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August 18, 2017

## CS 496 – Final Project

Project URL: <https://brycefinal.appspot.com/>

Youtube: Postman run: [https://youtu.be/zv\\_-ib0tq6M](https://youtu.be/zv_-ib0tq6M)

View all Portfolios: <https://brycefinal.appspot.com/portfolioView>

View all Stocks: <https://brycefinal.appspot.com/stockView>

Copy and Paste key and add to

Note: Some stocks and portfolios listed in all will be ones that are deleted and will give 500 error if you try to access them after they have been deleted.

2 entities Stocks and Portfolios

Stocks has 5 properties symbol, shares, date, stock Price, portfolio Number

Portfolios has 4 properties name, number, count, value

For stocks

[https://brycefinal.appspot.com/stock/\[key\]](https://brycefinal.appspot.com/stock/[key])

Ex.

[https://brycefinal.appspot.com/stock/agxzfmJyeWNlZmluYWxyEgsSBVN0b2NrGICAgICv9YQKD\\_A](https://brycefinal.appspot.com/stock/agxzfmJyeWNlZmluYWxyEgsSBVN0b2NrGICAgICv9YQKD_A)

For Portfolios

[https://brycefinal.appspot.com/portfolio/\[key\]](https://brycefinal.appspot.com/portfolio/[key])

Ex.

[https://brycefinal.appspot.com/portfolio/agxzfmJyeWNlZmluYWxyEgsSCVBvcnRmb2xpbxiAgIC\\_Aq\\_OHCQw](https://brycefinal.appspot.com/portfolio/agxzfmJyeWNlZmluYWxyEgsSCVBvcnRmb2xpbxiAgIC_Aq_OHCQw)

To Create a new stock (Must specify which portfolio you are adding to)

POST <https://brycefinal.appspot.com/stock>

Body

```
{  
  "symbol": "NASDAQ:AAPL",  
  "shares": 3,  
  "portfolioNumber": 2  
}
```

Header

Content-Type application/json

To Create a new portfolio (Must specify name and number)

POST <https://brycefinal.appspot.com/portfolio>

```
{
```

```
    "name":"BestStocks",
    "number":2
}
Header
Content-Type
application/json
```

Google Finance is used for Google Stock Price API.

GET <http://finance.google.com/finance/info?client=ig&q=NASDAQ:AAPL>

```
var jsonData = JSON.parse(responseBody.replace(/\",/));
var jsonFin = jsonData[0]
tests["Test 6: Google API Stock"] = jsonFin["l"] === "157.50";
```

Log In OAuth 2.0 from previous assignment