# Sprint One Retrospective

**Period: 24/08/20 - 10/09/20**

**Attendees: Zill-e Rahim, Jason Yong Heng Thein, Marcus Hon Woon Lim, Nik Faris Arief Nik Kamarudin, Gieester Thai**

Sprint One was solely focused on implementing the bare minimum core functionality for the e-portfolio website. The requirements below are the requirements that were agreed upon with the clients

| Requirements | Result |
|---|---|
| ● Register a new user account | **Done**<br>User is able to register through sign up form<br>User is redirected to login page upon successful registration<br>User information is stored in database |
| ● Sign in to existing user account | **Done**<br>User is able to login through login form<br>User is authenticated if login validation is successful, redirected to about me page<br>Unauthenticated users are not able to access pages that require login e.g. about, project pages |
| ● Contact info in about me page | **In-progress**<br>Add contact information<br>Edit contact information<br>Delete contact information |
| ● Upload images/videos | **In-progress**<br>Connect to firebase storage for upload<br>Upload progress bar |
| ● Add project | **In-progress**<br>Create project<br>Edit existing project<br>Delete project<br>Grant access for other users to collaborate in project |
| ● Dark Mode | **In-progress**<br>Have to put the switch in a more appropriate position<br>Switch between light mode and dark mode |

# Dependencies Used in Sprint One

| Client Side Dependencies | |
|---|---|
| React | Material-UI |
| Redux | React-Router |
| Redux-Thunk | |

| Server Side Dependencies | |
|---|---|
| Bcrypt | firebase/ firebase-admin |
| dotenv | cors |
| express-session | jsonwebtoken |

# Requirements

## User stories

1. As a new user, I want to be able to register an account to start using the eportfolio.
2. As an existing user, I want to be able to log in so that I can gain access to my eportfolio.
3. As a user, I want to have an about me section so that I can introduce myself.
    a. Other users will be able to find information regarding the user so they can contact them
4. As a user, I want to be able to add projects and reflections.
    a. I want to be able to create, read, update and delete projects from my eportfolio.
5. As a user, I want to have a collaborative feature so that I can tag other members involved
6. As a user, I want to easily lookup my projects to view
7. As a user, I want to search other users to view their eportfolios
8. As a user, I want to have the option to set my eportfolio to public or private so that I can control who has access
9. As a user, I want to be able to toggle between light and dark modes so that I can avoid straining my eyes.
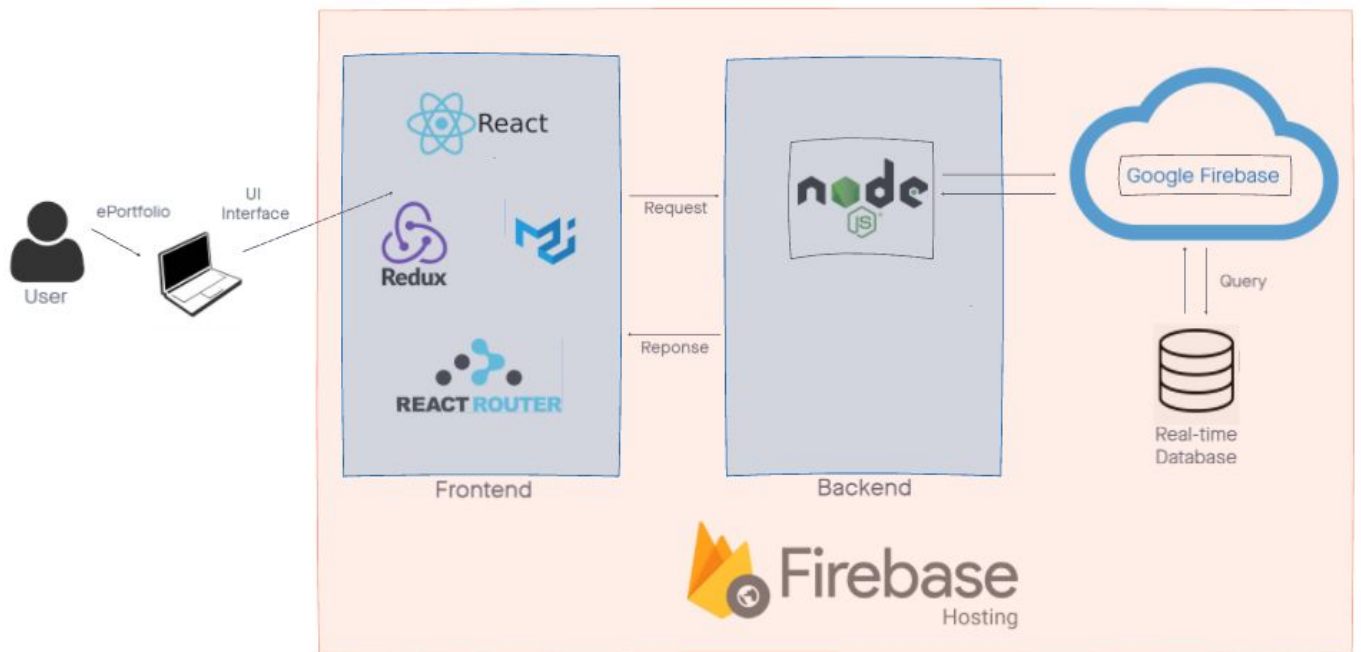
## Functional requirements
- Register a new user account
- Sign in to existing user account
    - Confirmation and redirect
- About me section
- Contact info in about me page
- Add project
    - Also update and delete project
- Upload images/videos
- Download feature
- Search for users
- Search for projects
    - Project tags to make it easier to search
- Public and Private feature
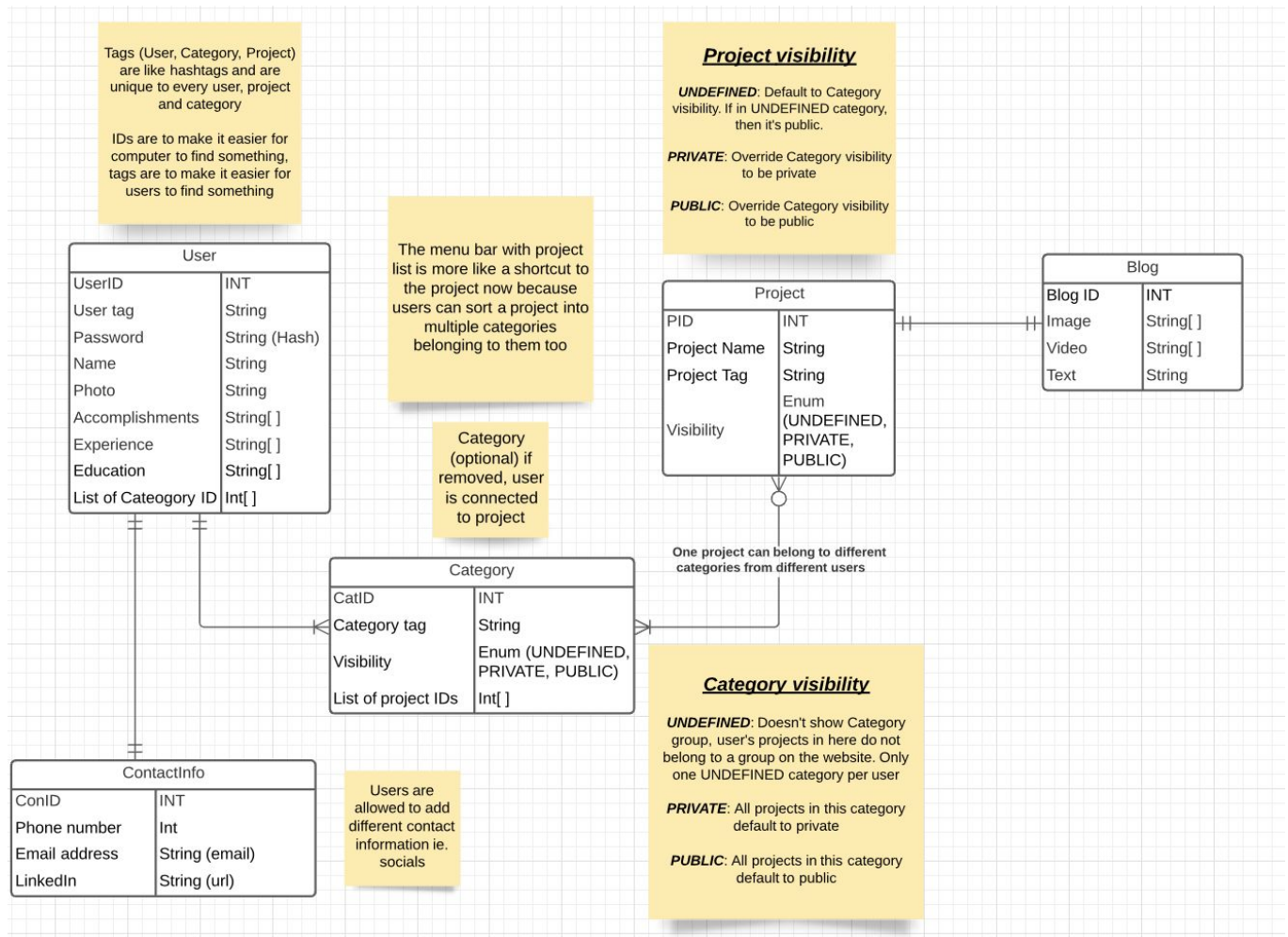- Have a defined structure for how the project blog goes
- Dark Mode

## Non-functional requirements
- Security
- Performance
- Scalability
- Usability

## System Architecture Diagram

# ER Diagram

## User

| UserID | INT |
|---|---|
| User tag | String |
| Password | String (Hash) |
| Name | String |
| Photo | String |
| Accomplishments | String[ ] |
| Experience | String[ ] |
| Education | String[ ] |
| List of Cateogory ID | Int[ ] |

## Project

| PID | INT |
|---|---|
| Project Name | String |
| Project Tag | String |
| Visibility | Enum (UNDEFINED, PRIVATE, PUBLIC) |

**One project can belong to different
categories from different users**

## Blog

| Blog ID | INT |
|---|---|
| Image | String[ ] |
| Video | String[ ] |
| Text | String |

## Category

| CatID | INT |
|---|---|
| Category tag | String |
| Visibility | Enum (UNDEFINED, PRIVATE, PUBLIC) |
| List of project IDs | Int[ ] |

## ContactInfo

| ConID | INT |
|---|---|
| Phone number | Int |
| Email address | String (email) |
| LinkedIn | String (url) |

# Wireframes

Sign Up Page:

Sign Page:

# Website

## Welcome Back

Email

Password

**Sign In**

New to Website? Sign Up

Footer

About Me:

User name

Category
○ project 1
○ project 2

Category2
○ project3
○ project4
○
+

About me

Name

Introduce yourself...
Experience...
Accomplishments...

Project Page:

My project

Progress Bar

User name

Category
○ project 1
○ project 2

Category2
○ project3
○ project4
○

+

I started doing this project during the covid pandemic because I have so much time right now ...

Headers:

Home Page

Website                                   Get Started    Sign In

User Logged in Page

Website                          About  Blog  Projects    Sign Out
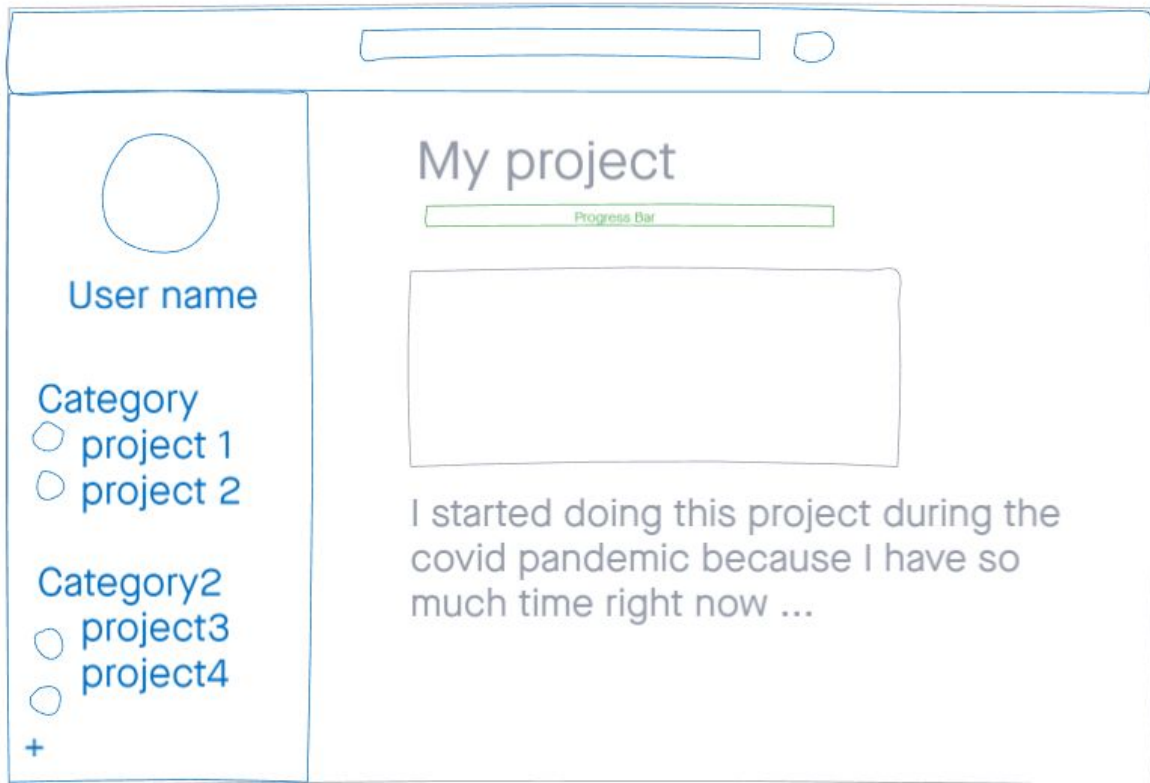
# Home Page:

## Home/Landing Page
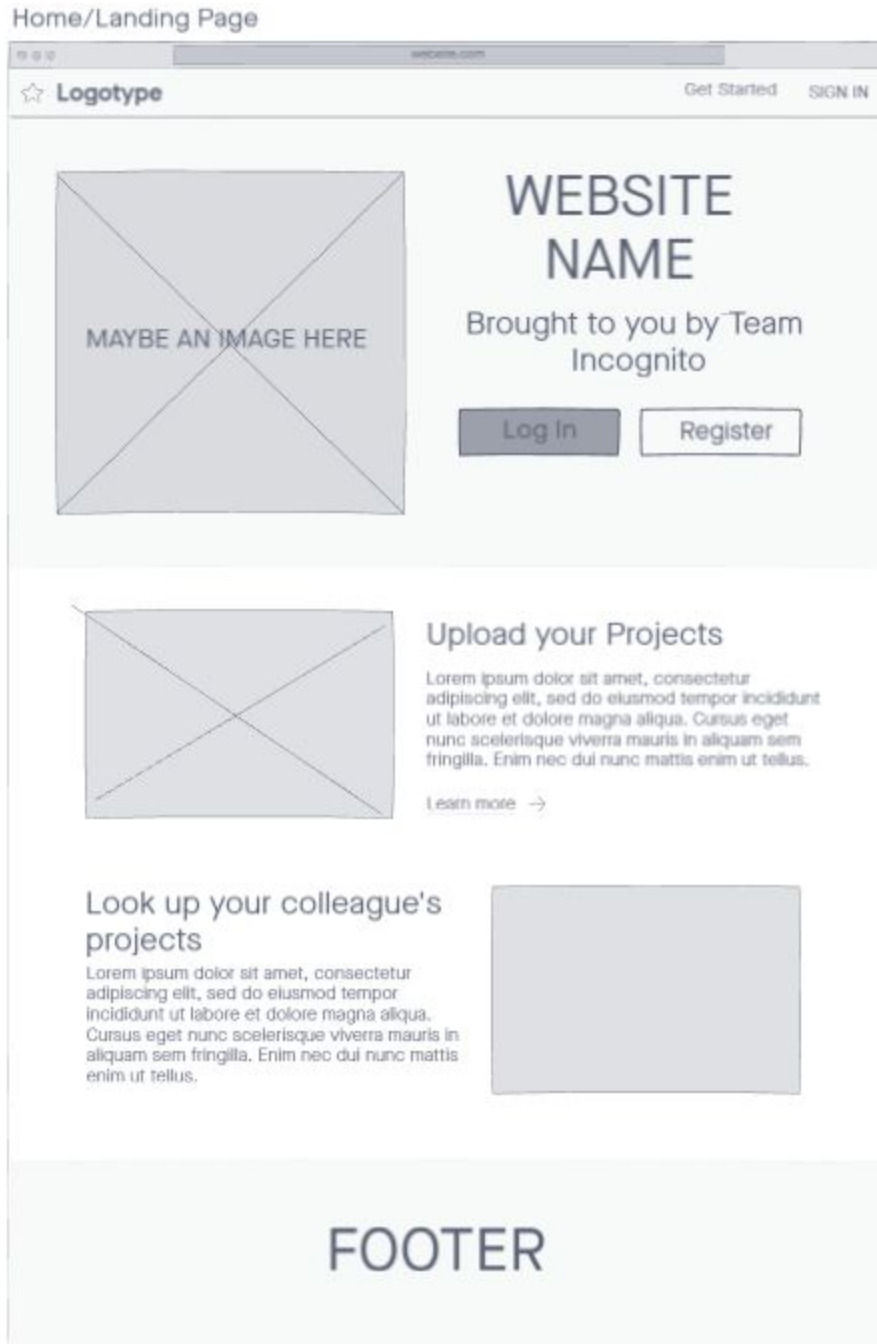
# Post Team Review

**What we did during this Sprint:**
- Github, Trello and Slack are set as the main way of communicating between team members.
- A Discord channel was set up to communicate with the clients, as per their request
- 2 Meetings were held with clients:
    - 1st Meeting: Getting Acquainted with each other and getting an idea of what their vision is with the product
    - 2nd Meeting: Getting approval of our planned functionalities, and finalising the colour scheme they want for the product

- 2 Repositories were set up on github, 1 for Front-end and 1 for Back-end
- 3 Team members focused on implementing the required features for this sprint while the other 2 Team members focused on researching and testing out for the functionalities which will be focused on being implemented in sprint 2


**What could be improved upon:**
- Better use of the trello board to break down tasks more efficiently
- Have a better plan of what needs to be done in the individual sprints
- More thorough communication with the client
- More communicative diagrams used for ease of communication with clients




**Sprint 2 Planning**

- Complete the inprogress function from Sprint 1
- About me Page
- Upload/Download Feature
- Side Menu-Bar
- Host the website to Test all the features

# Appendix:

**Trello:**
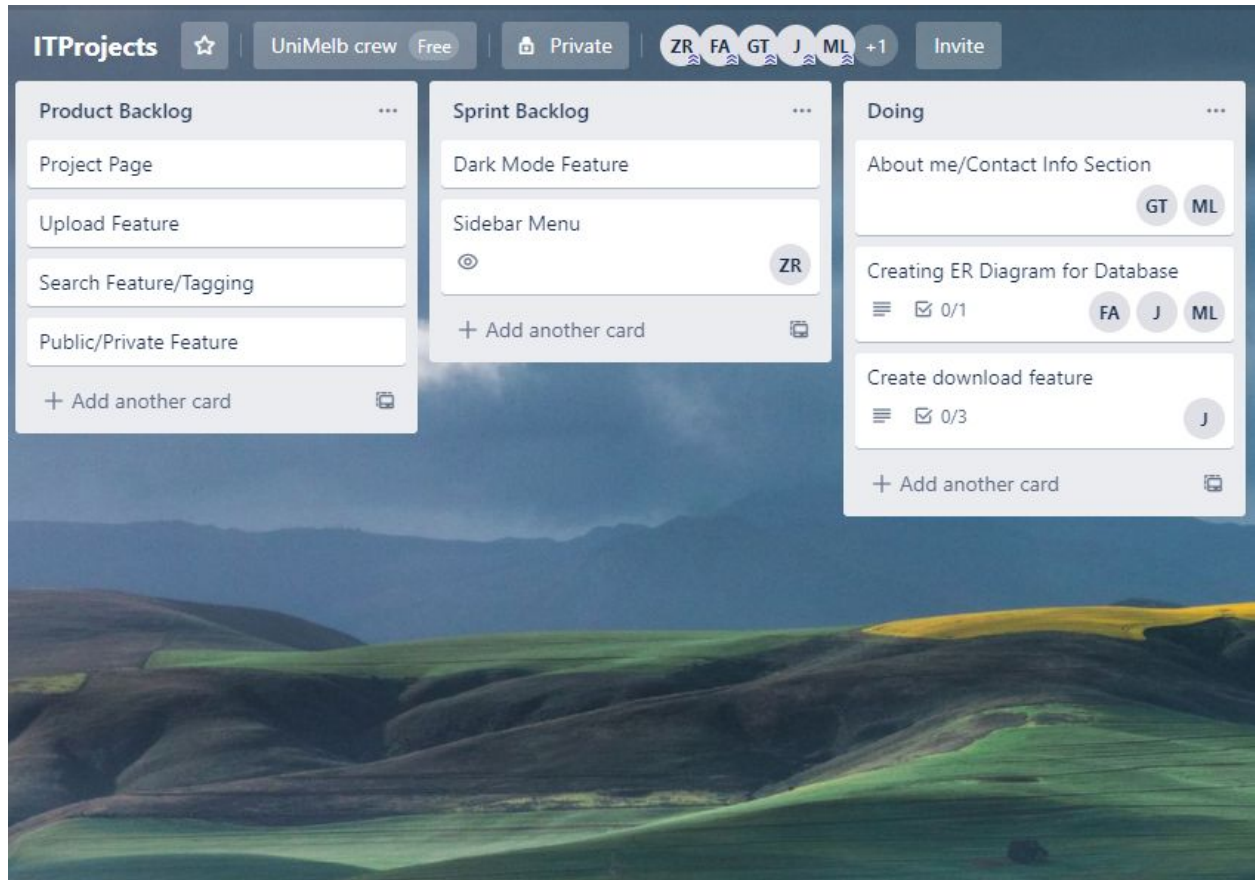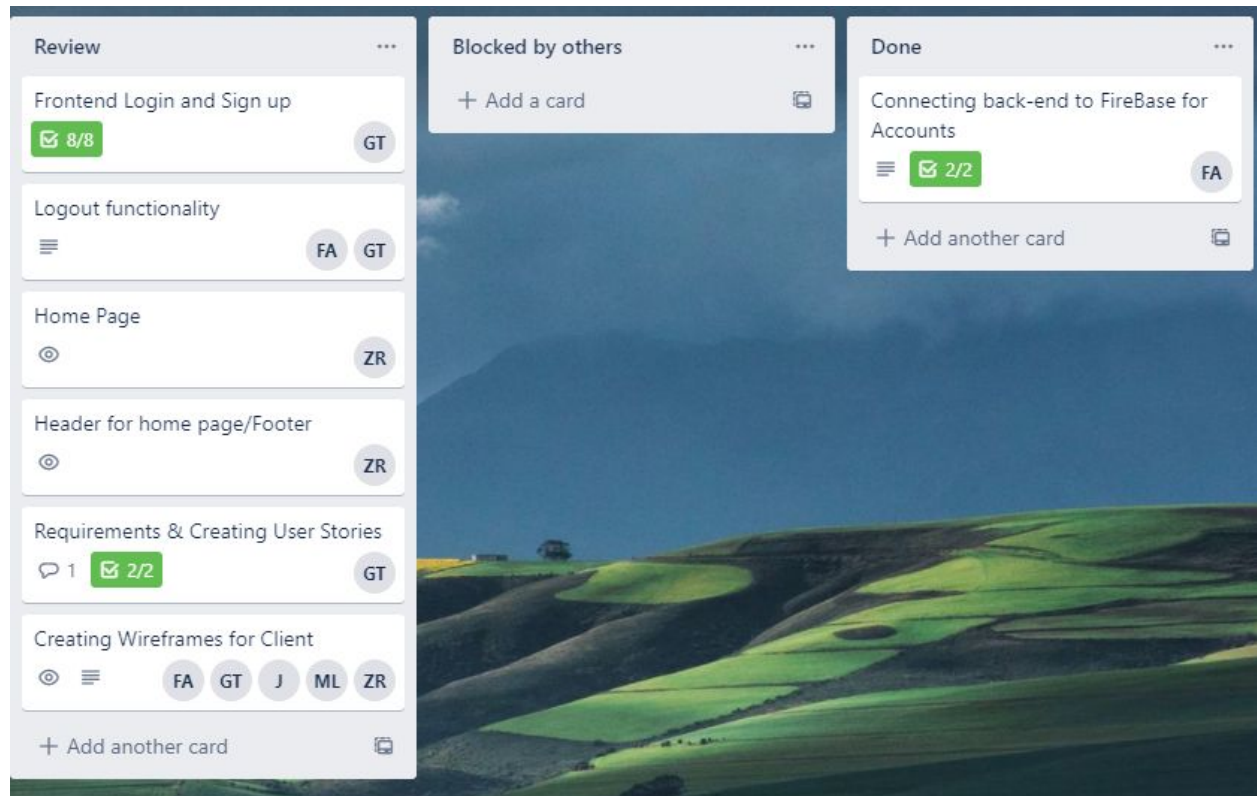
## Review

### Frontend Login and Sign up
☑ 8/8    GT

### Logout functionality
≡    FA  GT

### Home Page
👁    ZR

### Header for home page/Footer
👁    ZR

### Requirements & Creating User Stories
💬 1  ☑ 2/2    GT

### Creating Wireframes for Client
👁  ≡    FA  GT  J  ML  ZR

+ Add another card

## Blocked by others

+ Add a card

## Done

### Connecting back-end to FireBase for Accounts
≡  ☑ 2/2    FA

+ Add another card

# Slack General Chat:

**Gstar** 5:49 PM        Saturday, September 5th ⌄
Im up to the part where we can start redirecting user to specific pages but I think its easier if we merge header branch with mine

**Nik Nik Kamarudin** 5:50 PM
sure! I'd like to test that out

**Zill-e-Rahim** 5:53 PM
I'm out getting food, gimme till 6:30pm to push some stuff into the header branch

Sorry sorry

**Gstar** 5:54 PM
any of you know how jwt works on frontend

think we need it to like check if user can visit certain pages depending on whether they are logged in and stuff

**Zill-e-Rahim** 5:56 PM
Yup exactly ^^, I have a vague idea on how to do it. Your supposed to save the token generated in the header

**Gstar** 5:57 PM
maybe ill do some research on that 😏

**Nik Nik Kamarudin** 5:57 PM
You'd have to store the json token in the local storage first

then append it to the header for each request

then when you logout I assume you'd have to delete it from the local storage

**Gstar** 5:58 PM
ouff true

that make sense

ye so need to get that working before restricting access to pages

**Nik Nik Kamarudin** 5:59 PM
yep

The backend already has something that checks for the header

Now I think we'd just need to store it in the local storage of the front end

then we're all set

**Gstar** 5:59 PM
also i wanted to ask when happens when user registers

are they granted a jwt or they need to login first

Message #general

$ | B  I  S  </> 🔗  ≔  ≔  ≔  ⎙

# GitHub Front-End

master ▾     5 branches     0 tags          Go to file     Add file ▾     ⬇ Code ▾

**gieester** fixing bugs                              fe6f706  yesterday     🕐 33 commits

| 📁 | .idea | testing if repo connected succ | 20 days ago |
| 📁 | public | Initialize project using Create React App | 20 days ago |
| 📁 | src | fixing bugs | yesterday |
| 📄 | .gitignore | Initialize project using Create React App | 20 days ago |
| 📄 | README.md | Initialize project using Create React App | 20 days ago |
| 📄 | package-lock.json | Merge branch 'master' into userAuth | 2 days ago |
| 📄 | package.json | Merge branch 'master' into userAuth | 2 days ago |

## Github Back-End

master ⌄ | ⑂ 2 branches | ⬡ 0 tags

Go to file | Add file ⌄ | ⬇ Code ⌄

Faris_arief and Faris_arief Changed responses to json ...  8f7024f 2 days ago  🕐 12 commits

| | | | |
|---|---|---|---|
| 📁 | .idea | Added backbone for node express | 21 days ago |
| 📁 | bin | Made sure that front end is able to connect to back-end | 10 days ago |
| 📁 | controllers | Changed responses to json | 2 days ago |
| 📁 | public/stylesheets | Added backbone for node express | 21 days ago |
| 📁 | routes | Added new api for logging out | 2 days ago |
| 📁 | views | Added authentication | 7 days ago |
| 📄 | .env | Added authentication | 7 days ago |
| 📄 | .firebaserc | adding the firebase databse and storage config files | 13 days ago |
| 📄 | .gitignore | Added backbone for node express | 21 days ago |
| 📄 | admin.json | Connected firebase to Backend | 10 days ago |
| 📄 | app.js | Added authentication | 7 days ago |
| 📄 | database.rules.json | adding the firebase databse and storage config files | 13 days ago |
| 📄 | firebase.json | adding the firebase databse and storage config files | 13 days ago |
| 📄 | package-lock.json | Added authentication | 7 days ago |
| 📄 | package.json | Added authentication | 7 days ago |
| 📄 | storage.rules | adding the firebase databse and storage config files | 13 days ago |

Help people interested in this repository understand your project by adding a README.   Add a README