lEt’s Trade

-Invest to Grow



Online Stock Trading applications

Software Requirements Specification

Version <1.0>

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**Objectives of the project:**

**With the help of Demat and Trading account, buying and selling of shares has become a much faster and even process than trading with the assistance of a physical broker. It provides for the assimilation of bank, broker, stock exchange and depository participants**

**-Software Requirements Specification Document-**

Functional Requirements:

Module 1:

(a)Signup:

**S1: Enter the First Name.**

**S2: Enter the Last Name.**

**S3: Enter the Username.**

**S4: Enter the Pin (4 digits).**

**Requirements**

**R1. a: The entered PIN should contain only 4 digits. If the PIN contains less than or greater than 4 digits then it will throw an error message.**

(b)Login:

**S1: Enter the User Name.**

**S2: Enter the PIN Number.**

**S3: Enter the Year of Birth.**

**S4: Click on Login Button.**

**Requirements**

**R1.1: Ask for Year of Birth if the User Name and PIN are correct, else remain in the same page if the User name or PIN are incorrect.**

**R1.2: User will have three attempts to try for correct Username and PIN. If user fails after third time, then the account get locks for a period of 24 hours.**

**R1.3: Go to the Dashboard if the entered year of birth is correct, else stay in the same page.**

Module 2:

Dashboard:

**S1. Select one option from the given below.**

1. Watch Stocks.

2. Buy/Sell Stocks.

3. Add/Withdraw funds.

4.Chage PIN.

5. Raise the ticket.

**Requirements**

**R2.1: open selected option from below, show error message as the “Option does not exist” if the selected option is not from the list.**

**Module 3:**

**Watch Stocks:**

**S1: Select the stock from the below given stocks.**

**Requirements**

**R3.1: open selected Stock from below show error message as the** “**Option does not exist” if the selected option is not from the list.**

**R3.2: The parameters of the stock are shown.**

**Module 4:**

**Buy/Sell Stocks:**

**S1: Select the stock from the below given stocks.**

**S2: Select from the given options.**

**1. Buy Stock trading.**

**2. Sell Stock trading.**

**S3: Enter the PIN.**

**Requirements**

**R4.1: open selected Stock from below, show error message as the** “**Stock does not exist” if the selected option is not from the list.**

**R4.2: open selected trading option. show error message as the** “**Selected option does not exist” if the selected option is not from the list.**

**R4.3: If entered PIN is correct Show message as** “**Stock successfully added to Demat account”. else show error message as the** “**Invalid PIN”.**

Module 5:

Add/Withdraw funds:

**S1: Open selected Add/Withdraw option.**

1. **UPI payment**
2. **Net Banking**

**S2: Type the details as per the selected payment mode.**

**Requirements**

**R5.1: if the entered details are correct show message as the** “**Payment successful”. Else show error message as** “**The details are invalid**”.

Module 6:

Change PIN:

S1: Enter the username.

**S2: Enter the current PIN to create the new PIN and confirm it by re type it.**

**Requirements**

**R6.1: Enter current Username and PIN, confirm the new PIN if the details are correct show the message as** “**Successfully changed”**, **else show message as** “**Invalid current PIN”** or **“Invalid confirm Pin”.**

**R6.2: If the user enters the demo credentials for changing the PIN it shows an error message as the user entered the demo credentials.**

Module 7:

Raise a ticket

**S1: Enter the Username.**

**S2: Enter the PIN**

**S3: Enter the Ticket name**

**S4: Enter the Ticket description.**

**Requirements**

**R7.1: If the entered Username and PIN are correct then allow User to enter the ticket name and description, else show error message as** “**Invalid Username/PIN”.**

**Non-Functional Requirements:**

**Performance:** Results are displayed quickly

**Application:** User friendly and not a complicated application.

**Security:** Asks PIN to confirm the Payment.