SHARE MARKET STATS - A FLUTTER PROJECT
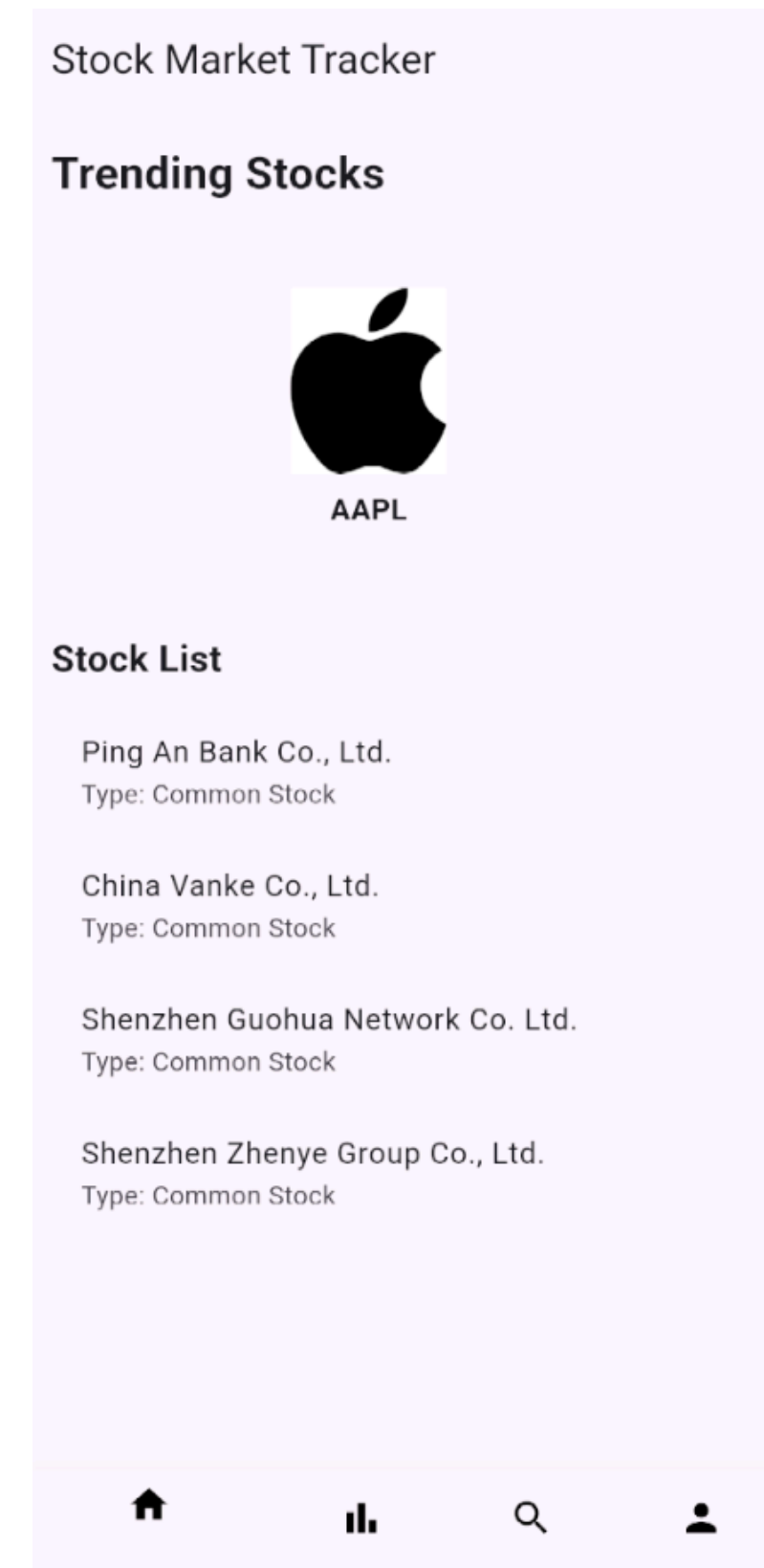
APP TOUR

BY
NANDHINI N

Home Page

1. Trending Stocks Section: Highlights popular stocks like Apple Inc. (AAPL) with its logo prominently displayed.

2 .Stock List: Displays a list of companies (e.g., Ping An Bank, China Vanke) with their stock type labeled as "Common Stock."

3 .Navigation Icons: Includes icons for Home, Statistics Chart, Search, and Profile for easy navigation within the app.

Stock Market Tracker

Trending Stocks

AAPL

Stock List

Ping An Bank Co., Ltd.
Type: Common Stock

China Vanke Co., Ltd.
Type: Common Stock

Shenzhen Guohua Network Co. Ltd.
Type: Common Stock

Shenzhen Zhenye Group Co., Ltd.
Type: Common Stock

- **Stock Market Chart**

  - This page allows users to select a stock symbol and functionality (e.g., daily prices) and then visualize the stock market trends using an interactive chart. It features a dropdown for stock selection, a functionality selector, a "View Stats" button, and a time-series graph displaying stock prices.
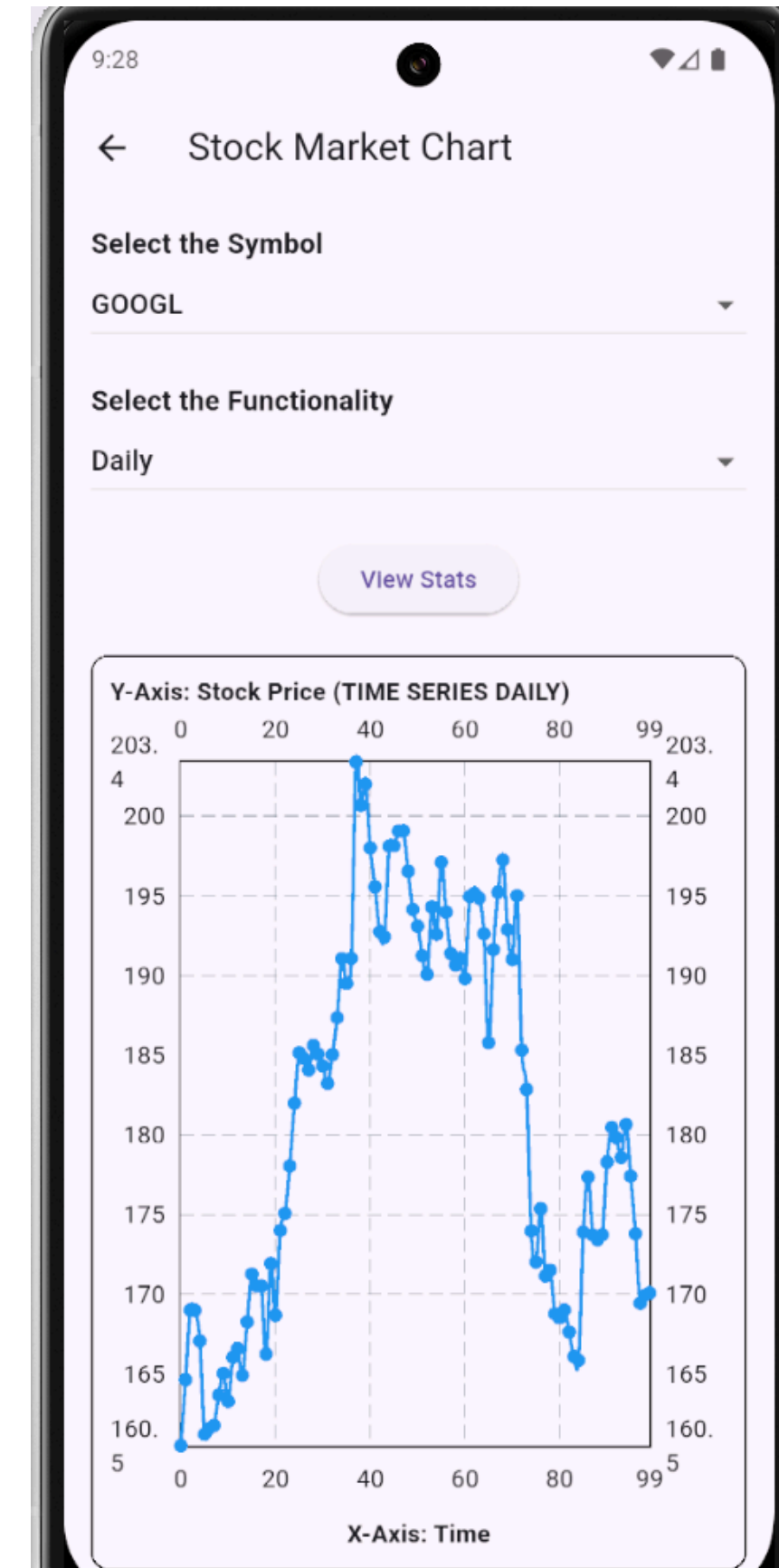
- This Flutter file (StockHomePage) is the main dashboard displaying trending stocks in a carousel and a stock list fetched from the TwelveData API. It includes bottom navigation for switching between Home, Stock Chart, Search, and Profile pages.
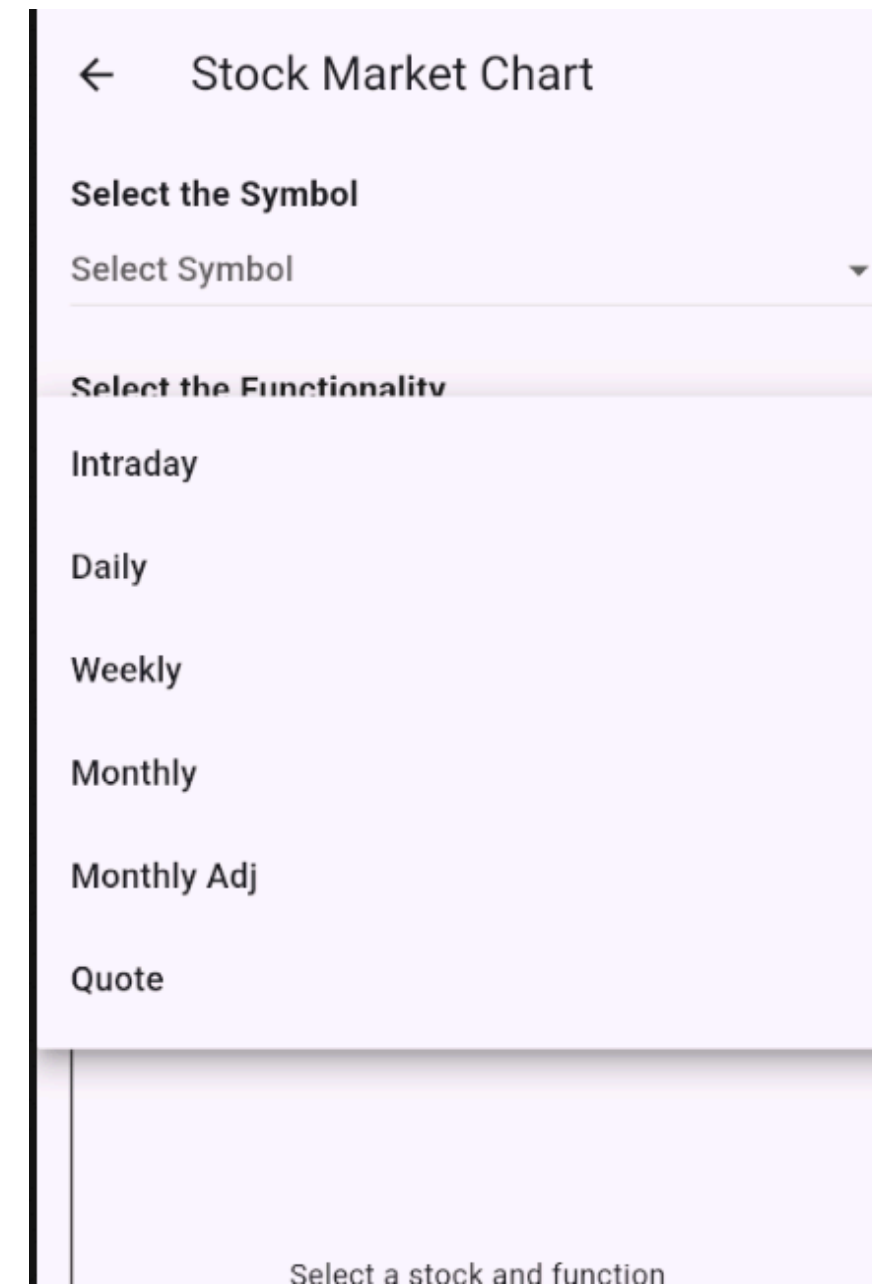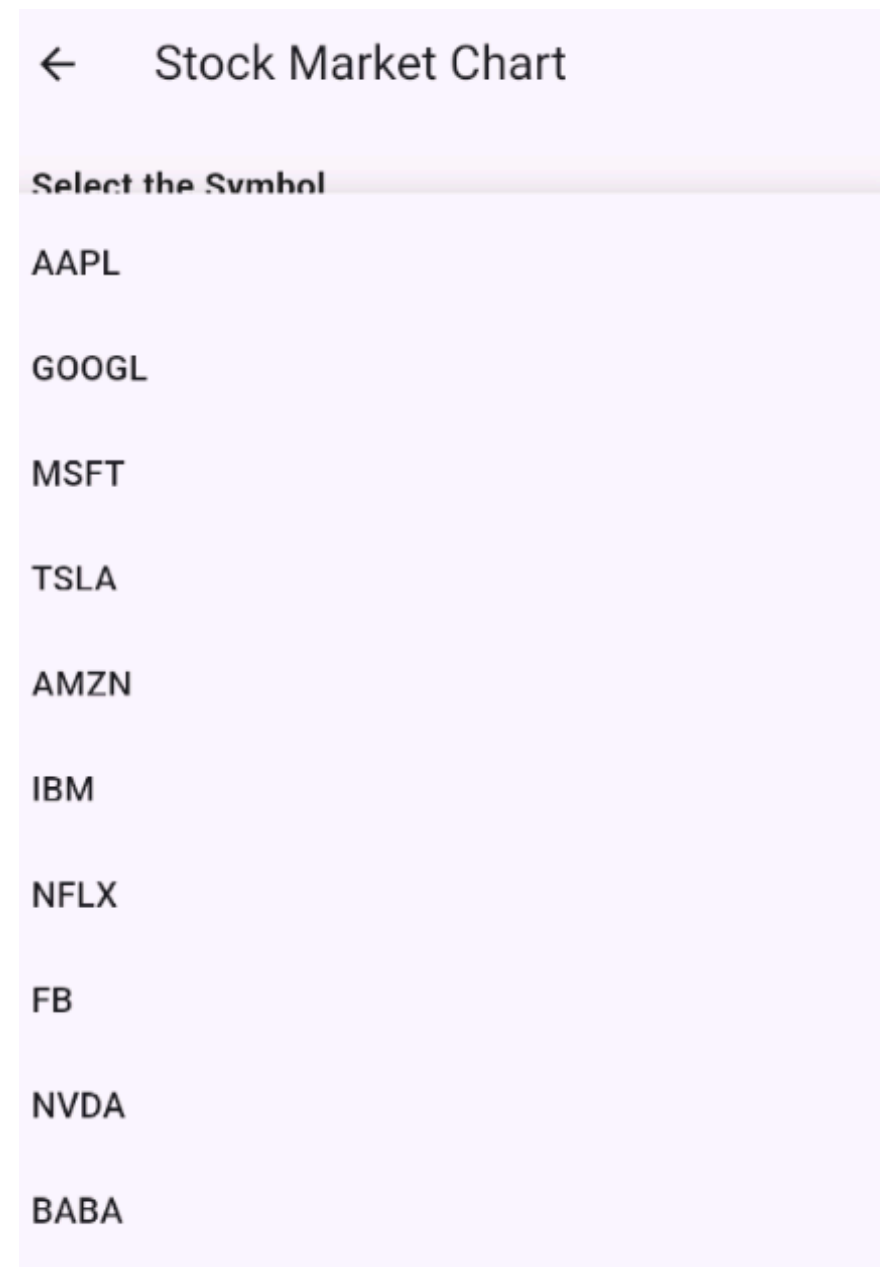
Profile Page

- The Profile Page displays the company's logo along with key details such as name, exchange, industry, and country in a structured format. Users can select a stock from a dropdown menu to dynamically view its profile. This allows for easy exploration of different stock profiles within the app.

Stock Search

- The Stock Search page enables users to search for stocks by entering a stock symbol or name. It fetches real-time stock details and displays essential information like company name, stock price, and market status. Users can quickly access relevant stock data to make informed decisions. The interface is designed for easy navigation, ensuring a smooth search experience.

Time Series Graph

- The Time Series page allows users to select a stock symbol and view its historical data over different time intervals (Intraday, Daily, Weekly, Monthly). It displays interactive charts and graphs based on the chosen time series function, offering a visual representation of stock performance. The page provides options to customize the time range and refresh data in real time. It also includes buttons to switch between different time series functions for detailed analysis.

Thank You