FlashMem

“Remembering the basics in a flash”

## Platform

Database

* Firebase

Framework

* Bootstrap

Javascript Library

* JQuery
* Node.js
* npm

Host

* Local hosting

Licenses

* Open Source

## User Experience

How do we want our users to interact with our application

* Open application
* First page
  + Welcoming page
  + Show logo
  + Show title
  + Show slogan
  + Show actionable options
    - Start
* Second page
  + Study page (Main page)
  + Show topic categories
    - Transition to sub categories
    - Transition to flash cards
      * Show question
      * Button to flip from question to answer
      * Rating score
    - Transition score results
      * Show how many cards user got correct / incorrect

## Questions

Who are our customers?

* Those who are interested in learning programming language?

What language will this be in?

* Java

What do we want to achieve?

* Create a tool to help understand programming language
* To build our portfolio

Why would people want to use this? Or why would this be important?

* To help learn programming language
* It’s a tool to help study programming achieve

Where would it be used?

* On mobile and anywhere.

When would people use it?

* When people want to start to review programming basics.

## Implementation Goals

What needs to get done

* Design
* Database (Firebase)
* List out different features
  + Difficulty rating system
  + Q&A style note UI and function
* Research our content
  + List of vocabulary words
  + List of Java problems
  + Interview questions
* Place to host our web application
  + Can do local hosting
* Code the application (longest part)
  + Use JQuery
  + Node.js
  + npm

## Links to References

## Timeline

1st week:

* Planning
* UI Design

2nd week:

* Code infrastructure
* Start on coding process
  + Put on GitHub

3rd week:

* Mock design, something working
* Use firebase to create our database

4th week:

* Core components should be done
* Database should be loaded

1st Monthly Analysis:

5th week:

* Improve UI

6th week:

* Research data for notecards

7th week:

* Add additional features

8th week:

* Finish up our last edits and features
* Document Github

2nd Monthly Analysis: