

Stock Market Predictor
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Problem Specification

(Less Technical):

With the stock market as volatile as it is, wouldn't it be nice to have an application that could predict (within a modicum of success) said market?

(Technical Variant):

Machine learning stock market predictor based on various algorithms. The application will display the predicted closing prices of the next year on various stocks. This application instead of being one you need to download and run off your own machine will be hosted on an AWS server allowing ease of access and allowing a broader range of people to be able to use this application.

Solution Process and Design

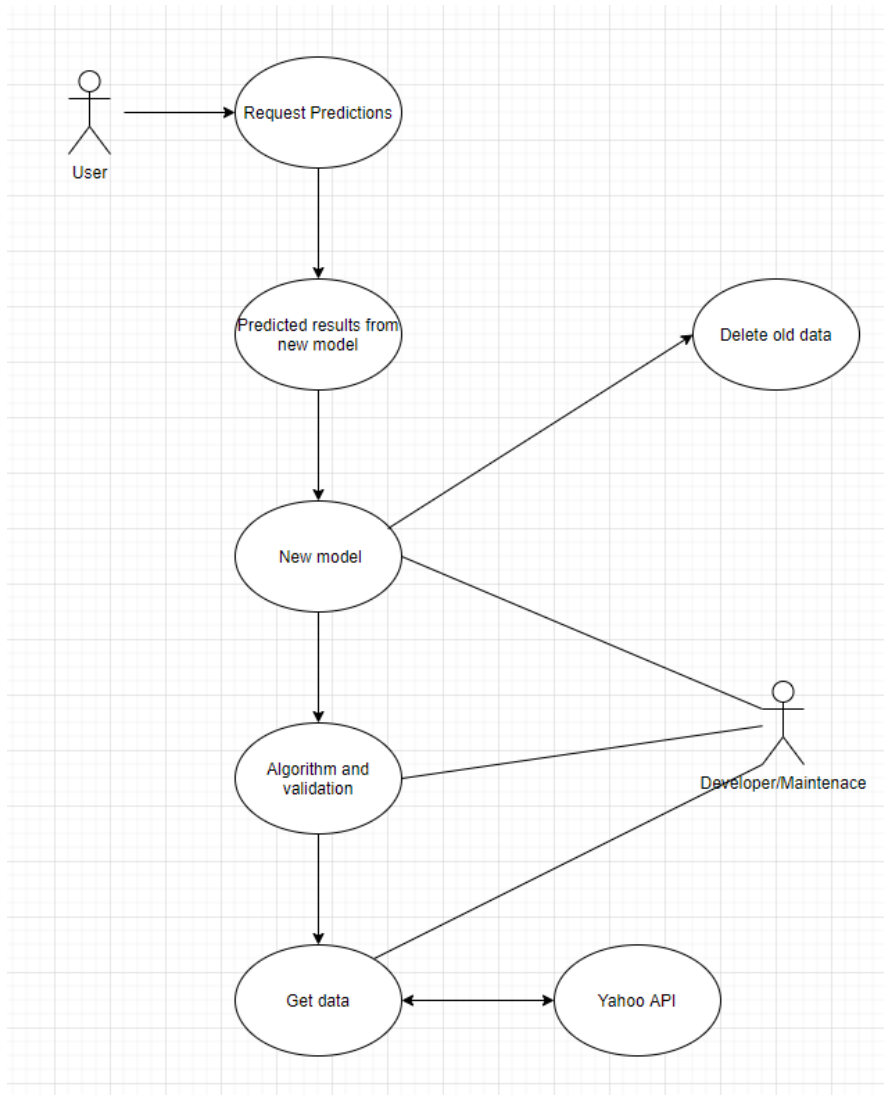
Requirement Collection and Analysis

Requirement List:

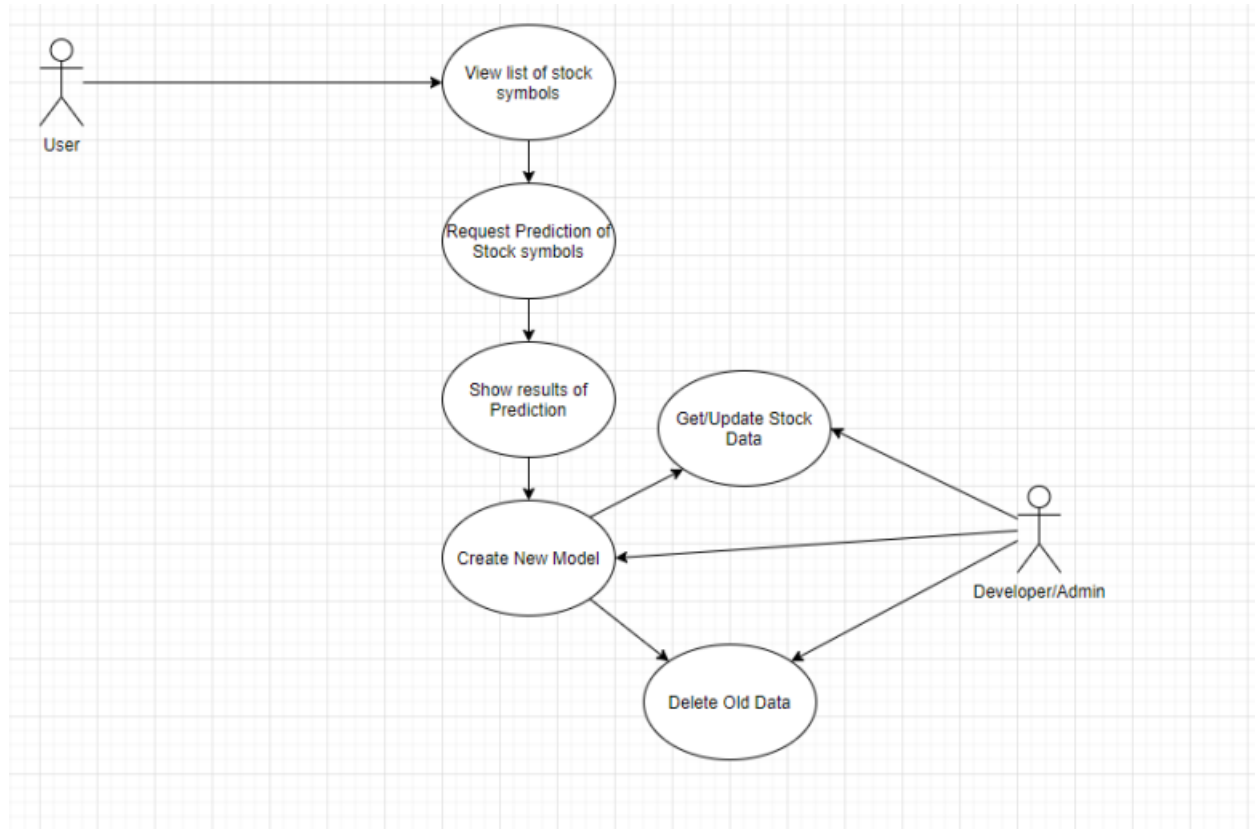
- If purchased what functions will the software provide?
 - ☐ An online stock market predictor
- How useful is the software for the User?
 - ☐ It's useful to make predictions on the stock market for users who do not have any other knowledge of the stock and do not have time to learn about it
- What benefit does the software possess?
 - ☐ Allows Users to make more informed decisions when deciding on which Stocks to invest in

General Design Concepts

Architectural Design



Abstract Solution Design



Prototype of the final product (initial version)

