

User Manual

for

PHInance

Version 1.00

Prepared by

Group 15:

Anisha Srivastava	220149
Dilbar Singh Lamba	220368
Pranshu Thirani	220801
Sameer Yadav	220950
Sangam Gupta	220961
Aruz Awasthi	230209
Anirudh	220146
Aadi Singh	220004
Aadya Dhir	220010
Anish Sahu	220148

Group Name: Team FEINance

anishas22@iitk.ac.in
dilbars22@iitk.ac.in
pranshut22@iitk.ac.in
sameer22@iitk.ac.in
sangamg22@iitk.ac.in
aruza23@iitk.ac.in
anirudhm22@iitk.ac.in
aadis22@iitk.ac.in
aadyad22@iitk.ac.in
anishsahu22@iitk.ac.in

Course: CS253

Mentor TA: Naman Baranwal

Date : 05/04/2025

INDEX

CONTENTS.....	2
REVISIONS.....	2
1 INTRODUCTION.....	3
2 SIGN UP PAGE.....	4
3 SIGN IN PAGE.....	6
4 SIDEBAR MENU.....	8
5 DASHBOARD.....	9
6 PROFILE PAGE.....	11
7 BUY AND SELL STOCKS.....	14
8 AI-POWERED PREDICTION.....	17
9 PORTFOLIO MANAGEMENT.....	20
10 RISK MANAGEMENT.....	24
11 LEARNING CENTER.....	27
12 SUPPORT.....	31

Revisions

Version	Primary Author(s)	Description of Version	Date Completed
v1.00	Anisha Srivastava Dilbar Singh Lamba Pranshu Thirani Sameer Yadav Sangam Gupta Aruz Awasthi Anirudh Aadi Singh Aadya Dhir Anish Sahu	The First Version of User Manual	05/04/2025

INTRODUCTION

Purpose of the Document

The purpose of this user manual is to provide a detailed and structured guide to help users navigate and utilize the PHINANCE platform efficiently. It aims to familiarize users with the interface, explain the functionalities of each feature, and offer step-by-step instructions for performing common tasks such as signing in, managing portfolios, buying or selling stocks, and using AI-driven predictions. This manual acts as a resource for users to better understand the platform and leverage its tools for smarter financial decision-making.

Software Overview

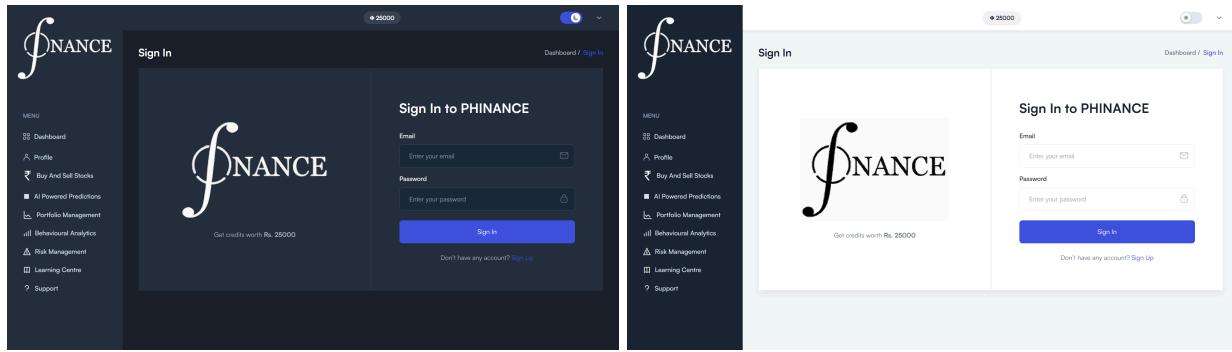
PHINANCE is an integrated finance platform developed to simplify and enhance personal investing and portfolio management. It provides a range of features such as real-time stock trading, AI-powered market forecasting, and detailed analytics to track and evaluate investment performance. The platform is designed with a modern and responsive user interface, offering both light and dark mode themes to suit user preferences. By combining advanced algorithms with user-friendly design, PHINANCE caters to both beginner and experienced investors who seek to optimize their financial strategies with the help of smart technology.

Intended Audience

This manual is designed for a broad range of users who interact with the PHINANCE platform. It includes first-time users who need guidance on account setup and navigation, casual investors looking to manage their finances more effectively, and experienced traders interested in leveraging AI-driven tools for market predictions. Whether the user is exploring investing for the first time or is a seasoned financial enthusiast, this manual offers insights and instructions that enable them to make the most of the platform's capabilities.

Overview

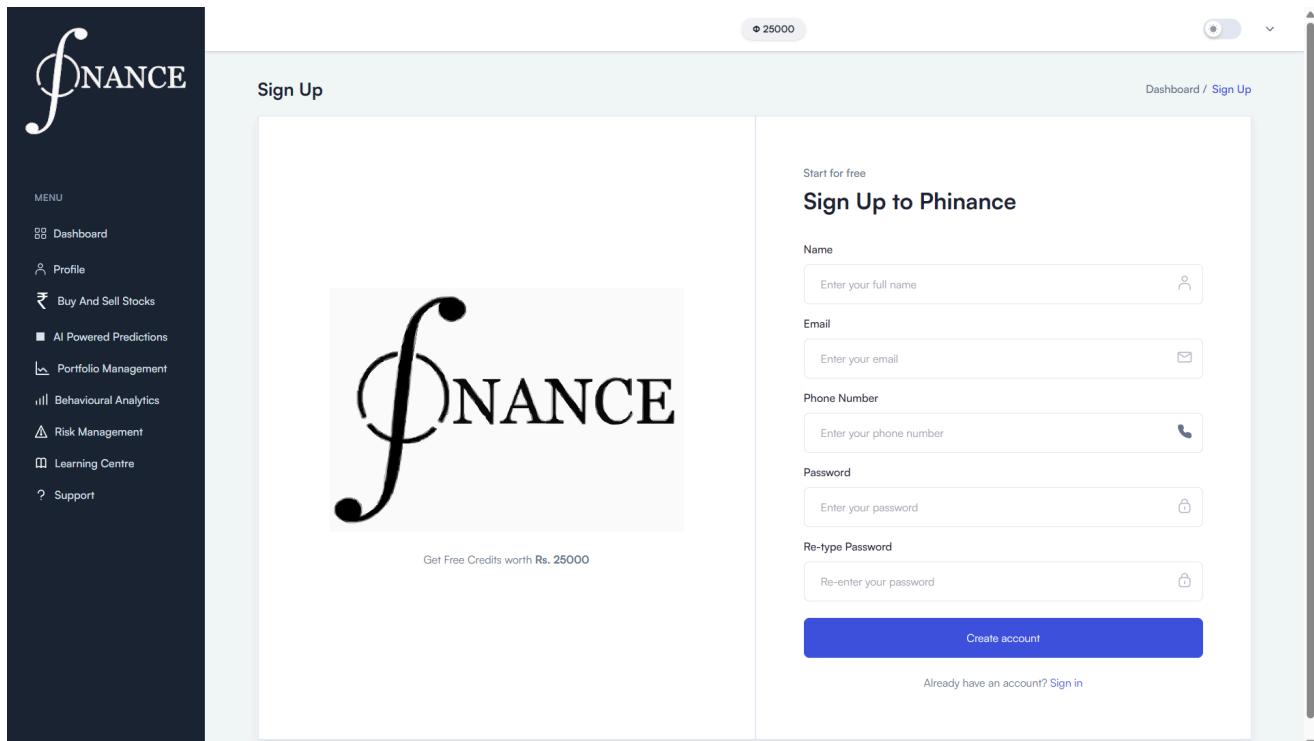
PHINANCE is a comprehensive finance platform offering tools for stock trading, AI-powered predictions, portfolio management, behavioral analytics, and more. The platform supports both light and dark mode themes, allowing users to switch based on their preference. This manual is written with reference to the **light mode interface**.



Dark Mode

Light Mode

1. Sign Up Page



1.1 Page Overview

The Sign-Up Page consists of three main sections:

1. Sidebar Menu (Left Panel)
2. Sign-Up Form (Main Panel)
3. Promotional Section (Main Panel - Left Side)

1.2 Sign-Up Form

The central section contains a form for new users to create an account. Below are the fields and features of the form:

1.3 Form Fields

1. Name:
 - Input field for entering the user's full name.
 - Icon: User icon for easy identification of the field.
2. Email:
 - Input field for entering a valid email address.
 - Icon: Email icon for clarity.
3. Phone Number:
 - Input field for entering a phone number.
 - Icon: Phone icon for identification.
4. Password:
 - Input field for creating a secure password.
 - Icon: Lock icon indicating security.
5. Re-type Password:
 - Input field for confirming the password entered above.
 - Icon: Lock icon for confirmation.

1.4 Features

- Create Account Button:
 - A blue button labeled "Create Account" to submit the form and complete the registration process.
- Sign-In Link:
 - A link at the bottom of the form that redirects existing users to the login page.

1.5 Promotional Section

The left side of the main panel includes branding and promotional content:

- The PHInance logo is prominently displayed in this section.
- A promotional message reads: "Get Free Credits worth ₹25,000," encouraging users to sign up and start using the platform.

1.6 Top Navigation Bar

The top navigation bar includes:

1. A display showing free credits available upon sign-up (₹25,000).
2. A toggle switch (likely for theme or settings adjustments).

2. Sign In Page

The image displays two views of the PHInance sign-in page. On the left is the mobile version, featuring a dark sidebar with a menu containing options like Dashboard, Profile, Buy And Sell Stocks, AI Powered Predictions, Portfolio Management, Behavioural Analytics, Risk Management, Learning Centre, and Support. The main area shows the PHInance logo and a promotional message: "Get credits worth Rs. 25000". On the right is the desktop version, which has a "Sign In" header and a "Sign In to PHINANCE" sub-header. It includes input fields for "Email" and "Password", a "Sign In" button, and a link for users without an account: "Don't have any account? [Sign Up](#)". Both versions also feature a "Get credits worth ₹25000" promotional message at the bottom.

2.1 Page Overview

The Sign-In Page is divided into three main sections:

1. Sidebar Menu (Left Panel)
2. Sign-In Form (Main Panel - Right Side)
3. Promotional Section (Main Panel - Left Side)

2.2 Sign-In Form

The central section on the right side contains a form for existing users to log in to their accounts. Below are the fields and features of the form:

2.3 Form Fields

1. Email:
 - Input field for entering the user's registered email address.
 - Icon: Email icon for clarity.
2. Password:
 - Input field for entering the user's account password.
 - Icon: Lock icon indicating security.

2.4 Features

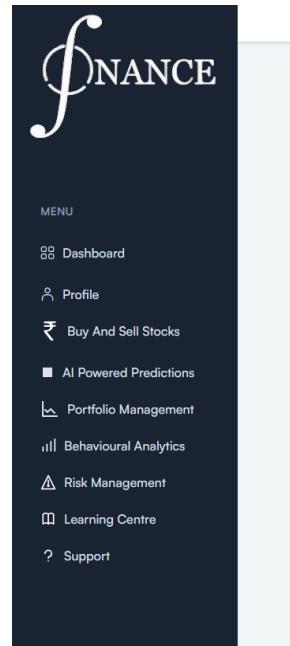
1. Sign In Button:
 - A blue button labeled "Sign In" to submit credentials and log in securely.
2. Sign-Up Link:
 - A link at the bottom of the form that redirects new users to the sign-up page if they do not have an account.

3. Sidebar Menu

The sidebar menu provides quick navigation to various sections of the application:

- Dashboard: Redirects the user to the main dashboard where they can view an overview of their account and activities.
- Profile: Displays the user's personal details, balance, and other account-related information.
- Buy and Sell Stocks: Allows users to trade stocks directly from the platform.
- AI-Powered Predictions: Provides AI-driven insights and predictions for stock market trends.
- Portfolio Management: Helps users manage their investment portfolios effectively.
- Behavioral Analytics: Offers insights into the user's trading behavior and patterns.

- Risk Management: Tools to assess and manage risks associated with investments.
- Learning Centre: Educational resources for users to improve their financial literacy.
- Support: Access to customer support for queries or issues.



4. Dashboard

All Stocks		
Reliance Industries Limited	RELIANCE	₹ 1204.7
HDFC Bank Limited	HDFCBANK	₹ 1817.3
Tata Consultancy Services Limited	TCS	₹ 3299.4
Bharti Airtel Limited	BHARTIARTL	₹ 1743.45
ICICI Bank Limited	ICICIBANK	₹ 1335.3
State Bank of India	SBIN	₹ 7674.5
Infosys Limited	INFY	₹ 1451.65
Bajaj Finance Limited	BAJFINANCE	₹ 8718.85
Hindustan Unilever Limited	HINDUNILVR	₹ 2244.55
ITC Limited	ITC	₹ 409.7
Kotak Mahindra Bank Limited	KOTAKBANK	₹ 231.95

4.1 Page Overview

The All Stocks Page is divided into three main sections:

1. Sidebar Menu (Left Panel)
2. All Stocks Section (Main Panel)
3. Your Watchlist Section (Right Panel)

4.2 All Stocks Section

The central panel displays a list of all available stocks along with their details. Each stock item includes the following information:

4.3 Stock Details

- Stock Name: Full name of the stock (e.g., Reliance Industries Limited, HDFC Bank Limited).
- Ticker Symbol: The stock's unique identifier (e.g., RELIANCE, HDFCBANK).
- Current Price: Displays the current market price of the stock in INR (e.g., ₹1204.7, ₹1817.3).

4.3.1 Features

1. Add to Watchlist (+ Icon):
 - Each stock has a "+" button that allows users to add it to their personal watchlist.
 - Clicking this button adds the selected stock to the "Your Watchlist" section on the right panel.
2. Scrollable List:
 - Users can scroll through the list of stocks to explore all available options.

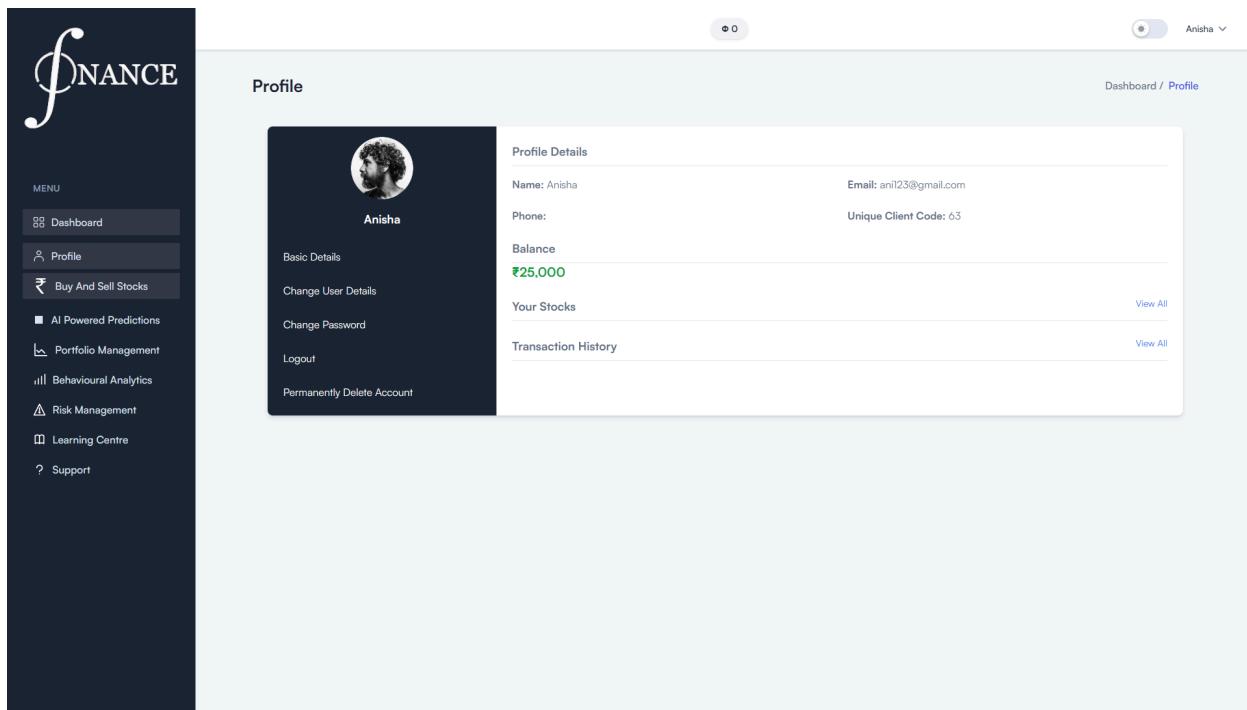
4.4 Your Watchlist Section

The right panel displays stocks added by the user to their watchlist for easy tracking and monitoring.

4.4.1 Features:

- Initially, this section is empty until stocks are added using the "+" button in the "All Stocks" section.
- Once added, stocks appear here with their name, ticker symbol, and current price for quick reference.

5. Profile Page



5.1 Page Overview

The profile page is divided into two main sections:

1. Sidebar Menu (Left Panel)
2. Profile Details Section (Main Panel)

5.2 Profile Details Section

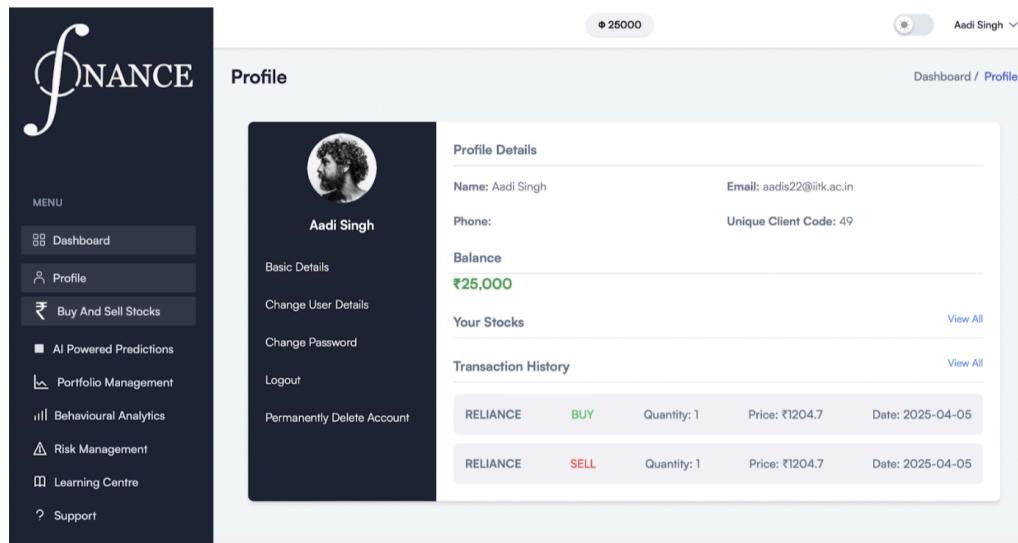
This section displays specific user details and provides access to account management options:

5.3 Profile Details

- Name: The name of the user (e.g., Anisha).
- Email: The email address associated with the user's account (e.g., anil123@gmail.com).
- Phone: Placeholder for the phone number (not filled in this example).
- Balance: The current account balance displayed in INR (₹25,000 in this example).
- Unique Client Code: A unique identifier for the user's account (e.g., 63).

5.4 Additional Features

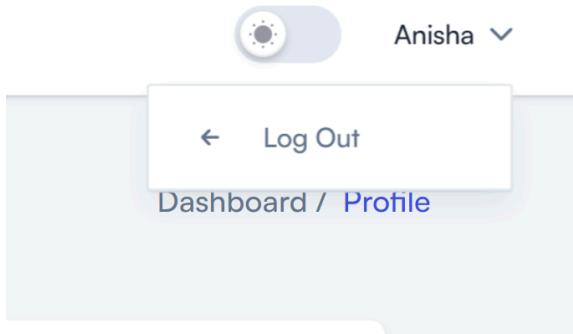
1. Your Stocks:
 - Displays a list of stocks owned by the user.
 - Users can click "View All" to see a detailed breakdown of their stock holdings.
2. Transaction History (attached image below):
 - Provides a record of all transactions made by the user.
 - Users can click "View All" to access detailed transaction logs.



3. Change User Details:
 - Option to update personal details such as name, email, or phone number.
4. Change Password:
 - Allows users to securely update their account password.
5. Logout:
 - Logs the user out of their account securely.
6. Permanently Delete Account:
 - Provides an option to delete the user's account permanently.

5.5 Other Features

- The top-right corner displays the user's name (Anisha) with a dropdown menu for additional settings or logout options.



- A notification icon is available at the top-right corner for system alerts or updates.

This layout ensures easy navigation and access to all essential features, making it user-friendly for managing financial activities efficiently.

6. Buy and Sell Stocks

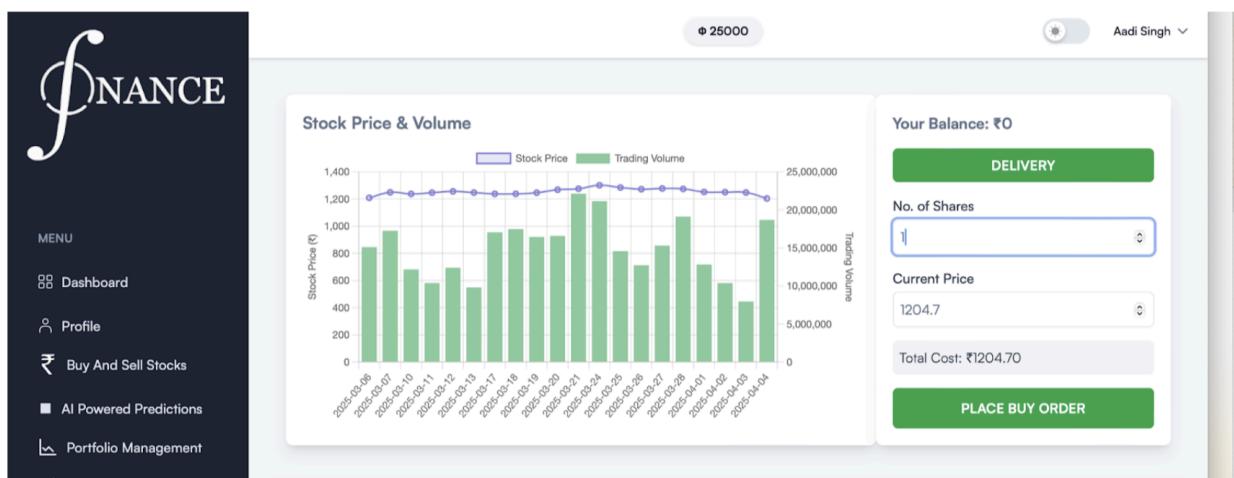
The screenshot displays the 'Buy & Sell Stocks' section of the app. On the left is a dark sidebar with the 'FINANCE' logo and a navigation menu. The menu items include: Dashboard, Profile, Buy And Sell Stocks (which is highlighted), AI Powered Predictions, Portfolio Management, Behavioural Analytics, Risk Management, Learning Centre, and Support. The main content area has a header 'Buy & Sell Stocks'. Below it is a table with the following data:

STOCK	PRICE (₹)	ACTIONS
RELIANCE	₹1204.70	Buy Sell
HDFCBANK	₹1817.30	Buy Sell
TCS	₹3299.40	Buy Sell
BHARTIARTL	₹1743.45	Buy Sell
ICICIBANK	₹1535.30	Buy Sell
SBIN	₹767.45	Buy Sell
INFY	₹1451.65	Buy Sell
BAJFINANCE	₹8718.85	Buy Sell
HINDUNILVR	₹2244.55	Buy Sell
ITC	₹409.70	Buy Sell

By selecting the **Buy And Sell Stocks** option from the left-side navigation menu, the user can access the stock trading interface and manage transactions using virtual funds.

Stock List Interface:

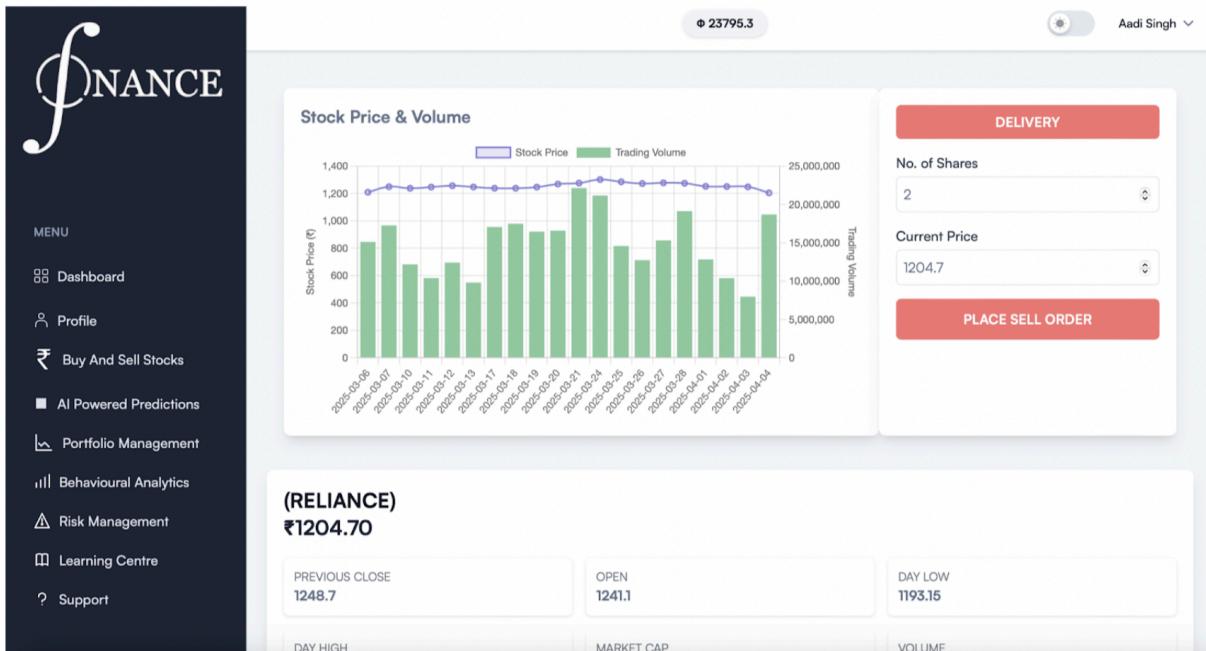
- The user is presented with a list of available stocks, along with the following details:
 - **Stock Name:** The name or ticker symbol of the stock.
 - **Price (₹):** The current market price of the stock.
 - **Actions:**
 - **Buy Button (Green):** Opens the stock buying interface.
 - **Sell Button (Red):** Opens the stock selling interface.



Buy Stock:

- Upon clicking the **Buy** button:
 - A stock-specific page opens showing a **Stock Price & Volume** graph.
 - The user sees a transaction form on the right side with the following fields:
 - **No. of Shares:** Enter the quantity of shares to purchase.

- **Current Price:** Pre-filled with the latest stock price.
- **Total Cost:** Auto-calculated based on quantity and price.
- **Delivery Mode:** Default mode for placing the order.
- Click on **PLACE BUY ORDER** to complete the purchase.



Sell Stock:

- Upon clicking the **Sell** button:
 - The same stock-specific page opens, now with a **SELL** transaction panel on the right.
 - The form includes:
 - **No. of Shares:** Enter how many shares to sell.

- **Current Price:** Pre-filled with the latest market price.
- **Total Value:** Auto-calculated based on quantity and price.
- **Delivery Mode:** Set to SELL by default.
- Click on **PLACE SELL ORDER** to proceed with the sale.
- A graphical chart shows recent trends in **Stock Price** and **Trading Volume**, helping the user make informed decisions before executing a trade.

7. AI-Powered Prediction

STOCK	GRAPH	LAST CLOSING PRICE (₹)	PREDICTED OPENING (₹)	PREDICTED CLOSING (₹)	VOLATILITY	MARKET SENTIMENT	ADVICE / CONFIDENCE
AAPL		₹320.14	₹108.23	₹143.36	4.37	Neutral	SELL (88.2%)
GOOGL		₹513.91	₹480.04	₹191.13	3.55	Neutral	BUY (85.8%)
MSFT		₹428.53	₹245.43	₹492.94	5.80	Bearish	BUY (91.1%)
AMZN		₹476.81	₹304.27	₹51.80	1.03	Bullish	BUY (87.5%)
TSLA		₹185.53	₹455.45	₹358.61	4.29	Neutral	SELL (79.9%)
RELIANCE		₹268.01	₹91.75	₹439.59	2.12	Neutral	BUY (79.8%)
TCS		₹427.33	₹322.79	₹392.06	3.57	Bullish	BUY (74.0%)

By selecting the **AI Powered Predictions** option from the left-hand menu, users can access automated stock predictions generated by AI models. This section provides data-driven insights to assist users in making informed trading decisions.

Prediction Table Interface:

- The prediction table displays the following columns for each listed stock:
 - **Stock:** Ticker symbol or company name.
 - **Graph:** A placeholder for visualizing stock trends (if enabled).
 - **Last Closing Price (₹):** The most recent market closing price.
 - **Predicted Opening (₹):** AI-estimated price at the start of the next trading day.
 - **Predicted Closing (₹):** AI-estimated price at the end of the next trading day.
 - **Volatility:** Estimated percentage fluctuation in the stock's price.
 - **Market Sentiment:** Interpreted as *Bullish*, *Bearish*, or *Neutral* based on forecast trends.
 - **Advice / Confidence:**
 - Displays either **BUY** or **SELL** suggestion.
 - Shows model confidence in percentage beside the advice.

Additional Features:

- A timestamp at the top indicates:
 - **Last Pricing Date:** Date when real-time pricing data was last updated.
 - **Predicted Date:** Date for which predictions have been generated.

User Instructions:

- Review the **Predicted Opening** and **Predicted Closing** prices to assess short-term growth or decline potential.
- Check **Volatility** to understand the associated risk of each stock.
- Refer to **Market Sentiment** to see if the AI classifies the stock trend as positive, negative, or stable.
- Follow the **Advice** column for suggested action (BUY or SELL), supported by a confidence level.
- Click **Refresh Predictions** (if available) to retrieve updated model insights.



The screenshot shows a user interface for a stock prediction application. At the top, there is a search bar with the placeholder "Search Stocks" and a button labeled "Refresh Predictions". Below the search bar, there is a dropdown menu with the text "Aadi Singh" and a dropdown arrow. In the center, there is a table with the following data:

Stock	Symbol	Current Price	Predicted Opening	Predicted Closing	Volatility	Sentiment	Advice
HCLTECH	₹HCLTECH	₹444.66	₹488.86	₹346.01	2.61	Bullish	SELL (83.3%)
TECHM	₹TECHM	₹60.06	₹200.41	₹419.32	5.56	Bearish	BUY (71.2%)
ADANIENT	₹ADANIENT	₹433.86	₹63.98	₹107.92	2.91	Bearish	SELL (66.5%)
ULTRACEMCO	₹ULTRACEMCO	₹209.46	₹516.36	₹192.63	3.06	Bearish	SELL (86.4%)
SUNPHARMA	₹SUNPHARMA	₹512.63	₹492.82	₹101.93	2.03	Neutral	SELL (70.4%)
TITAN	₹TITAN	₹443.20	₹148.51	₹251.20	3.87	Bullish	SELL (88.6%)
DRREDDY	₹DRREDDY	₹323.46	₹510.47	₹51.82	2.87	Neutral	SELL (98.4%)
AXISBANK	₹AXISBANK	₹527.23	₹521.14	₹312.35	4.29	Bearish	SELL (64.3%)

8. Portfolio Management

The screenshot shows the PHInance application interface. On the left, a dark sidebar menu lists various options: Dashboard, Profile, Buy And Sell Stocks, AI Powered Predictions, Portfolio Management (which is currently selected), Behavioural Analytics, Risk Management, Learning Centre, and Support. The main content area is titled "Portfolio Management". At the top, it displays the "Current value" as ₹27,530.74. To the right, there's a summary section with the heading "Holdings (7)" and some statistics: "Invested Value ₹26,300", "Total Returns +₹1,230.74 (4.68%)", and "1D Returns +₹230.5 (0.85%)". Below this is a table with the following data:

COMPANY	MARKET PRICE	RETURNS (%)	CURRENT
ZOMATO QTY 21 • AVG. ₹135.33	₹238.20	+₹498.96 (11.08%)	₹5002.20
SBI QTY 3 • AVG. ₹865.33	₹760.95	-₹292.35 (-11.35%)	₹2282.85
TATA STEEL QTY 8 • AVG. ₹167.50	₹131.82	-₹288.96 (-21.51%)	₹1054.56
APPLE QTY 5 • AVG. ₹156.00	₹172.88	+₹300.50 (15.23%)	₹864.40
GOOGLE QTY 4 • AVG. ₹115.00	₹130.42	+₹250.76 (18.04%)	₹521.68
RELIANCE QTY 6 • AVG. ₹2250.00	₹2400.55	+₹1200.34 (10.5%)	₹14403.30
HDFC BANK QTY 7 • AVG. ₹1521.45	₹1600.25	+₹900.75 (12.8%)	₹11201.75

By selecting the **Portfolio Management** option from the left-hand navigation menu, users can track the current performance of all stocks they hold within their virtual trading account.

Overview Display:

- At the top of the page, the following portfolio summary is displayed:
 - **Current Value:** Total market value of the user's entire portfolio.
 - **Invested Value:** Total amount originally invested by the user.
 - **Total Returns:** Overall gains or losses, shown in ₹ and percentage.
 - **1D Returns:** Gain or loss for the current day, updated in real-time.

Holdings Table:

- A breakdown of individual stock holdings is presented in a table with the following columns:
 - **Company:** Stock name along with quantity and average purchase price.
 - **Market Price:** The latest price of the stock.
 - **Returns (%):** Net gain or loss for that stock, shown in both ₹ and percentage.
 - **Current:** Real-time value of the user's holding in that stock.

Transaction History (Expandable):

- Clicking on a company row expands a **History** section showing detailed transaction logs:
 - **Date:** The date on which each batch of shares was purchased.
 - **Qty:** Number of shares bought in each transaction.
 - **Rate:** Purchase price per share.
 - **Amount:** Total amount spent on that transaction.

User Instructions:

- Use the table to view the real-time value and return percentage of each investment.
- Expand any company row to review your detailed transaction history and assess buying trends over time.
- Monitor **Total Returns** and **1D Returns** to evaluate overall portfolio health and short-term performance.

- Use the data to make decisions on whether to hold, buy more, or sell specific stocks based on performance.

COMPANY	MARKET PRICE	RETURNS (%)	CURRENT
ZOMATO QTY 21 • AVG. ₹213.33	₹238.20	+₹498.96 (11.08%)	₹5002.20
SBI QTY 3 • AVG. ₹863.33	₹760.95	₹-292.35 (-11.35%)	₹2282.85
HISTORY			
DATE	QTY	RATE	AMOUNT
2023-12-20	1	₹850	₹850
2024-01-10	2	₹870	₹1740
TATA STEEL QTY 8 • AVG. ₹167.50	₹131.82	₹-288.96 (-21.51%)	₹1054.56
APPLE QTY 5 • AVG. ₹156.00	₹172.88	+₹300.50 (15.23%)	₹864.40
GOOGLE QTY 4 • AVG. ₹115.00	₹130.42	+₹250.76 (18.04%)	₹521.68
RELIANCE QTY 4 • AVG. ₹1204.70	₹2400.55	+₹1200.34 (10.5%)	₹4403.30

9. Risk Management

TICKER	AVG PRICE	QUANTITY	1-DAY VAR (95%)	1-MONTH VAR (95%)
RELIANCE	₹1204.70	1	₹19.88	₹91.09
HDFCBANK	₹1817.30	2	₹59.97	₹274.82
BAJFINANCE	₹8718.85	1	₹143.86	₹659.25
TATAMOTORS	₹613.85	10	₹101.29	₹464.15

By selecting the **Risk Management** option from the navigation panel on the left, the user can view the **Portfolio Risk Analysis** section.

This section helps the user monitor and evaluate the risk associated with the stocks in their portfolio using the Value at Risk (VaR) metric.

The table displayed under Portfolio Risk Analysis includes the following columns:

- **Ticker:** Displays the stock symbol of the company held in the user's portfolio.
- **Avg Price:** Shows the average buying price per unit of the stock.
- **Quantity:** Indicates the number of units held by the user for the corresponding stock.
- **1-Day VAR (95%):** Displays the maximum expected loss for a one-day period with 95% confidence.
- **1-Month VAR (95%):** Shows the potential maximum loss for a one-month holding period at the same 95% confidence level.

Users can analyze these metrics to identify which stocks carry higher short-term and long-term risks.

This feature enables users to make informed decisions about diversifying or rebalancing their virtual stock portfolio to minimize potential losses.

All values are automatically calculated and updated based on current portfolio holdings and market data.

TICKER	AVG PRICE	QUANTITY	1-DAY VAR (95%)	1-MONTH VAR (95%)
RELIANCE	₹1204.70	1	₹19.88	₹91.09
HDFCBANK	₹1817.30	2	₹59.97	₹274.82
BAJFINANCE	₹8718.85	1	₹143.86	₹659.25
TATAMOTORS	₹613.85	10	₹101.29	₹464.15

10. Learning Centre

The user can access the **Learning Centre** from the navigation panel on the left to explore educational resources related to financial markets and trading. The platform rewards users with coins for watching videos and completing quizzes.

The screenshot displays the Learning Centre interface. At the top right, there is a user profile for 'Aadi Singh' with 25000 coins. Below the header, the 'Learning Centre' page is shown. It features three main sections: 'Stock Market Basics', 'Technical Analysis', and 'AI in Finance'. Each section contains a brief description and a list of learning modules. Under each section, there are two buttons: 'Videos' and 'Quizzes'. On the far left, a dark sidebar lists various navigation options, with 'Learning Centre' highlighted.

10.1 Accessing the Learning Centre

- Click on the **Learning Centre** option from the left-hand side navigation menu.
- The Learning Centre page will open, displaying three categories of learning content:
 - **Stock Market Basics**
 - **Technical Analysis**
 - **AI in Finance**

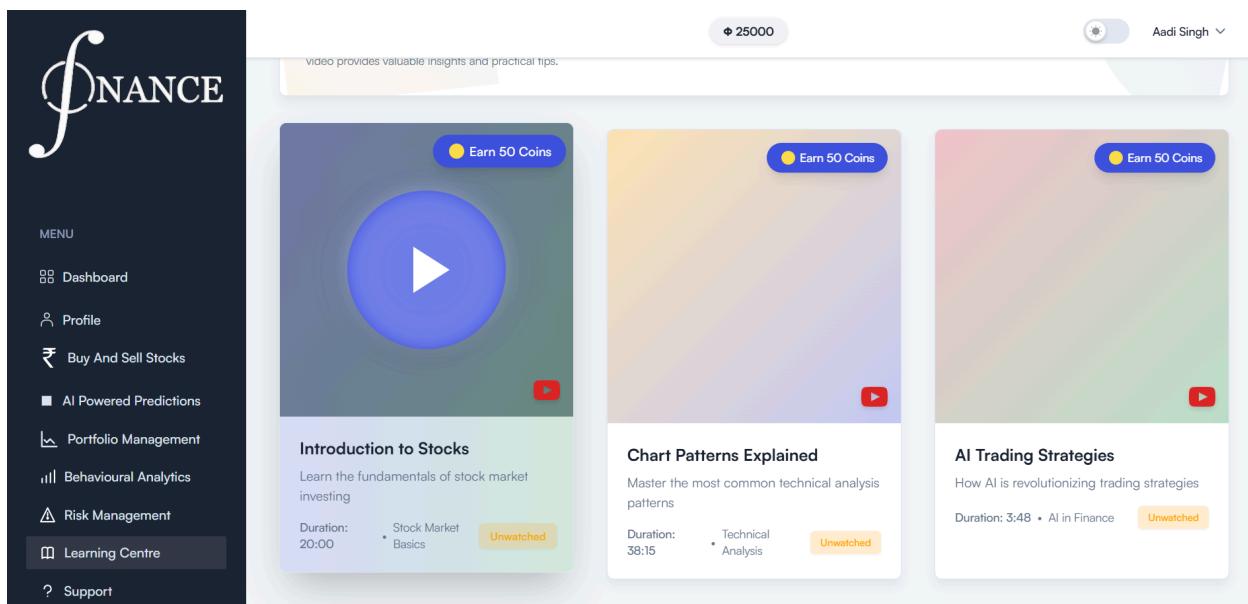
10.2 Exploring Course Content

- Each category contains a set of modules in the form of **videos** and **quizzes**.

- The user can switch between **All Courses**, **Videos**, and **Quizzes** using the tabs at the top of the page.

To begin learning:

- Under **All Courses**, select a course category by clicking on one of the boxes (e.g., *Stock Market Basics*).
- Each category will list learning modules with clickable titles (e.g., *Introduction to Stock Markets*).
- Click on the **Videos** button at the bottom of any course card to view all related video modules.
- Click on the **Quizzes** button to access knowledge tests related to that course.



10.3 Watching Videos and Earning Rewards

To watch educational videos:

- Navigate to the **Videos** tab.

2. Select any available video card (e.g., *Introduction to Stocks*).
3. Click on the play icon to start the video.
4. For each completed video, the user earns **50 coins**.
5. Watched status will automatically update from *Unwatched* to *Watched* after completion.

Each video displays:

- The topic title
- Duration
- Associated course category
- A coin reward badge (e.g., "Earn 50 Coins")

The screenshot shows the PHInance app's main dashboard. On the left is a dark sidebar with a menu containing: Dashboard, Profile, Buy And Sell Stocks, AI Powered Predictions, Portfolio Management, Behavioural Analytics, Risk Management, Learning Centre (which is highlighted in blue), and Support. The main content area has a header with a coin balance of ₲ 25000 and a user profile for Aadi Singh. Below this is a section titled "Knowledge Tests" with a sub-section "Basic Terms Quiz" (Beginner level). It details: 5 questions, 15 mins time limit, From Stock Market Basics, and a Reward of Up to 100 coins. There is a "Take Quiz" button. To the right are two more quiz cards: "Order Types Quiz" (Beginner level) and "Pattern Recognition Quiz" (Intermediate level). Both also show 5 questions, 12 mins and 20 mins time limits, Stock Market Basics and Technical Analysis categories, and rewards of Up to 100 and Up to 150 coins respectively. Each quiz card has a "Take Quiz" button. A "Test Your Knowledge" button is also visible in the top right of the knowledge tests section.

10.4 Attempting Quizzes and Earning Rewards

To test your knowledge:

1. Navigate to the **Quizzes** tab.
2. Choose a quiz based on the desired topic and difficulty level.
3. Click the **Take Quiz** button to start.
4. Each quiz shows:
 - Number of questions (e.g., 5)
 - Time limit (e.g., 15 minutes)
 - Category (e.g., *Stock Market Basics*)
 - Coin reward (e.g., *Up to 100 coins*)

For example:

- *Basic Terms Quiz* tests understanding of stock market terminology.
- *Order Types Quiz* checks knowledge of order mechanisms.
- *Pattern Recognition Quiz* evaluates chart pattern identification skills.

After submitting a quiz:

- Coins will be awarded based on performance.
- The score and results will be stored to track learning progress.

The screenshot shows the PHInance platform's user interface. On the left is a dark sidebar with the 'FINANCE' logo at the top and a 'MENU' section containing links to 'Dashboard', 'Profile', 'Buy And Sell Stocks', 'AI Powered Predictions', 'Portfolio Management', 'Behavioural Analytics', 'Risk Management', 'Learning Centre', and 'Support'. The main content area is titled 'Basic Terms Quiz' and displays a 'Good Effort!' message with a 60% completion rate. It also shows that 60 coins were earned for completing the quiz. A 'Quiz Summary' table provides detailed statistics: Total Questions (5), Correct Answers (3), Score Percentage (60%), and Coins Earned (60). At the bottom is a blue 'Return to Learning Centre' button.

11. Support

The screenshot shows the 'Support' section of the PHInance platform. On the left is the same dark sidebar as the previous screenshot. The main content area is divided into two sections: 'Contact Us' and 'Frequently Asked Questions (FAQs)'. The 'Contact Us' section includes links for 'Have a question?', 'Email: support@ourplatform.com', and 'Phone: (123) 456-7890'. The 'FAQs' section contains five numbered questions with their answers:

- What is this platform?**
This platform offers a simulated trading environment where you can trade stocks using virtual money. You'll get access to real-time market data, technical analysis tools, AI-powered predictions, and educational resources to help you improve your trading skills.
- How do I start trading?**
Simply sign up for an account, and you'll receive ₹10,000 in virtual funds. From there, you can begin trading stocks in our simulated environment just as you would in a real trading platform.
- Can I trade real stocks on this platform?**
No, this platform is focused on providing a simulated trading experience. While the stock data is based on real-life information, all trades are made using virtual money.
- How is the stock data sourced?**
Our platform pulls real-time or near-real-time stock data from reliable financial data providers. You'll have access to comprehensive information like stock prices, market trends, and company financials.
- What are technical analysis tools?**
We provide a range of technical analysis features, including indicators like the Relative Strength Index (RSI), Moving Average Convergence Divergence (MACD), and On-Balance Volume (OBV) to help you analyze market trends and make informed trading decisions.

By selecting the **Support** option from the navigation panel on the left, the user can view the **Frequently Asked Questions (FAQs)** and **Contact Us** section.

The FAQs section provides users with helpful information about using the platform, including:

- What the platform is and how it works.
- How to start trading with virtual funds.

- Clarification on whether real stocks can be traded.
- Where the stock data comes from.
- What technical analysis tools are available.
- How the AI-powered prediction features work.

These FAQs are designed to help new users understand how to get started and how to use different features effectively, especially within the simulated trading environment.

The **Contact Us** section includes:

- A support email ID (support@phinance.com) and a phone number for direct communication.
- Users can reach out if they have questions not answered in the FAQs, or if they face any issues with their account or trading simulation.
- This ensures smooth communication with the support team for resolving problems or submitting feedback.