Cyclops(0) Meeting

Date: February 2nd/2022
Attendees:

      Jiang Zhuoxuan
      Sumeet Bajwa
      Megan Nyugen
      Larry Gu

1. Project

Individual Tasks Worked on:

- **Larry**
    - Text Edit Page Update
        - Utilize CKEditor Plugin's Inline Text Editor, a new text editor that has a floating toolbar
        - Interactive with the database:
            - Fetching articles and images from the database and displaying them correctly
            - Uploading them to the database
            - Progress bar and confirmation message displayed to the user to inform them system status
        - Documentations available
        - Two options available for the important features:
            - Add section
            - Remove section
            - Save changes
        - Responsive Web Site Design
        - Confirmation Message Implemented: Error Prevention
        - New Save button that affords system visibility
    - Segment Bar at the Article Page
        - Addressed one concern from the previous Peer Testing
            - The segment bar has a default one highlighted once the user enters the page
        - Ensure the new bar also practices responsive website design

- **Eric**
  - Implemented authentication: sign in, sign up, sign-out
  - Implemented email verification
  - Implemented the user authorization. Only admin account has authorization to edit page (partly finished for now, some bugs that need to be resolved
- **Sumeet**
  - Implementation of the ion-split-pane component finished
  - All buttons implemented for home,articles,eco track tab
  - Implemented log in, and settings buttons
  - Styling is finished for the split pane component
  - Added image to split pane menu
- **Megan**
  - Sent client mockup, received feedback
  - Amended UI mockup based on client feedback; replaced scoring icons, added reading scores, assume survey cards link straight to survey

Blockers + Surprises

- Rewriting Text Edit Page involved more work than expected, pushing the Article Button Page update work to the next week.
- Code In Text Edit Page could be reused to update the new Article Button Page.

2. Learning
- **Larry**
  - CKEditor Documentation: Inline text Editor Tutorial
    https://ckeditor.com/docs/ckeditor5/latest/builds/guides/predefined-builds/overview.html#inline-editor

  - Ionic Framework Document
    https://ionicframework.com/docs/api/segment

https://ionicframework.com/docs/api/split-pane
Segment with ngModel tutorial
Split-pane routing tutorial

- **Eric**
  - https://www.youtube.com/watch?v=5XF7_ue4Xas
  - https://www.youtube.com/watch?v=2zO0Y77f8rI&t=853s
  - Firebase documentation https://firebase.google.com/docs
  - Learning youtube tutorial
- **Sumeet**
  - Tutorials on implemented star scoring system for ionic
- **Megan**
  -
    https://stackoverflow.com/questions/58087736/angular-how-to-dynamically-load-a-component-defined-by-a-string
  - .
    https://angular.io/guide/dynamic-component-loader

3. Plan

<u>**Individual Tasks:**</u>

- **Larry**

    Will do before Friday:
    - Implement Search Bar that sends queries to and fetch results from the project's remote database
    - Split Pane Bug Fix
        - Correct Routing Information
        - Highlight specific button at corresponding section, which includes a default selection once the App is open

    Next Week:

    - Article Page Button Update
        - Rewrite the Edit Modal so that it works with the database
        - Confirmation Message for Error Prevention
        - Display Saving Status for system visibility
        - Loading Progress Bar for system visibility
    - Debug Code for PWA building

- **Eric**
    - Make improvements to authentication
    - User friendly design on input validation (block buttons if the input is invalid)
    - User friendly design and alert messages for all authentication pages
    - Implement password reset page

- **Sumeet**
  - Starting work on new implementations for eco tracker tab
  - Research on how to implement 5 star scoring system into ionic
  - Get base HTML setup for eco tracker ionic score input
  - Input for other menu selections too.
- **Megan**
  - Popovers: scripts are not executed when passed to innerHTML binding, found possible solution for displaying popovers: dynamic component loading
  - Amend page-space-me-page.ts with template of the current article layout and specify where the content body should be placed
  - Create a new component for article content with a template that gets article body data from firebase

Learning activities proposed for this week:

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