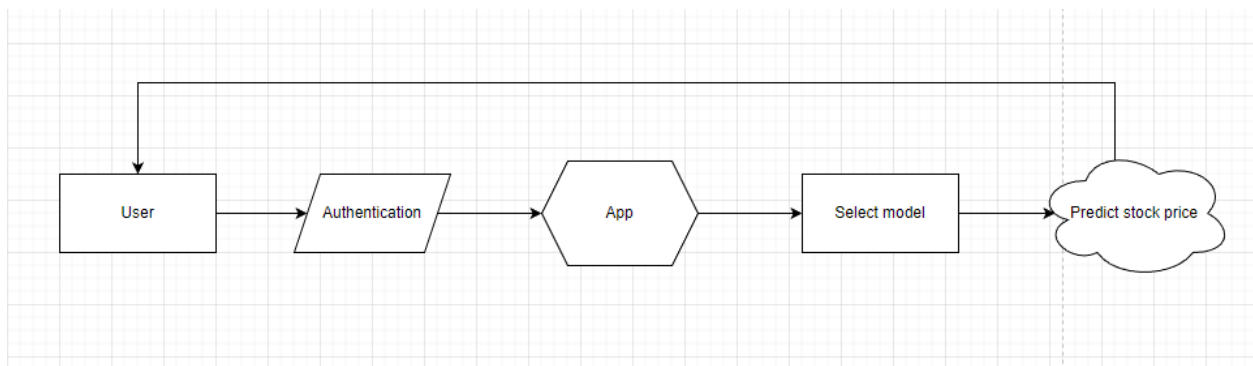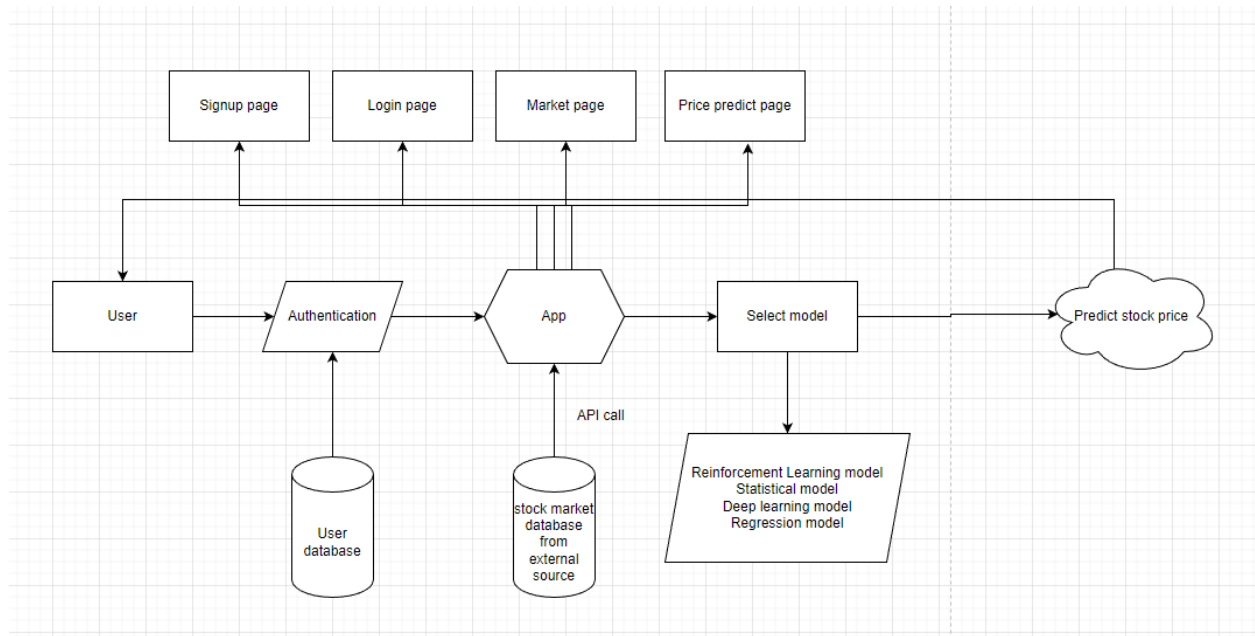D0: user will access the app, then run it to predict the stock price

D1: user needs to authenticate, and login to their account. Then go to the app, select a AI model to predict stock price. Then the price will return the value to user

Signup page **Login page** **Market page** **Price predict page**

User → Authentication → App → Select model → Predict stock price

API call

User database

stock market database from external source

Reinforcement Learning model
Statistical model
Deep learning model
Regression model

D2: App includes four main pages, login page where the user login and the authenticator will check if there is an account, if not, direct to signup page. After signing up, back to login then login. Go to Market page, pick a stock, then pick a model to predict. Then predict stock will return to user.