Investment Prediction System

Wireframe Documentation

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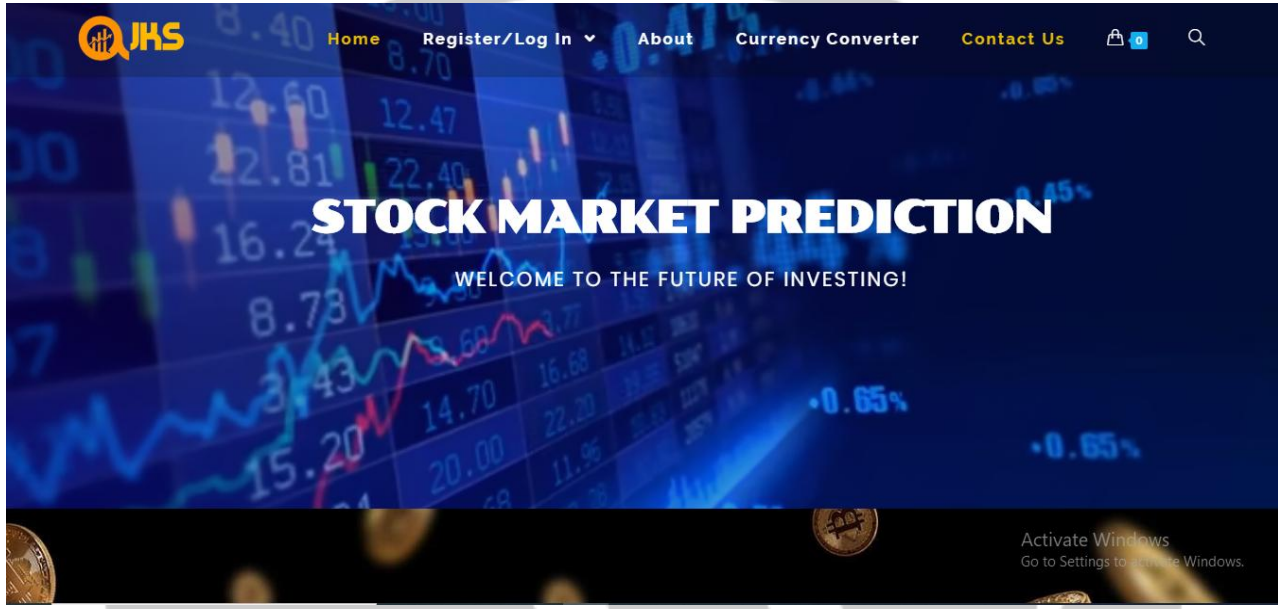| Date Issued	Version	Description	Author
06/06/2025	1	Initial Wireframe Document	Suraj Kakulte

Home Page

Purpose:
The Home Page acts as the entry point to the Stock Market Prediction Web App, offering users a quick overview of the platform and seamless access to key features like predictions, news, user authentication, and stock market insights.
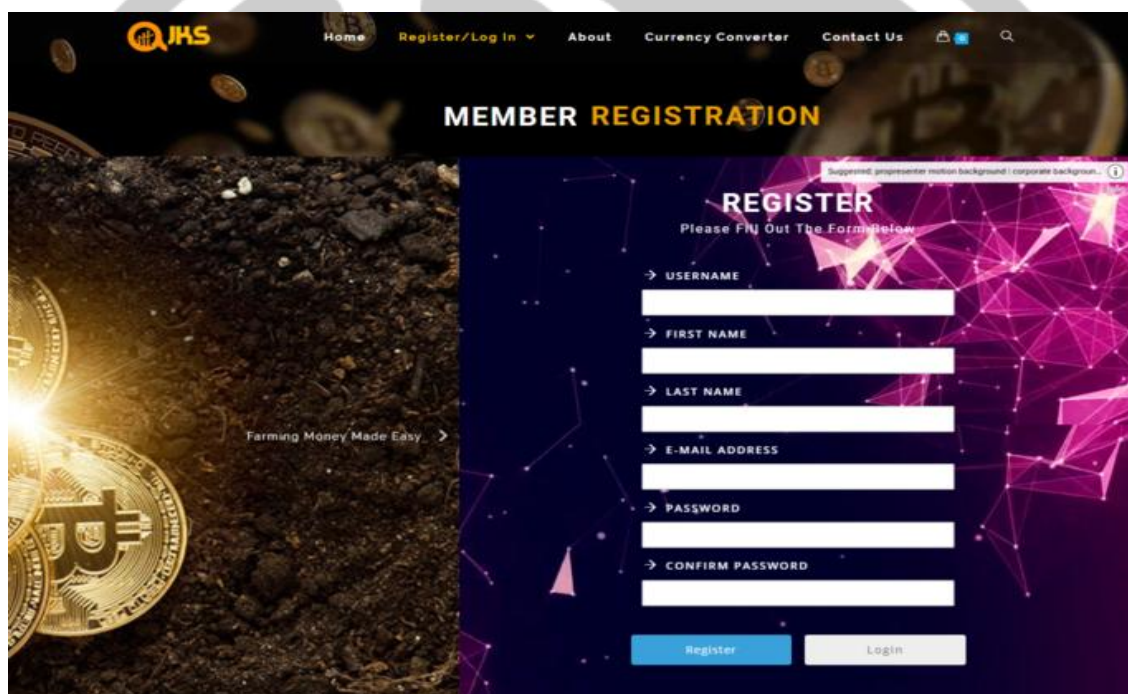
Screenshot:

User Registration Page

Description:

Allows new users to create an account by providing necessary credentials.

Features:

- Input fields for username, email, and password.
- 'Register' button to submit the form.
- Link to navigate to the login page.
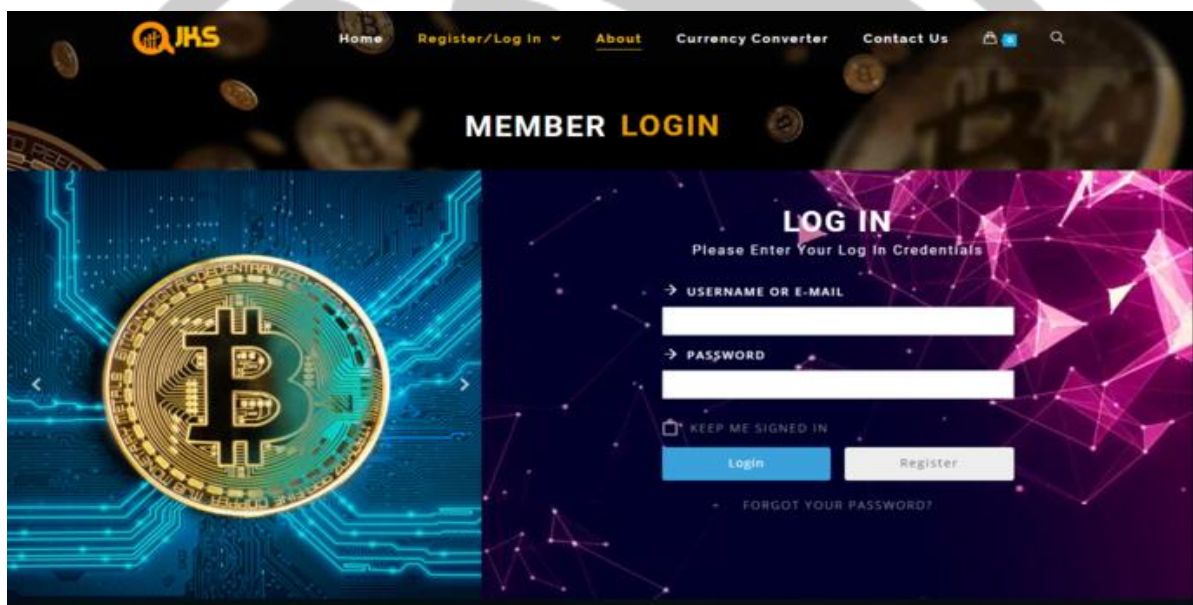
Screenshot:

User Login Page

Description:
Enables existing users to log into their accounts.

Features:
- Input fields for username/email and password.
- 'Login' button to submit credentials.
- Link to navigate to the registration page.
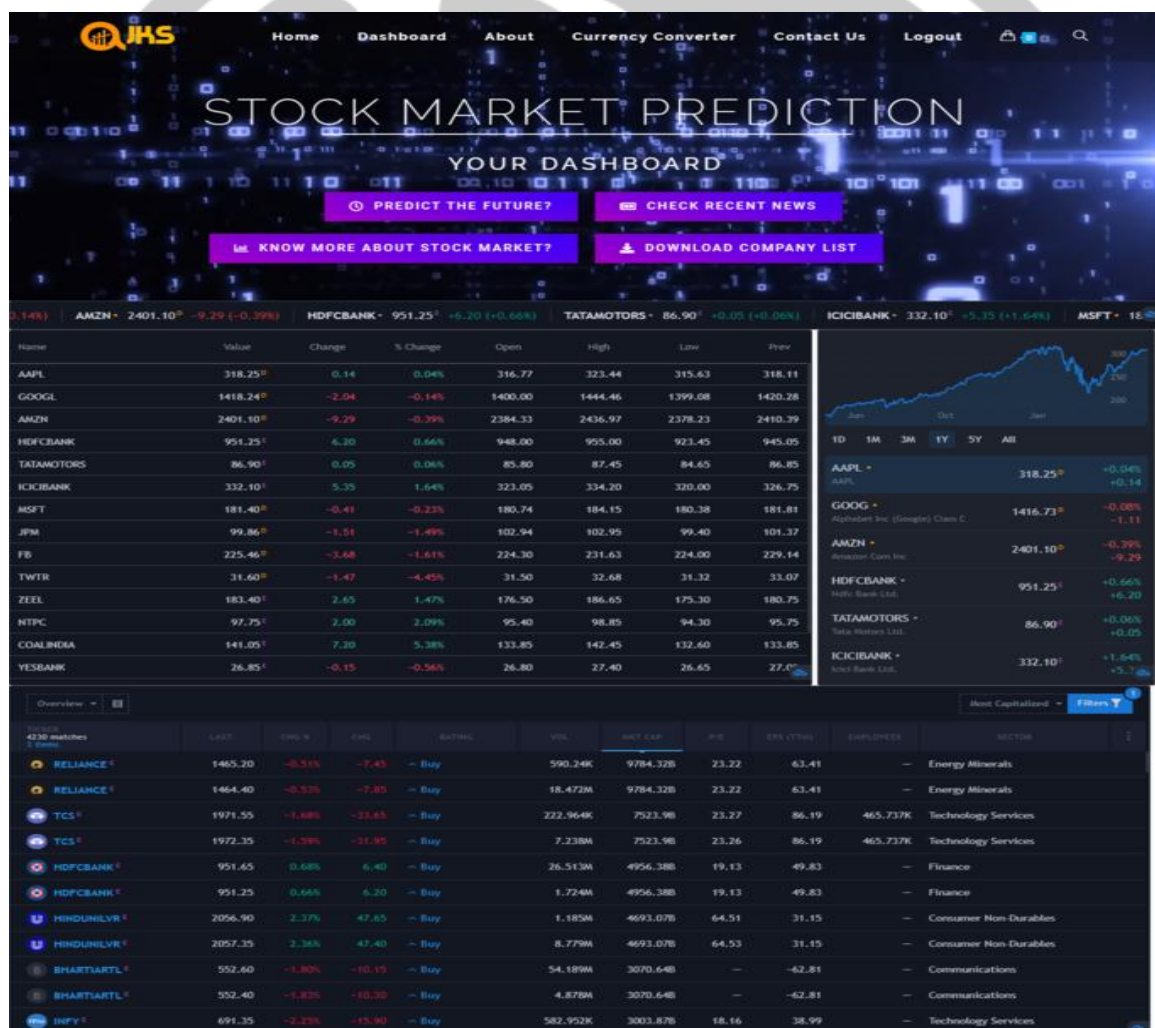
Screenshot:

Dashboard

Description:
The main interface where users can access various functionalities of the application.

Features:
- Navigation menu with links to different sections (e.g., Predict Stock, News, Currency Converter).
- Overview of stock market trends.
- Quick access to recent predictions and sentiment analysis.
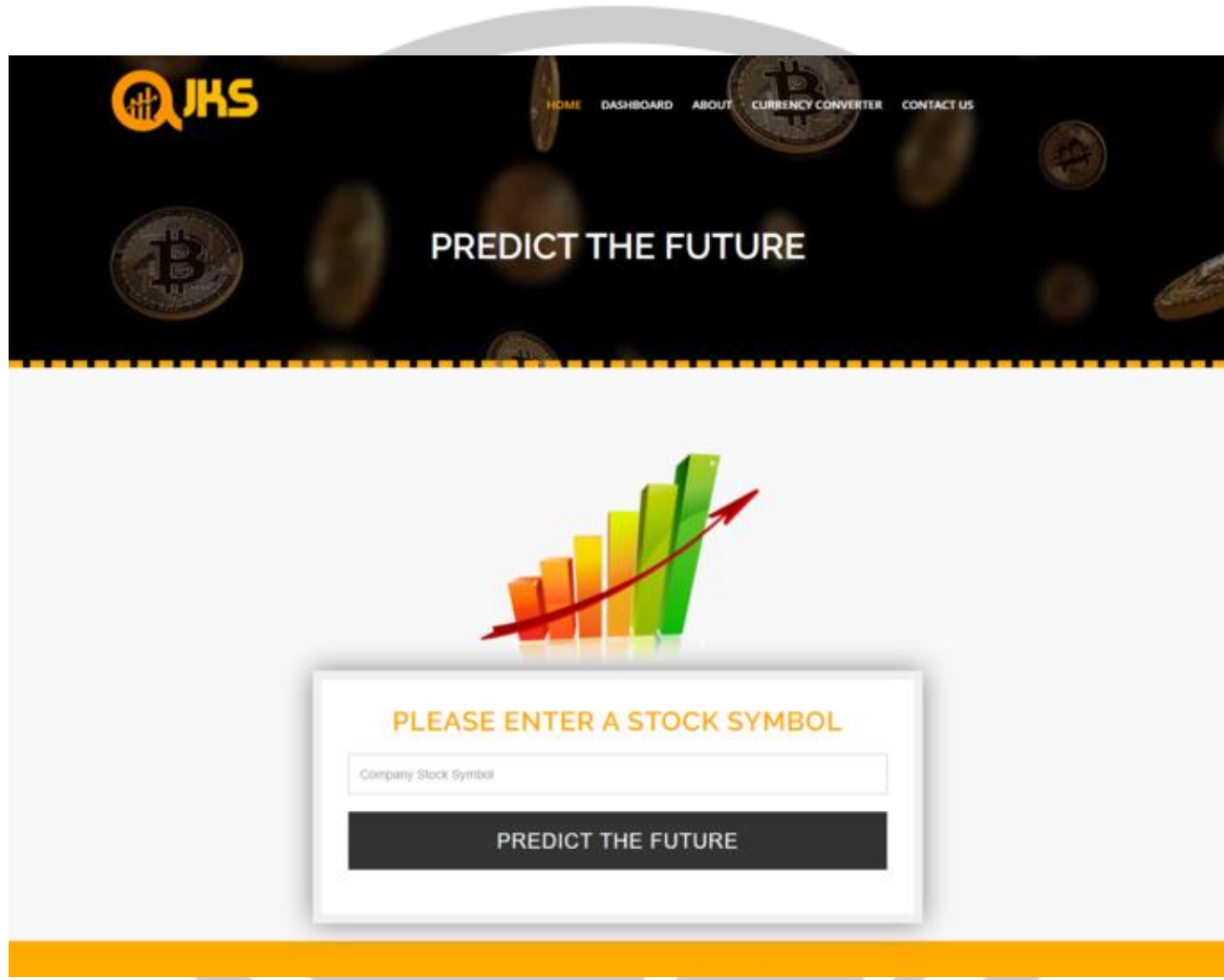
Screenshot:

Ticker Prediction Page

Description:

The Ticker Prediction Page is the central feature of the application. It allows users to enter a stock ticker symbol and view a 7-day forecast of its future prices based on machine learning predictions and sentiment analysis. It combines historical market data with Twitter sentiment to give a holistic prediction.
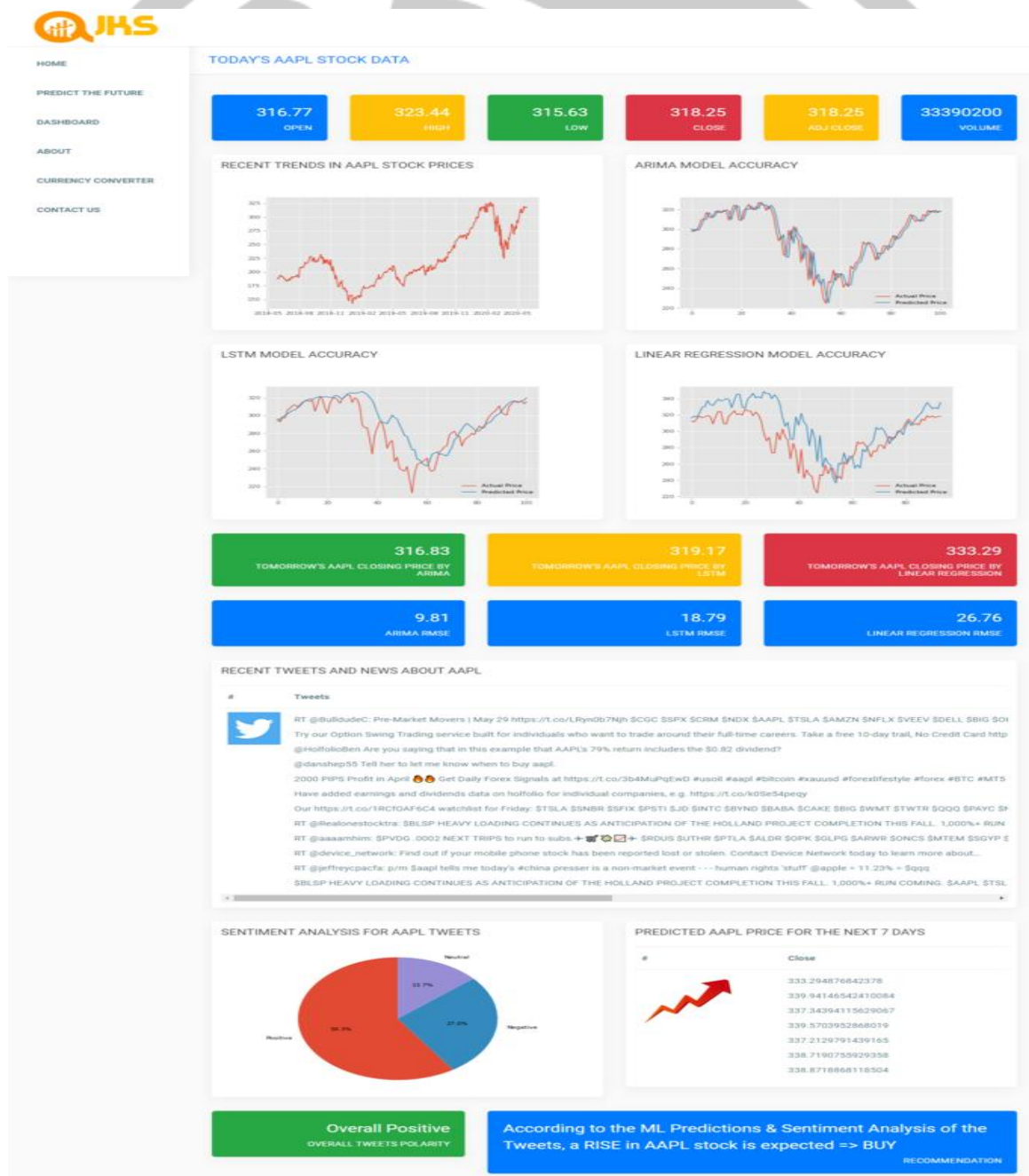
Screenshot:

Stock Prediction Page

Description:

Allows users to input a stock ticker and receive a 7-day price forecast along with sentiment analysis.

Features:

- Input field for stock ticker symbol.
- 'Predict' button to initiate the prediction process.
- Display of predicted stock prices in a line chart.
- Sentiment analysis results displayed alongside predictions.

Screenshot:

About Page

Description:

The About Page introduces users to the mission, core technology, and team behind the Stock Market Prediction Web App. It aims to build trust by transparently communicating how the system works, what data it uses, and what value it provides to users.

Screenshot: