**Project One:** [**tkrSearch**](https://github.com/bhagatabhijeet/tkrsearch)

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| --- | --- |
| **#** | **Team Members** (a-z first name) |
| 1 | Abhijeet Bhagat |
| 2 | Jeff Hogg |
| 3 | Muhammad Kamran |
| 4 | Varune Harnarine |

## **Your Project Links:**

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| --- |
| Code Repo URL: |
| <https://github.com/bhagatabhijeet/tkrsearch> |

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| Deployed URL: |
| <https://bhagatabhijeet.github.io/tkrsearch/index.html> |

## 

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| Link to Github Projects Board and Wiki : |
| * Project :<https://github.com/bhagatabhijeet/tkrsearch/projects/1> * Wiki :<https://github.com/bhagatabhijeet/tkrsearch/wiki> |

## **Project Week Timeline:**

|  |  |
| --- | --- |
| Date | Subject |
| Mon 08/17 | Project Intro |
| Wed 08/19 | Group Completes Project Plan & Start Basic Tasks |
| Thurs 08/20 | Project Work **(No Class)** |
| Fri 08/21 | Project Work (**No Class**) |
| Sat 08/22 | Project Work in Class - Goal of Version 1 |
| Sun 08/23 | Project Work (**No Class**) |
| Mon 08/24 | Final Edits & Project Work in Class/Finalize Slides Presentation |
| Tues 08/25 | Project Work **(No Class)** |
| Wed 08/26 | Project Presentations - **BCS Submission DUE** |

## **How will you be using Git?**

1. Repo branch and pull model. All contributors on the same repo **(no forks**).
2. Master branch to be **kept sacred.**
3. Merges in master branch will happen only after at least 1 person reviews.
4. Anyone can be assigned as a **reviewer**.

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| --- |
| **Git Commit #** |
| 1. Terse and to the point conveying what was done probably in present tense. 2. Mention the task id /issue id if available in the comment e.g git commit -m “bug-1 fix container width” 3. Refer: <https://medium.com/@nawarpianist/git-commit-best-practices-dab8d722de99> |

## **Stuck time ( How long until you consult a teammate?):**

* **1 hour**

## **Team Working Agreements:**

|  |
| --- |
|  |
| **During Sprint Do The Following:**   * Daily Scrum Call - 5mins * Team members attend daily stand ups @ 6:30pm (T,TH) 10am (sat) * We will be expected to be working on Sun and M,W,F (is this true?) * Should a team member have a conflict, s/he/they updates the slack team channel in advance of the meeting * We believe in in the value of planning collectively as a team * Every Team Member is engaged and involved. * Every Team Member is committed to the value of the application over individual recognition. * Every Team Member will practice active listening * Every Team Member will be directly engaged with the work - not answer texts or phone calls, social media, or other off-topic material (with the exception of emergencies -which will be communicated to the team) |

## **Agile Stand-Ups:**

Scrum Goals :

1. What did I work on yesterday?
2. What am I working on today?
3. What issues are blocking me?

**Project Details:**

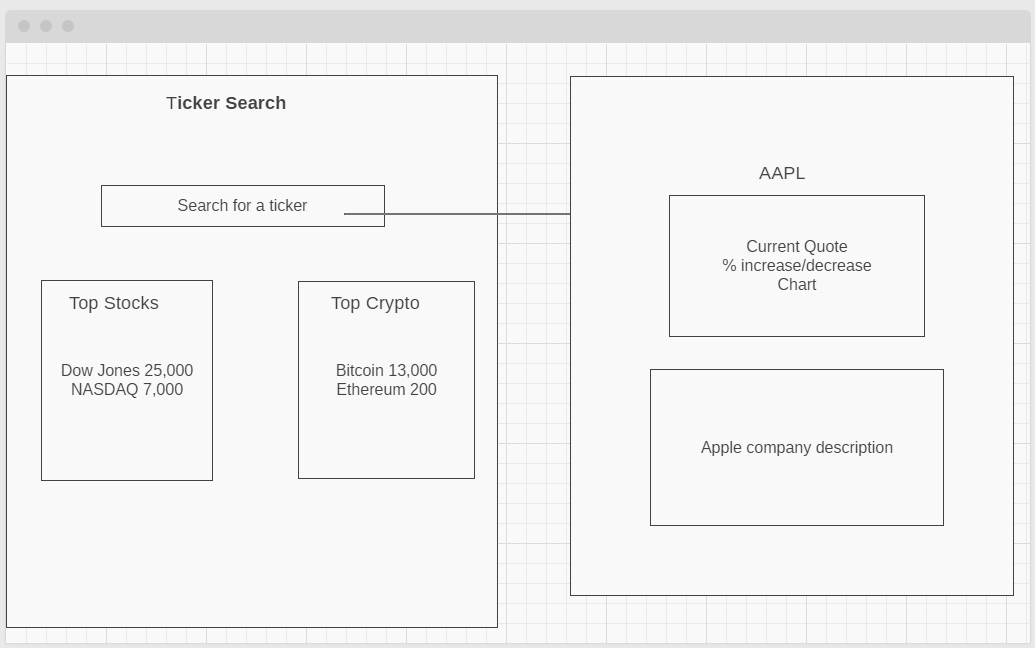
## **APIs Used**:

1. Barchart - <https://www.barchartondemand.com/free> (Stock market data)
2. CoinMarketCap - https://coinmarketcap.com/api/ (Cryptocurrency data)

## **Project Description**:

## User searches for a stock or cryptocurrency and then is presented with stock/crypto information, current price, % increase/decrease, maybe a chart.

## **WireFrame Image:**



## 

# **Planning: Design**

## **User Stories**

|  |  |  |
| --- | --- | --- |
| As a <role>, | I want <feature> | so that <reason>. |
| 1. As a stock /crypto currency investor | To know the current price | I can take better investment decision |
| 2. As a investor | I want to get history of a specific ticker | I can take better investment decision |
| 3. As a investor and user of ***TikrSearch*** app | I want to search a stock/ currency ticker | The data is presented to me. |
| 4. As a frequent visitor to this app | I want to save last few searches | So that I continue from where i left last time |
| 5. As an advanced user | I want to see the graphs | So that I can make an informed decision. |

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## **MVP Goals**

|  |  |  |
| --- | --- | --- |
| 1 as a stock /crypto currency investor | To know the current price | I can take better investment decision |
| 2 as a investor | I want to get history of a specific ticker | I can take better investment decision |
| 3 as a investor and user of TikrSearch app | I want to search a stock/ currency ticker | The data is presented to me. |
| 4 As a frequent visitor to this app | I want to save last few searches | So that I continue from where i left last time |

## **Stretch Goals**

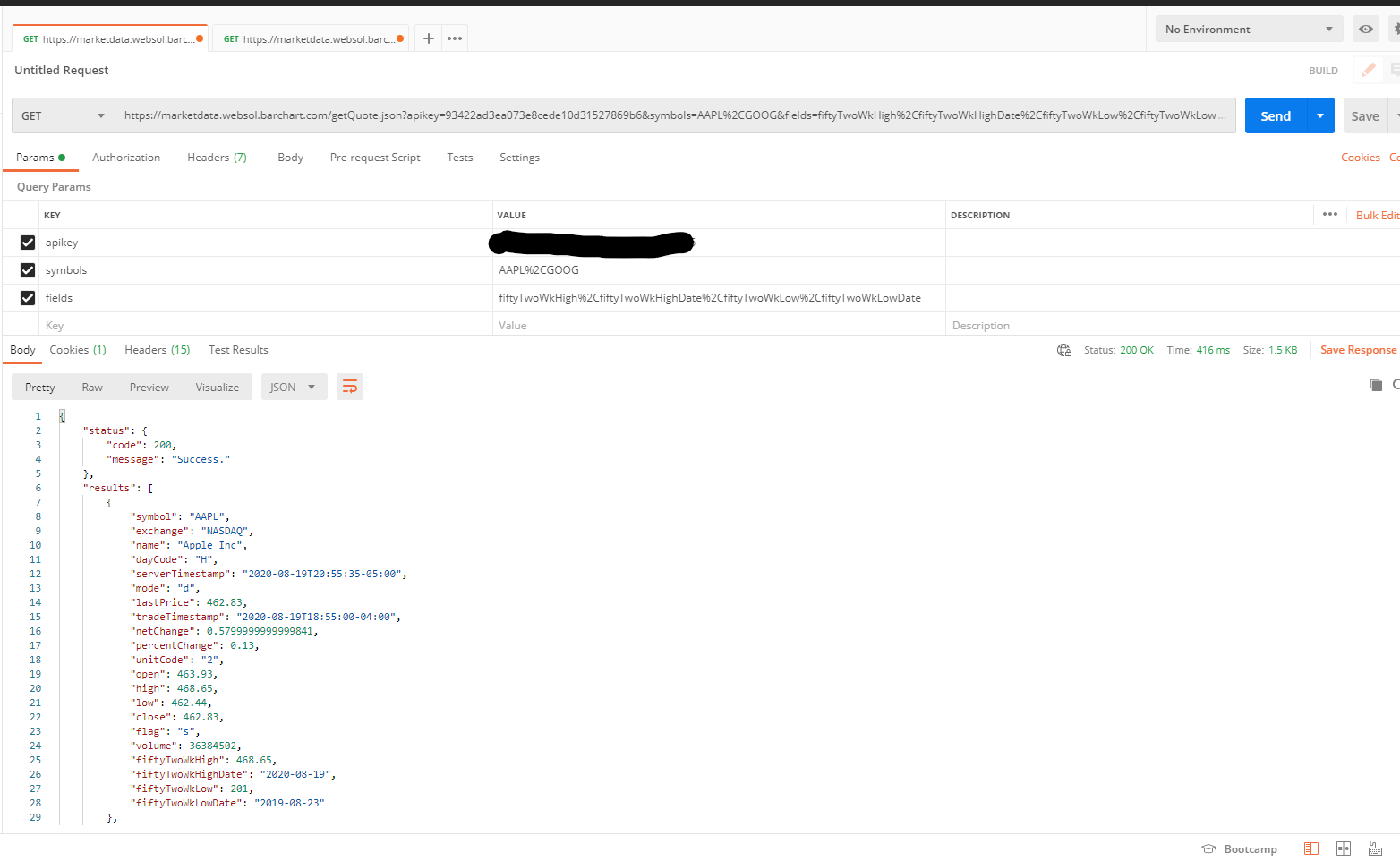
|  |
| --- |
| Task |
| 1. Implement charting lib |
|  |
|  |

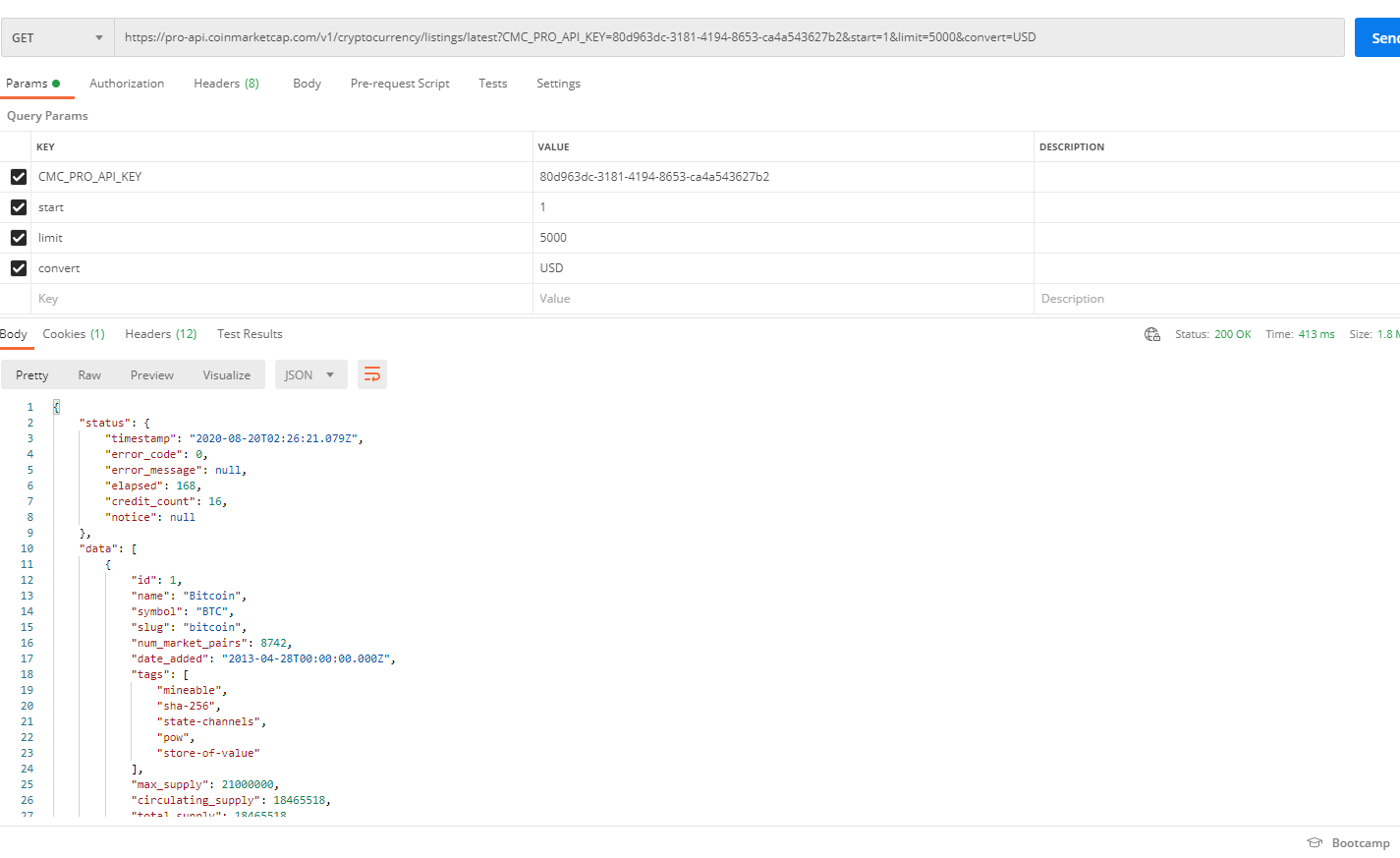
# **Planning: Technology**

## **APIs to be Used:**

|  |  |  |  |
| --- | --- | --- | --- |
| **API #** | **API Base URL** | **Parameters** | **What is it?** |
| 1 | [https://marketdata.websol.barchart.com/getQuote.json?apikey=${YOUR](https://marketdata.websol.barchart.com/getQuote.json?apikey=$%7BYOUR) API KEY}&symbols=${FIRST SEARCH PARAM}%${SECOND SEARCH PARAM}&fields=fiftyTwoWkHigh%2CfiftyTwoWkHighDate%2CfiftyTwoWkLow%2CfiftyTwoWkLowDate |  | Stock Market Data |
| 2 | https://pro-api.coinmarketcap.com |  | Crypto Data |

**Postman Screenshot of APIs to be Used:**

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## **Libraries to be Used:**

|  |  |  |  |
| --- | --- | --- | --- |
| Library # | Doc Link | What does it do? | How did you use it? |
| Mdbootstrap 4.19.1 | <https://mdbootstrap.com/?utm_ref_id=96808> | CSS framework for UI | CDN |
| jQuery | <https://code.jquery.com/> | It's a JavaScript Selector and animation lib | Local File |
| moment.js | <https://momentjs.com/> | Time manipulation lib. Eases the date time handling | Local file |
| d3js | <https://www.d3-graph-gallery.com/graph/histogram_coloredTail.html> | Its a visual graph lib | CDN |
| Tabulator | <http://tabulator.info/docs/4.7/jquery> | Tabulator allows you to create interactive tables in seconds from any HTML Table, JavaScript Array, AJAX data source or JSON formatted data. | CDN |

# **Project Reflection**

## **Retrospective Notes:**

**Team Reflection**:

* What Went Well
* What Did not go well
* What can **WE** improve for next time

**Team Member Feedback (directed at your team member(s))**:

* What Went Well
* What Did not go well
* What can **YOU** improve for next time

|  |
| --- |
| **Team Reflection & Team Member Feedback** Google Doc Link |
| *Varune probably can create a document for project retrospection on this google docs* |

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## **Blog / Medium Post: \*\*create a medium blog explaining the app\*\***

|  |  |
| --- | --- |
| **Blog / Medium**  Link |  |
| Team Member - Abhijeet | <https://medium.com/@bhagat.abhijeet/project1-89bc3ef770f2>  (it's a blank page at the moment) |
| Team Member # 2 |  |
| Team Member # 3 |  |
| Team Member # 4 |  |