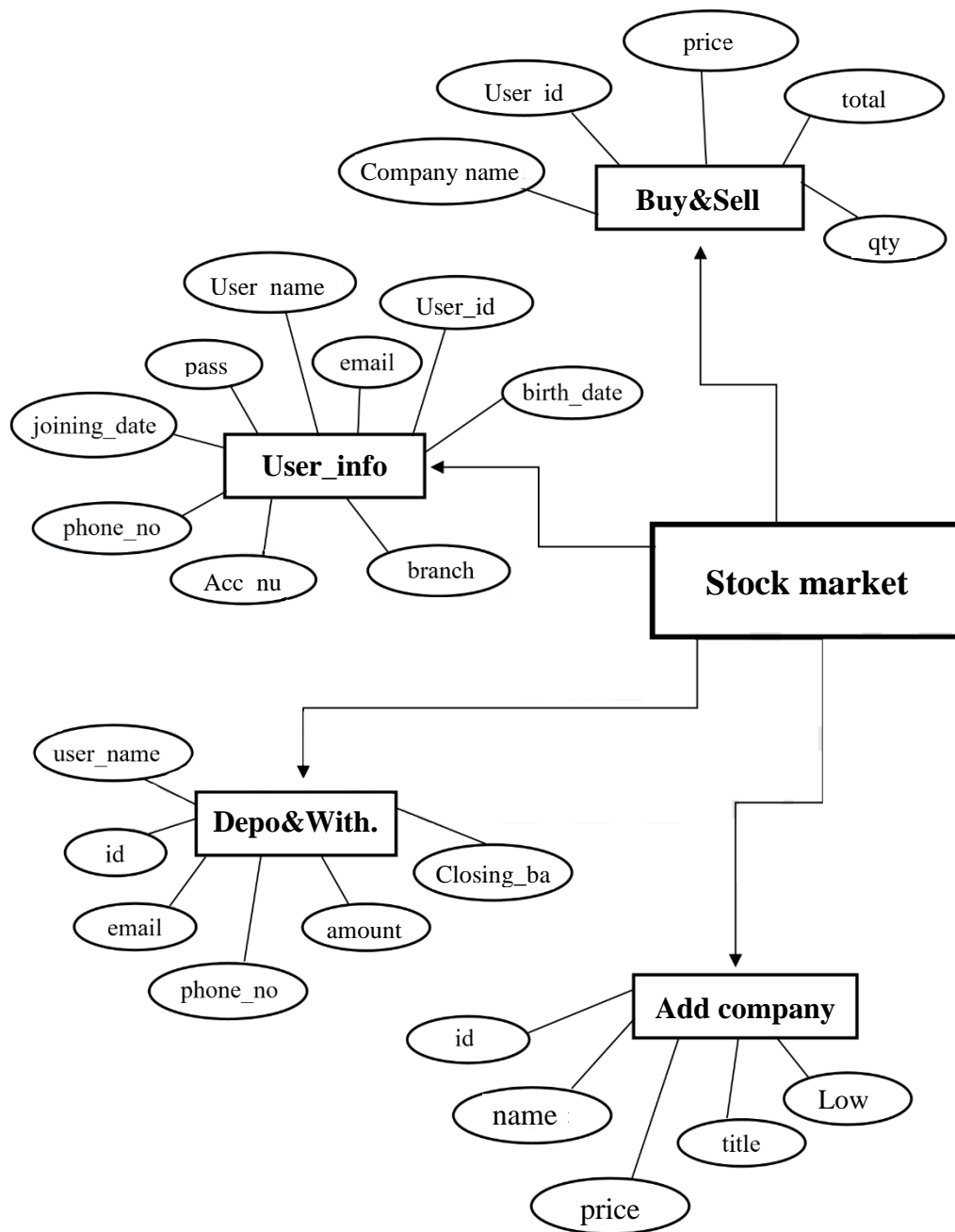
An oval to denote attribute.

➤ Links :-



A line which links attributes to an entity or entity set and entity sets to relationships.

When an E-R diagram is built. The first step is defining entities. The next step is defining the relationship between the entities. The final step to identify the attributes that belong to each entity. Once the E-R diagram is completed.



Data Flow Diagram

➤ External entity : -



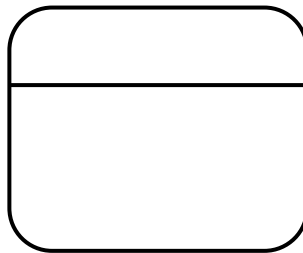
It represents external entities with which the system communicates.

➤ Data store : -



It is used to model a collection of data packets at rest.

➤ Process : -



A process is represented graphically as a circle rectangle with rounded edges.

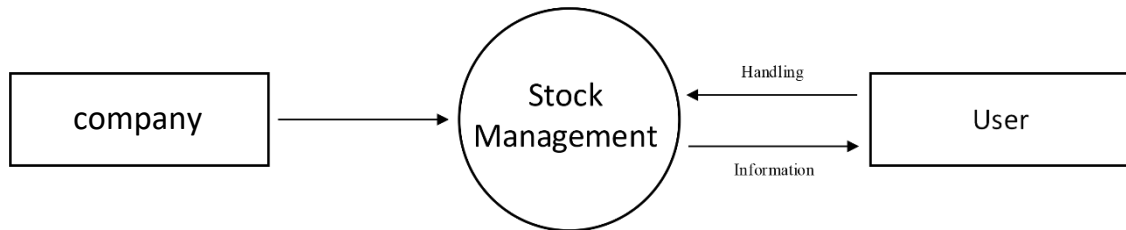
➤ Data Flow : -



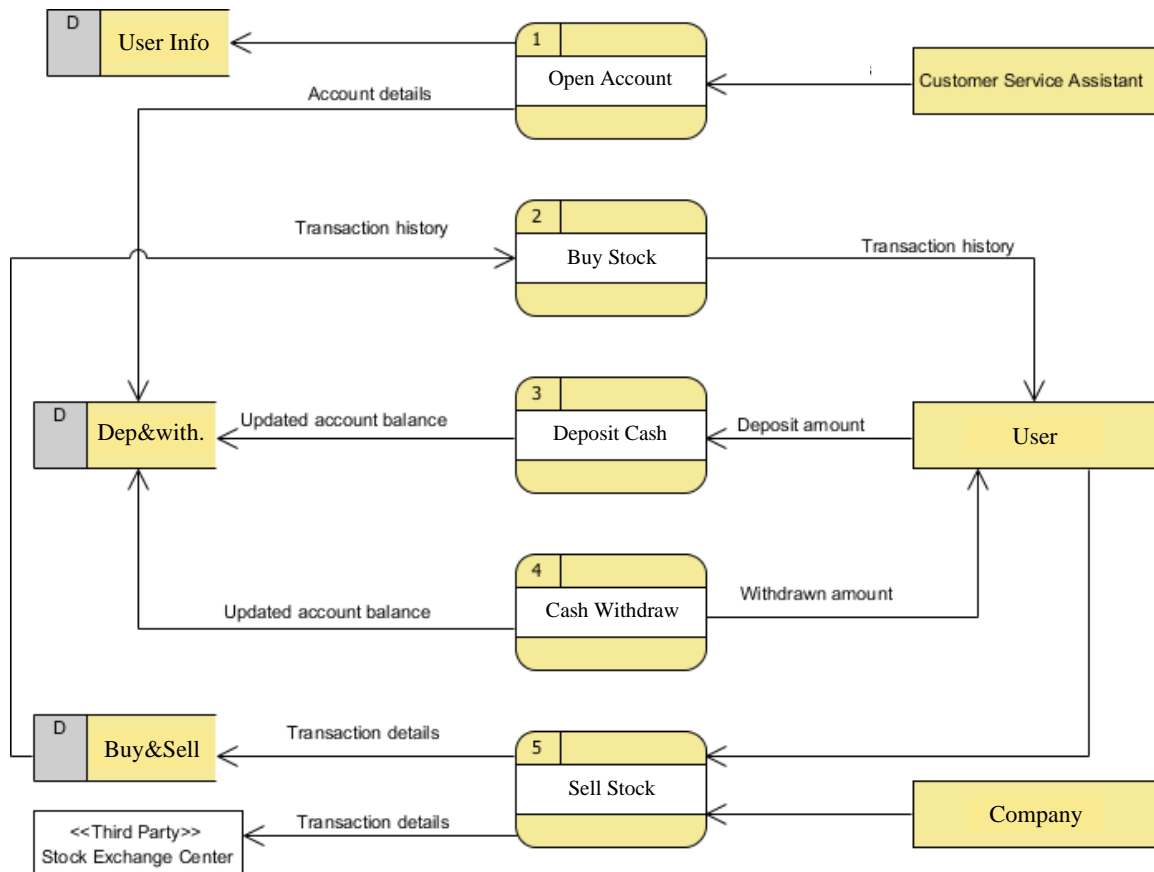
It is used to describe the movement of data or physical material from one part of the system to another part.

A data-flow diagram is a way of representing a flow of data through a process or a system. The DFD also provides information about the outputs and inputs of each entity and the process itself. A data-flow diagram has no control flow; there are no decision rules and no loops.

1. DFD – Context Level Diagram :-

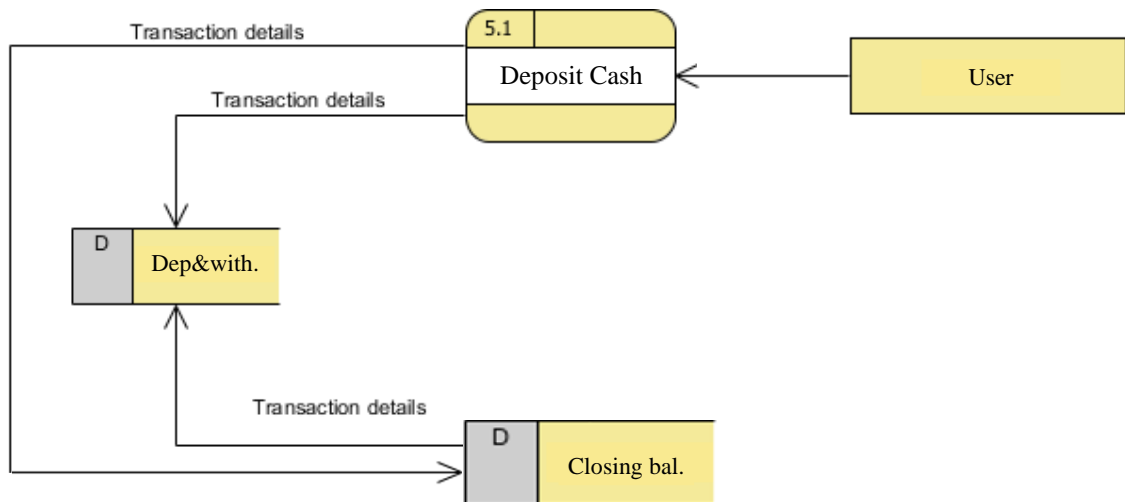


2. DFD – 0 Level for User :-

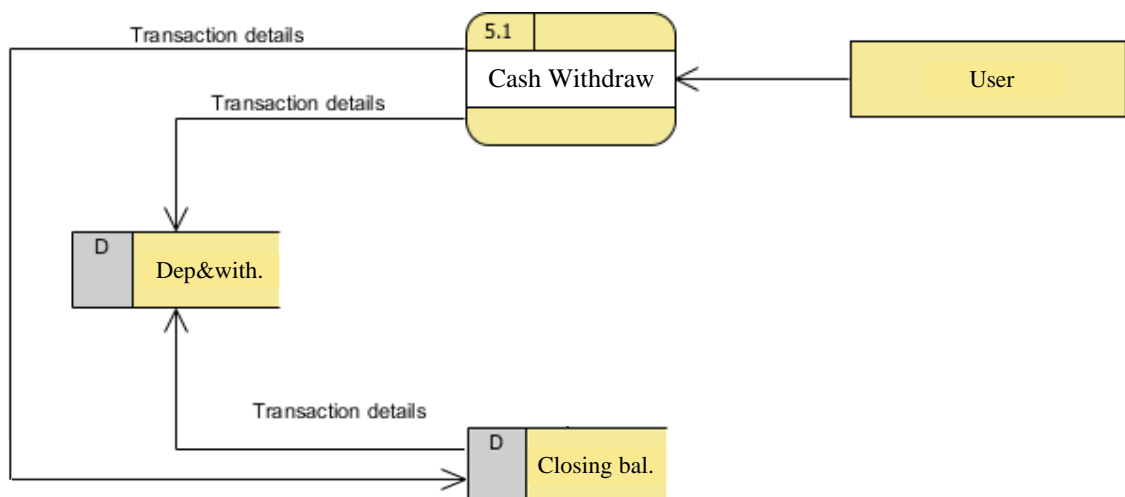


3. DFD – 1 Level for User :-

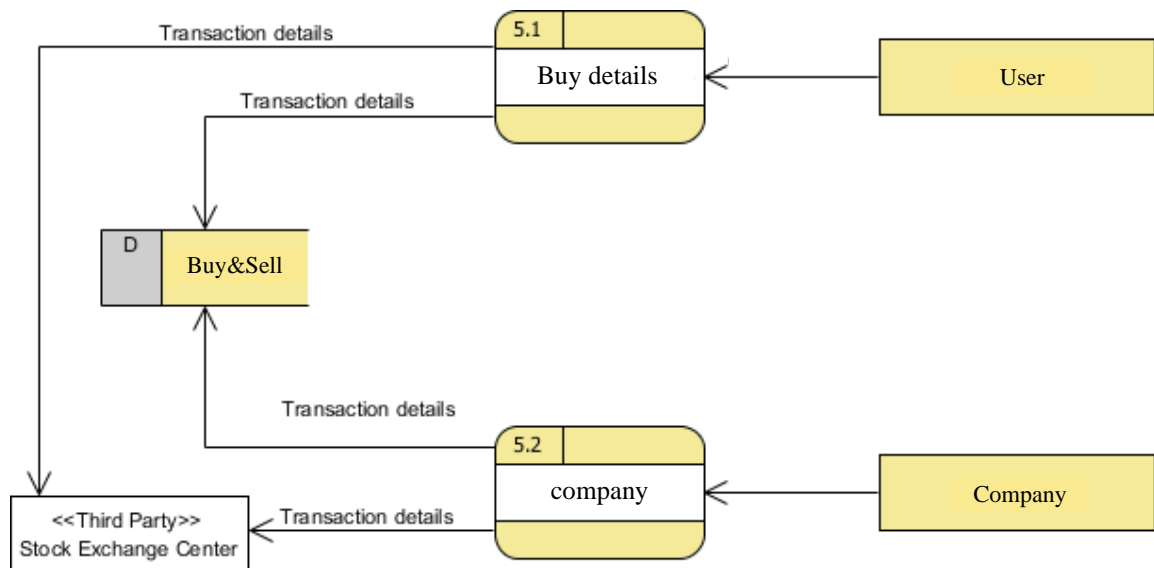
I. Add Deposit :-



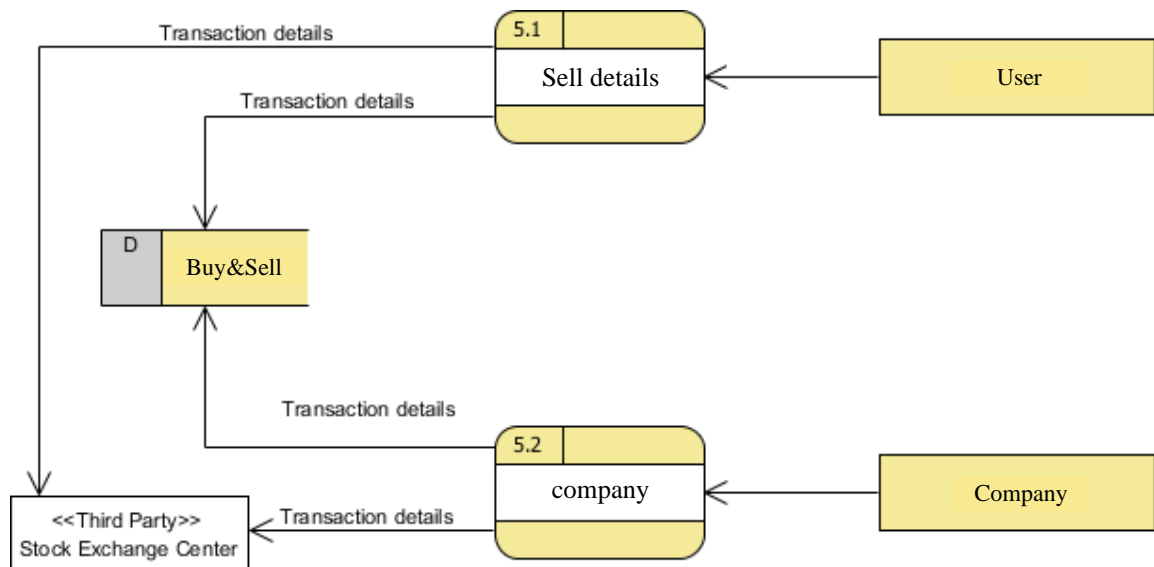
II. Withdraw Cash:-



III. Buy Stock: -

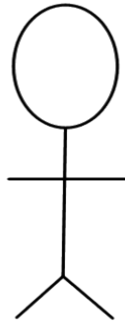


IV. Sell Stock : -



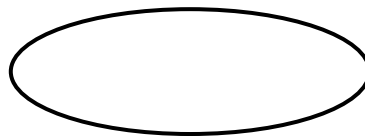
Use Case Diagram

➤ Actor : -



It is a stick persons which represent the various types of users of the system.

➤ Use Case : -



An oval to represents the various functionality of the system.

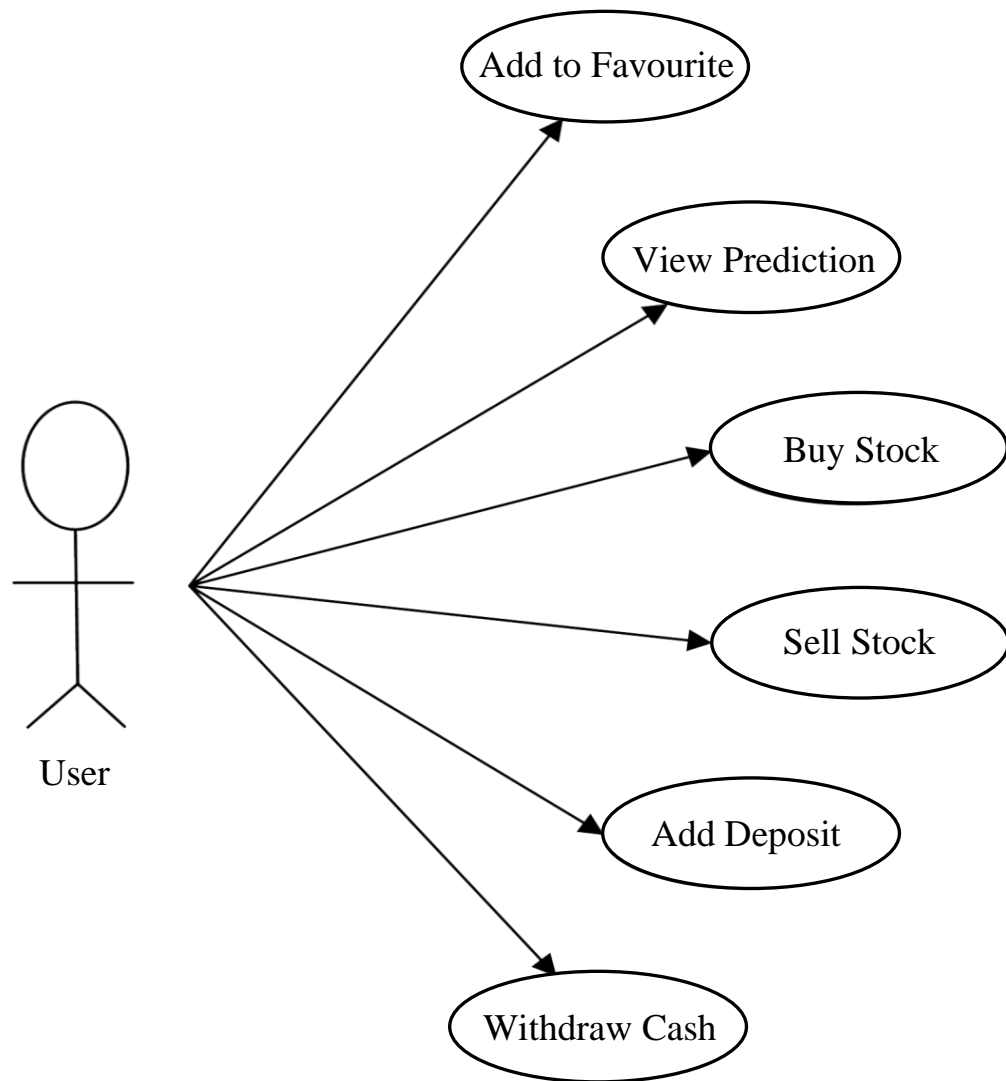
➤ Generalization : -



Communication between actors and use cases that participate in use cases has interaction with actors.

A use case diagram is a graphical depiction of a user's possible interactions with a system. A use case diagram shows various use cases and different types of users the system has and will often be accompanied by other types of diagrams as well. The use cases are represented by either circles or ellipses.

1. Use Case for user : -




Data Dictionary

✓ Data Base Name :


Stock_market

Table No.	Table Name
1	add_company
2	buy&sell
3	closing_balance
4	company
5	deposit&withdraw
6	user_info

1. add_company : -

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 	int(11)			No	None		AUTO_INCREMENT
2	user_id	varchar(10)	utf8mb4_general_ci		No	None		
3	company_name	varchar(15)	utf8mb4_general_ci		No	None		
4	open	float			No	None		
5	high	float			No	None		
6	low	float			No	None		
7	close	float			No	None		

2. buy&sell : -

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 	int(11)			No	None		AUTO_INCREMENT
2	user_id	varchar(10)	utf8mb4_general_ci		No	None		
3	company_name	varchar(15)	utf8mb4_general_ci		No	None		
4	buy&sell	varchar(5)	utf8mb4_general_ci		No	None		
5	qty	int(11)			No	None		
6	price	float			No	None		
7	total	double			No	None		
8	date&time	timestamp			No	current_timestamp()		

3. deposit&withdraw : -

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 🔑	int(11)			No	None		AUTO_INCREMENT
2	user_id	varchar(10)	utf8mb4_general_ci		No	None		
3	amount	double			No	None		
4	deposit&withdraw	varchar(10)	utf8mb4_general_ci		No	None		
5	card_number&upi_id	varchar(20)	utf8mb4_general_ci		No	None		
6	date&time	datetime			No	current_timestamp()		

4. company : -

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 🔑	int(11)			No	None		AUTO_INCREMENT
2	name	varchar(10)	utf8_general_ci		Yes	NULL		
3	open	varchar(7)	utf8_general_ci		Yes	NULL		
4	high	varchar(7)	utf8_general_ci		Yes	NULL		
5	low	varchar(7)	utf8_general_ci		Yes	NULL		
6	close	varchar(7)	utf8_general_ci		Yes	NULL		

5. closing_balance: -

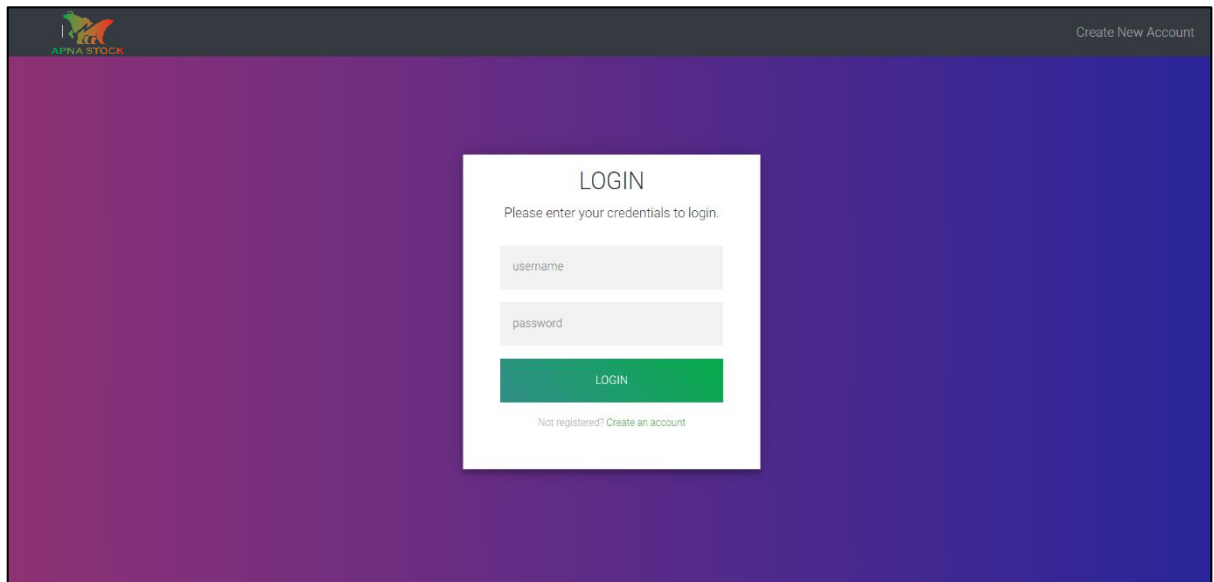
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 🔑	int(11)			No	None		AUTO_INCREMENT
2	user_id 🔑	varchar(10)	utf8mb4_general_ci		No	None		
3	closing_balance	float			No	None		
4	date&time	datetime			No	current_timestamp()		

6. user_info : -

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 🔑	int(11)			No	None		AUTO_INCREMENT
2	user_id 🔑	varchar(10)	utf8mb4_general_ci		No	None		
3	password	varchar(150)	utf8mb4_general_ci		No	None		
4	first_name	varchar(20)	utf8mb4_general_ci		No	None		
5	middle_name	varchar(20)	utf8mb4_general_ci		No	None		
6	last_name	varchar(20)	utf8mb4_general_ci		No	None		
7	email_add	varchar(50)	utf8mb4_general_ci		No	None		
8	phone_no	varchar(12)	utf8mb4_general_ci		No	None		
9	pan_card	varchar(11)	utf8mb4_general_ci		No	None		
10	bank_name	varchar(20)	utf8mb4_general_ci		No	None		
11	ifsc_code	varchar(20)	utf8mb4_general_ci		No	None		
12	account_number	varchar(20)	utf8mb4_general_ci		No	None		
13	demate_number	varchar(20)	utf8mb4_general_ci		No	None		
14	country	varchar(20)	utf8mb4_general_ci		No	None		
15	state	varchar(20)	utf8mb4_general_ci		No	None		
16	city	varchar(20)	utf8mb4_general_ci		No	None		

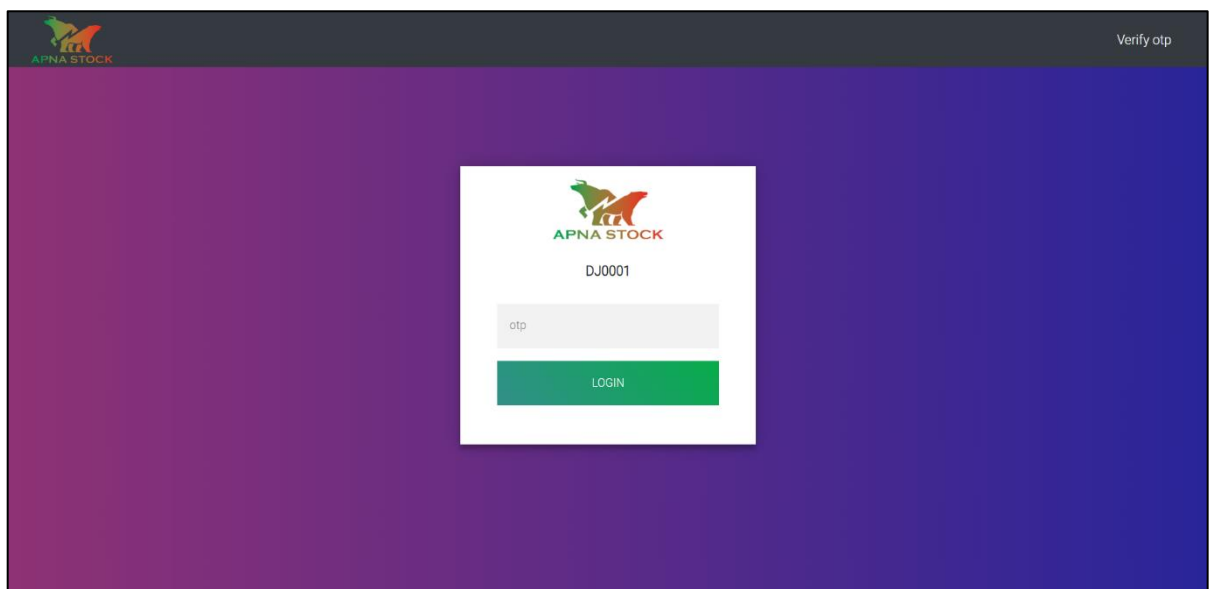
Screen Layout

Login Page :-




The screenshot shows the login page of the APNA STOCK application. The page has a dark blue header with the APNA STOCK logo on the left and a "Create New Account" link on the right. The main background is a gradient of purple and blue. In the center, there is a white login form. The form contains the title "LOGIN", a prompt "Please enter your credentials to login.", two input fields labeled "username" and "password", a green "LOGIN" button, and a link "Not registered? Create an account" at the bottom.

Verify OTP :-



The screenshot shows the OTP verification page of the APNA STOCK application. The page has a dark blue header with the APNA STOCK logo on the left and a "Verify otp" link on the right. The main background is a gradient of purple and blue. In the center, there is a white verification form. The form contains the APNA STOCK logo, a unique identifier "DJ0001", an input field labeled "otp", and a green "LOGIN" button.

Registration Page :-

LOG IN

REGISTRATION

First name :	Middle name :	Last name :
<input type="text" value="Abc"/>	<input type="text" value="Abc"/>	<input type="text" value="Abc"/>
Email ID :	Phone Number :	Pan card Number :
<input type="text" value="abc@gmail.com"/>	<input type="text" value="9877654234"/>	<input type="text" value="ABCDE1234A"/>
Bank name :	IFSC Code :	DP No. :
<input type="text" value="HDFC-Housing Developme"/>	<input type="text" value="ASDF0123457"/>	<input type="text" value="12004356"/>
Account Number :	Confirm Account Number :	BO No. :
<input type="text" value="1234567891023"/>	<input type="text" value="*****"/>	<input type="text" value="87654324"/>
Set Password :	Confirm Set Password :	
<input type="text" value="****"/>	<input type="text" value="****"/>	
Country :	State :	City :
<input type="text" value="India"/>	<input type="text" value="Gujarat"/>	<input type="text" value="Rajkot"/>

Terms and Conditions


Customer Return Policy & Warranty Disclaimer Statement

You may return products only with the Stock Market's prior written approval utilizing a Return Authorization Number obtained from the Customer Service Department. A 15% restocking charge will be made on all returns, except in cases of a manufacturing defect returnable pursuant to the manufacturer's warranty or a shipping error on the part of the Stock Market. Social order items and Goods produce


☒ *Agree to terms and conditions
You must agree before submitting.

Submit

User Profile : -


Profile Dashboard Holding Position Funds Logout

COMPANY	OPEN	CLOSE
1018GS2026	121.02	121.02
182D180523	97.00	97.00
182D250523	96.05	96.05
20MICRONS	98.50	95.10
21STCENMGM	22.80	22.30
364D161123	94.20	94.05
3IINFOLDT	45.45	40.90
3MINDIA	23399.90	23200.00
3PLAND	17.75	16.95
4THDIM	106.05	105.00
522GS2025	97.75	97.70

Hii Dishant

PATEL DISHANT JIVANBHAI

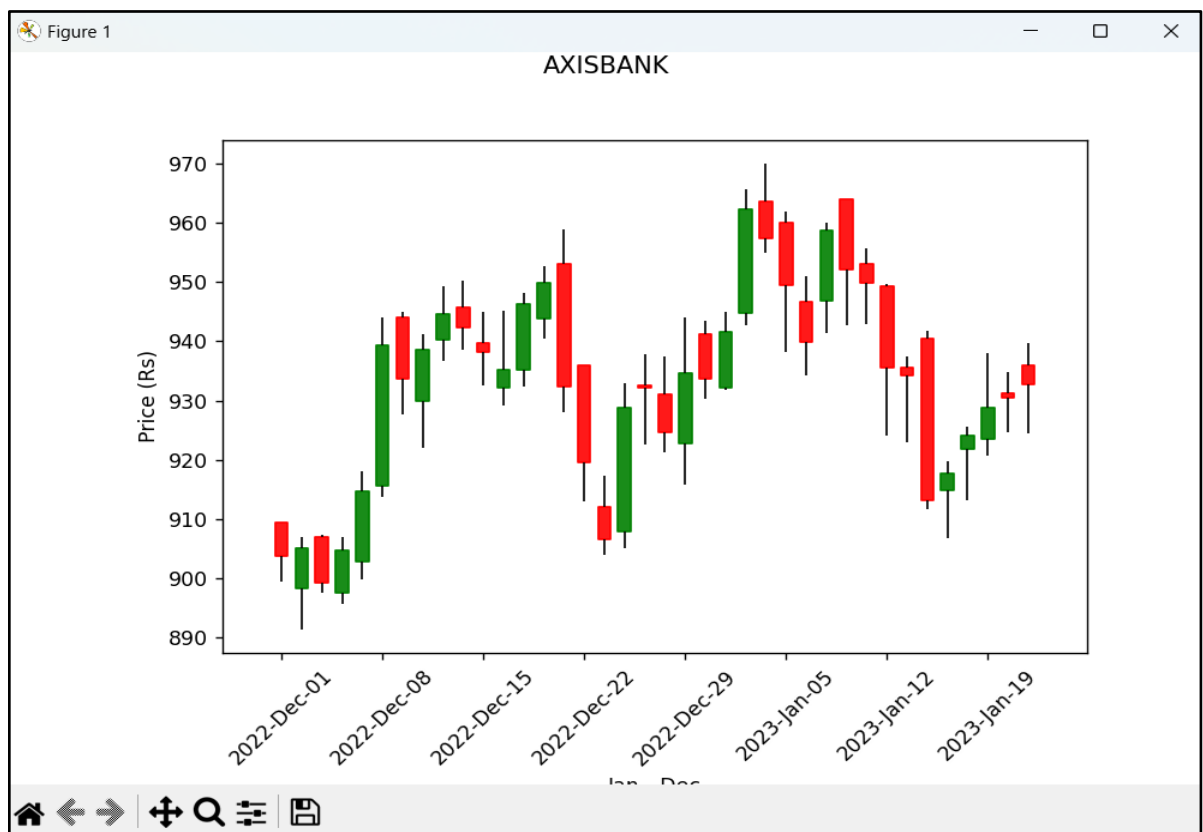
Account

User ID	DJ0001
Email ID	abc@gmail.com
PAN CARD	ABCDE ****
Phone No.	78630 16737


Bank accounts

bank name	SBI
ifsc code	ASDF0123456
account number	**** 0321
Demate	**** 5236

User View prediction : -



User Dashboard :-



[Profile](#)[Dashboard](#)[Holding](#)[Position](#)[Funds](#)[Logout](#)

COMPANY	OPEN	CLOSE
1018GS2026	121.02	121.02
182D180523	97.00	97.00
182D250523	96.05	96.05
20MICRONS	98.50	95.10
21STCENMGM	22.80	22.30
364D161123	94.20	94.05
3IINFOLD	45.45	40.90
3MINDIA	23399.90	23200.00
3PLAND	17.75	16.95
4THDIM	106.05	105.00
522GS2025	97.75	97.70

Dashboard

Company Name	Qty.	Price	Total
20MICRONS	8	98.50	788.00
21STCENMGM	10	22.80	228.00
AKZOINDIA	4	2309.95	9239.80
AMBIKCO	11	1509.95	16609.45
ARVSMART	12	289.00	3468.00

User Favourite lists :-

APNA STOCK			Profile	Dashboard	Holding	Position	Funds	Logout
Search			Favorite					
Serch								
COMPANY	OPEN	CLOSE	Company Name	Open	High	Low	Close	Action
1018GS2026	121.02	121.02	1018GS2026	121.02	121.02	121.02	121.02	Delete
182D180523	97.00	97.00	20MICRONS	96.80	98.50	95.10	95.90	Delete
182D250523	96.05	96.05	3MINDIA	23200.00	23399.90	23200.00	23331.10	Delete
20MICRONS	98.50	95.10	AMBER	2004.95	2023.95	1990.50	1997.85	Delete
21STCENMGM	22.80	22.30	ARVSMART	276.05	289.00	275.95	280.75	Delete
364D161123	94.20	94.05	AXISBANK	939.75	944.95	932.60	938.15	Delete
3IINFOLD	45.45	40.90	GTPL	144.00	145.50	140.70	141.75	Delete
3MINDIA	23399.90	23200.00						
3PLAND	17.75	16.95						
4THDIM	106.05	105.00						
522GS2025	97.75	97.70						

User Buy & Sell History : -

APNA STOCK

ProfileDashboardHoldingPositionFundsLogout

Search

COMPANY	OPEN	CLOSE
1018GS2026	121.02	121.02
182D180523	97.00	97.00
182D250523	96.05	96.05
20MICRONS	98.50	95.10
21STCENMGM	22.80	22.30
364D161123	94.20	94.05
3IINFOLDT	45.45	40.90
3MINDIA	23399.90	23200.00
3PLAND	17.75	16.95
4THDIM	106.05	105.00
522GS2025	97.75	97.70

History

Serch

Company Name	Open	High	Low	Close	Buy/Sell	Qty.	Price	Total
AMBIKCO	1508.00	1509.95	1484.90	1494.15	buy	11	1509.95	16609.45
AKZOINDIA	2309.95	2309.95	2256.00	2285.85	sell	3	2309.95	6929.85
AKZOINDIA	2309.95	2309.95	2256.00	2285.85	buy	5	2309.95	11549.75
20MICRONS	96.80	98.50	95.10	95.90	sell	7	98.50	689.50
21STCENMGM	22.50	22.80	22.30	22.50	buy	10	22.80	228.00
ARVSMART	276.05	289.00	275.95	280.75	buy	12	289.00	3468.00
AKZOINDIA	2309.95	2309.95	2256.00	2285.85	buy	2	2309.95	4619.90
20MICRONS	96.80	98.50	95.10	95.90	buy	15	98.50	1477.50

User Add & Withdraw Cash : -

APNA STOCK			Profile Dashboard Holding Position Funds Logout						
Search			Equity						
COMPANY	OPEN	CLOSE	Add Cash						
1018GS2026	121.02	121.02	Holder Name						
182D180523	97.00	97.00	DARSHAN J MALLI						
182D250523	96.05	96.05	Card Number						
20MICRONS	98.50	95.10	7444-4444-4444-4444						
21STCENMGM	22.80	22.30	Expiry						
364D161123	94.20	94.05	45/45						
3IINFOLDT	45.45	40.90	CVV/CVS						
3MINDIA	23399.90	23200.00	...						
3PLAND	17.75	16.95	Amount						
4THDIM	106.05	105.00	2000						
522GS2025	97.75	97.70	*Note : Minimum 100RS						
			Add						
			Withdraw Amount						
			UPI ID						
			asdc@fdv						
			Phone no						
			81178 58855						
			Amount						
			3000						

User Buy a Stock : -

Buy

AXISBANK

×

RegularCoverAMOIcebergAvailable Qty of: 988

☐ Intraday (MIS) ☒ Longterm (CNC)

Qty.

Price

Trigger price

* Note :
you can maximum 100
share buy.

☒ Market
☐ Limit

☐ SL ☐ SL-M

Total Amount : 11339.40 RS

Buy

Cancel

User Sell a Stock : -

Sell

AXISBANK

×

RegularCoverAMOIcebergAvailable qty: 12

☐ Intraday (MIS) ☒ Longterm (CNC)

Qty.

Price

Trigger price

* Note :
you can maximum 100
share buy.

☒ Market
☐ Limit

☐ SL ☐ SL-M

Total Amount : 5669.700 RS

Sell

Cancel

Gantt Chart

No.	Deception	OCT		NOV			DEC			JAN
		19/10	21/10	1/11	11/11	21/11	1/12	11/12	1/1	15/1
1	Requirement Gathering									
2	Analysis									
3	Designing									
4	Coding									
5	Testing									
6	Implementation									
7	Report									

Work Experience

We take this opportunity to express my deepest gratitude and appreciation to all those people who made this project work easier with words of encouragement, motivation and helped us towards the successful completion of this project work.

Our project guided **Mrs. Meera Barai** provided a full support to us. They always helped us just like a friends and companion and not just as professional guide they provide the information required by us any time. They personally worked hard for our project.

Also the other faculty members related to the computer department never denied to help us. For instant the topic such as JavaScript and PHP which were not in our syllabus but were used in our project were taught to us by them any problem by us in our dream project was immediately sorted out by them. Also the institute has provided us the immense help by leap and bounds.

Last but not the least the overall experience of developing this project is as good as studying an entire new subject and fuelling up our knowledge banks.

Conclusion

With the permission from the **Saurashtra University**, to developed a system that would computerize the “**Stock Market for Apna Stock**”. Activities, the system analyst has been able to come to a successful end of the journey that has him thought ups and down.

As he concludes, he is grateful that the system will be able to serve its indented purposed and meet its objectivity to the satisfaction of the “**Stock Market for Apna Stock**” Students and visitors.

The project entitled as **Stock Market** is the system that deals with the issues related to a particular institution. This project is successfully implemented with all the features mentioned in system requirements specification.

Awareness and right information about any college is essential for both the development of student as well as faculty. So this serves the right purpose in achieving the desired requirements of both the communities

Bibliography

Bibliography means take reference to prepare any project, here I concern the book and website which takes reference is as under.

➤ **Books :-**

- PHP
- SAD
- MySQL

➤ **WEBSITE :-**

- www.w3school.com
- <https://kite.zerodha.com/>
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