



A Simple Trading Platform

000

+

# OTS

Online Trading System

## Batch - 11

Nikhil Dhaka - 19Z334

Niranjan S - 19Z335

Priyadharshini J - 19Z339

R M Venkatram - 19Z340

Srikanth K R - 19Z349

Swetha M - 19Z355

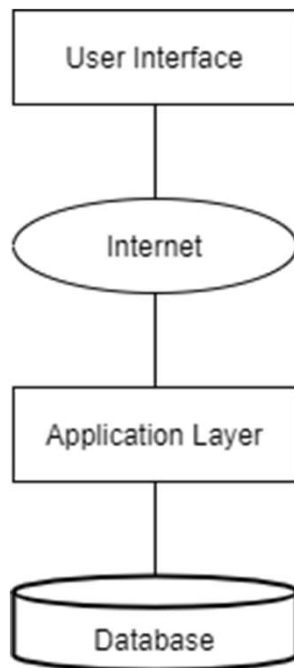
# Description



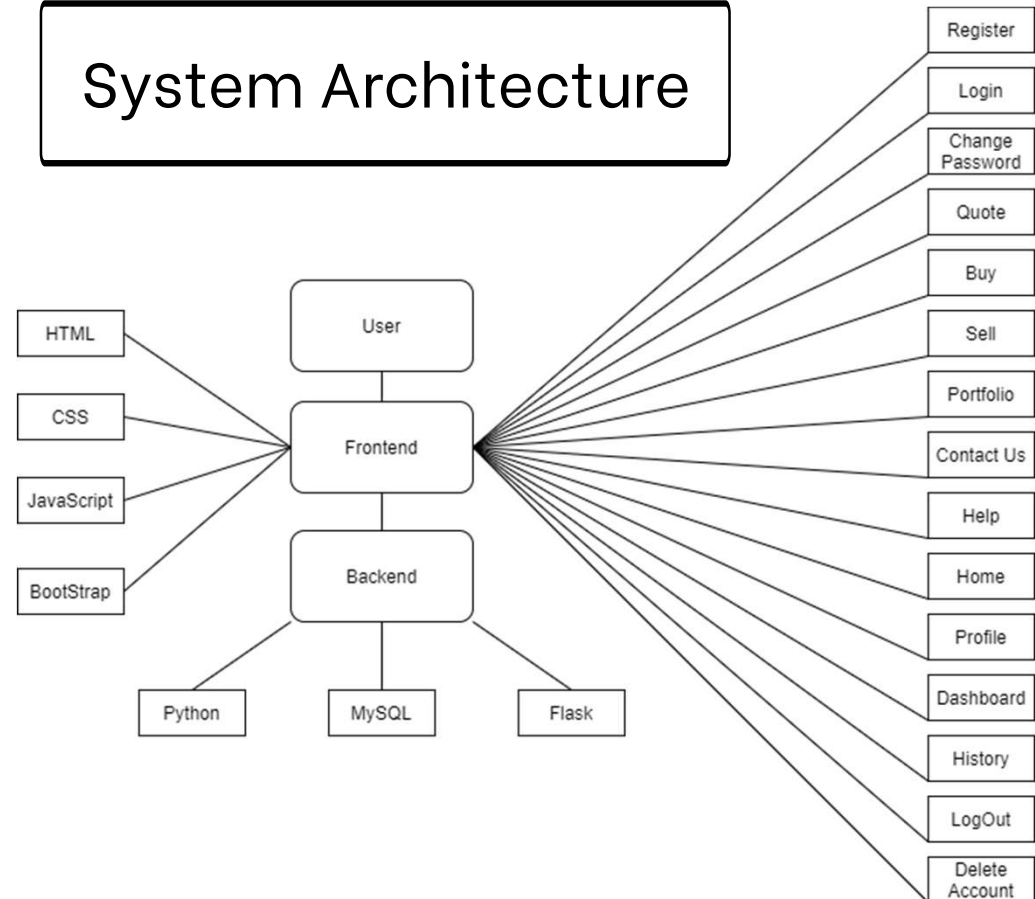
The Online Trading System is a modest project developed by a group of amateur programmers which was made possible using Python. It stays on par with almost all the major stock trading websites by having the basic functionalities of buy, sell, quote stocks and much more, with the added benefit of visualizing the trend of the stock that one buys, graphically, on a sweet UI that's easy on eyes.



## Block Diagram



## System Architecture



## Features Available

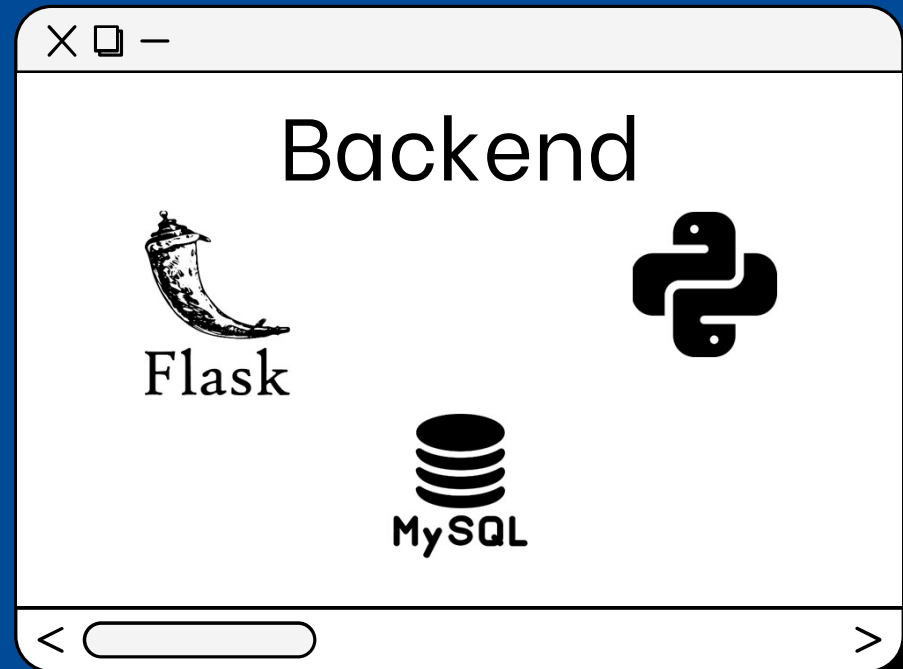
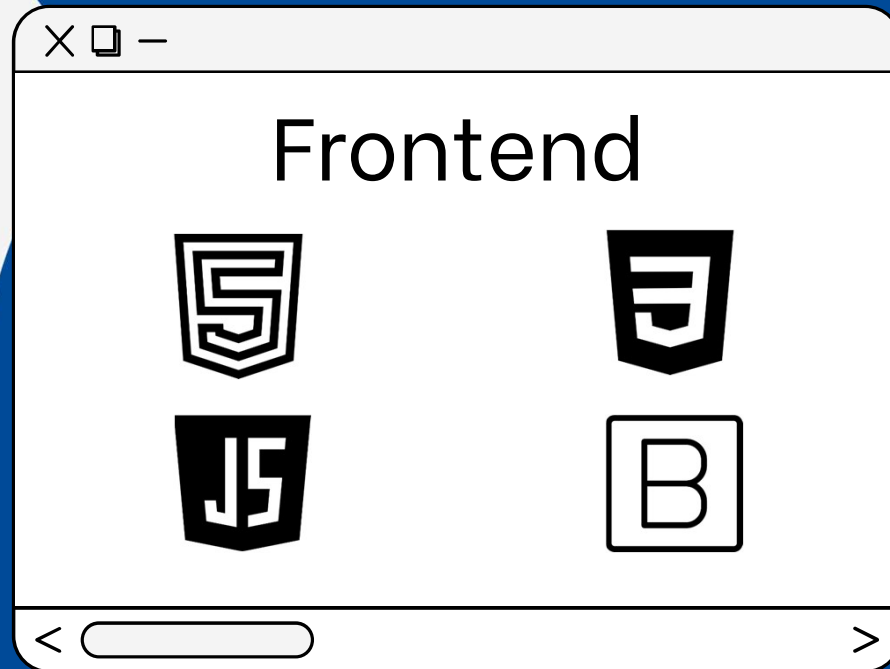
Search



- Basic Features of any Trading Website (Register, Login, Buy, Quote, Sell, User guide, Contact us)
- View current watchlist
- History of transaction
- Logout, delete account
- Terms and condition agreement
- Portfolio
- Visualized Data
- e-Mail Confirmation for the various features available here
- Account Management

Save

Cancel



**Tools Used**

000

## Work Split



Team Member	Contribution	Challenges Faced
Nikhil Dhaka	Contact us, history,dashboard,graph	Keeping track of old data
Niranjan S	Logout, Help, graph, terms&condition	Creating graph
Priyadharshini J	Buy stocks, sell stocks, email, importing API,delete account, graph	Connection to SMTP, importing real world data
R M Venkatram	Front End, database creation, OTS front page	Conflicting ideas on page designs
Srikanth K R	Register, Login page, DB connection, Help, Portfolio	Adding portfolio
Swetha M	Profile, Change password, Graph	Importing accurate data



## References:

- <https://www.nseindia.com/>
- <https://zerodha.com/>
- [https://en.wikipedia.org/wiki/Stock\\_market](https://en.wikipedia.org/wiki/Stock_market)
- <https://www.xenonstack.com/blog/python-flask-framework>
- <https://apimetrics.io/api-knowledge-base/apis-for-dummies/>