CS-551 Project Report

Stock Market Dashboard

Group Members:
Smit Gor
Akhilesh Wagh

Introduction:
Stock Market can be a hassle for every broker and user. Whether you are in any part of the world or your stock exchanges, it is hard to keep track of everything sometimes. We have all forgotten to make the portfolio of our own before. It is also annoying to figure out which company is trending in the market. Run this Django application locally on port 3001 via npm.

Our application helps the users in a to manage the stock and portfolio. Any user can join by simply email id and password. The user can add the clothes into the application and keep track of their status. The portfolio feature helps the user to organize stock, keep track of it and the current prices. A portfolio may contain details of the company everyday open, close, highest and lowest price.

Home:
It shows the introduction and initial setup to run the application. The application consists of the technology like Django, React, Firebase Authentication, MongoDB.

Dashboard:
It provides the list of stocks from the yahoo finance API (yfinance). It has the list of cards which have name and symbol. If any user wants to add any stock to their portfolio, then they can simply click the button. It will add to the MongoDB database with specific userID and stock name.

Portfolio:
This provides the specific user's stock details like stock name, symbol, current price, lowest, highest, open and close price of the day. It also provides the description of the company with their specific logo. It has a button to remove the stock from the portfolio if any user was not interested about it.

Signin/Signup:
It uses the Firebase Authentication technology for user authentication. It asks for email id and password. Any user can login and use this such a massive application.