For our final project we will be doing a stock portfolio analyzer. This will consist of a login page, a home page with general stock information like price and change in price along with the Ticker for both top stocks and stocks with the largest change. We will also have a page to create and store your portfolio/portfolios, taking a user input of the quantity of a stock owned to be added to the portfolio being created. This will then link to a page where you can look at the portfolio in depth using stock and portfolio analysis. This page will have a risk assessment using the Value at Risk model to display the DEAR of the portfolio along with other stats like asset allocation recommendations and diversification with explanations of the stats. We will use either an API for data or create mock data for the app. This data would include historical stock price, and stock beta.

<https://rapidapi.com/apidojo/api/yahoo-finance1>