

Cyclops(0) Meeting

Date: January 26/2021

Attendees:

Jiang Zhuoxuan
Sumeet Bajwa
Megan Nyugen
Larry Gu

1. Project

Shared Group Tasks Finished:

Individual Tasks Worked on:

- **Larry**
 - Explore Firebase's Database Service (Firestore)
 - Implements Page Loading Animation for System Visibility:
 - Progress Indicator for Home Page Article Loading
 - Progress Indicator for Article Page Article Loading
 - Skeleton Text for Article Detail Page Information Loading
 - Implements data retrieval from remote database:
 - Article Page data displaying
 - Article Detail Page data displaying
- **Eric**
 - - Explore the feasibility of building a database on the Firestore.
 - - Implement a database CRUD demo by using Firestore.
 - - Move all local data from the project into a database which is built on Firestore.
 - Edit code, application can send and retrieve data
 - Newest Article section(Main page)
 - implements database retrieve
 - Article details page
 - implements database retrieve
 - Edit article page (old one)
 - implements database retrieve

- implements database update
- **Sumeet**
 - Implementation of the ion-split-pane component
 - Component is needed for desktop view of application
 - Ion-split-pane is a side menu that appears in desktop view
 - Implementation included removing tabs bar when switching to desktop view
 - Tabs bar appears when switching back to mobile view
 - Implemented main tab buttons into ion split pane
- **Megan**
 - Mockup Creation for grid system
 - Make application have a more responsive design
 - Work with ionic grid system to make application more responsive
 - Implemented grid system, application layout now adapts when switching between mobile and desktop view
 - Styling for ionic grid system

Blockers + Surprises

- Firestore stores data in noSQL format, which means it does not require a schema like other databases such as MySQL. Utilizing this database service took longer than expected.
- There is a great amount of debugging work our team needs to complete before we can build the PWA of our application.

2. Learning

- **Larry**
 - Firebase Document <https://firebase.google.com/docs>
 - Firebase website hosting information
 - Cloud Firestore add data
 - Cloud Firestore structure data
 - Cloud Firestore delete data
 - Ionic Framework Document <https://ionicframework.com/docs/angular/pwa>

<https://ionicframework.com/docs/api/progress-bar>

- Transition Ionic Project to PWA
- Deploy Application to Firebase
- UI Component: Progress Indicator

- **Eric**

- Firebase documentation <https://firebase.google.com/docs>

- Learning tutorial YouTube

- <https://www.youtube.com/watch?v=0qUaOBYICbA&t=1251s>

- <https://www.youtube.com/watch?v=YozfJ1nQIBU>

- **Sumeet**

- <https://ionicframework.com/docs/api/split-pane>
 - <https://devdactic.com/horizontal-navigation-ionic-desktop/>

- **Megan**

- CSS media queries and responsive grid layout
 - Testing why innerHTML methods are not working with popovers

3. Plan

Individual Tasks:

- **Larry**

Done before Friday

- Explore Firebase's Database Service (Firestore)
- Implements Page Loading Animation for System Visibility:
 - Progress Indicator for Home Page Article Loading
 - Progress Indicator for Article Page Article Loading
 - Skeleton Text for Article Detail Page Information Loading
- Implements data retrieval from remote database:
 - Article Page data displaying
 - Article Detail Page data displaying

Rest of the week

- Implement Search Bar that works with the database
- Update the Edit Function on the Article Page to update information in the database
- Update the new Editing Tool Page to update Article Detail and Segment information to the database
- Continue implementing responsive website design
- Debug Code for PWA building

- **Eric**

- Implement Sign in and Sign up feature.
- Include the login authorization and provide a way to retrieve the password.
- May provide third party login, i.e. Google, Facebook

- **Sumeet**
 - Implementation of tabs buttons into the ion-split-pane side menu in desktop view
 - Implementation of login/settings buttons into ion split pane during desktop view
 - Removal of previous button in mobile view for login/settings when switching from mobile to desktop view
 - Styling for ion- split-pane
 - Cyclops application image style, different positions if in mobile or desktop view
- **Megan**
 - Continuing work on grid system
 - Switch between slides and grids
 - Style cards (image to text ratio, cut off text)

Learning activities proposed for this week:

Requirements Milestone:

1. Peer Testing #2 in March
2. Next is implementing features for Peer Testing #2