

# Cyclops(0) Meeting

**Date:** February 8th/2022

**Attendees:**

Jiang Zhuoxuan  
Sumeet Bajwa  
Megan Nyugen  
Larry Gu

## 1. Project

**Individual Tasks Worked on:**

- **Larry**
  - Article Display Page Update
    - New Segment Buttons
      - o Matches the Text Edit Page
      - o Default Selection with Highlight of current Segment: More system visibility
    - Article Display Algorithm Rewritten
      - o Generalizes to any number of segment section
    - Popover implementation not successful,
  - Split Pane Bug Fix
    - Correct Routing Information
    - Highlight specific button at corresponding section, which includes a default selection once the App is open
  - Tab Bar responsive website design algorithm rewritten
    - Tab Bar and Split Pane now show up and disappear at the current screen size, not interfering with each other
- **Eric**
  - Improvements on Authentication
    - User friendly design on input validation ( block buttons if the input is invalid and alert message under the input box) for all authentication pages

- Good UI design for all authentication pages
- Implement the reset password page
  - User can find/reset their password by entering their registered email address
  - Also include input validation and good UI design
- Implement login with google
  - User can login with google account
  - User's information(email) stored in to database
- **Sumeet**
  - Implemented Ionic scoring system
  - 5 star rating system on Eco tracker input modal
  - Implemented leaf icon instead of star for rating
- **Megan**
  - Tracking user's read articles
  - Fix scrolling bug in article segments
  - Default segment in articles
  - Update UI mockup to include related solutions in a new segment

### **Blockers + Surprises**

- The Popover feature implementation has not been successful for multiple reasons:
  - We cannot insert “popovers” with the rich text editor in the current editing page, as they are not supported with rich text editors.
  - Text information in the database is read through a feature called “inner html” it does not support any framework or customize tags
  - Popover, unlike any other icon components, required event handlers. So far we can only display popovers if we know where they will show up in advance. If popovers are user inserted, we know neither the location nor the number of them.

## 2. Learning

- **Larry**

- Data loading in Ionic with optimization

<https://ionicframework.com/blog/how-to-lazy-load-in-ionic-angular/#:~:text=Lazy%20Loading%20in%20Ionic%20Angular&text=Lazy%20loading%20is%20expressed%20through,using%20the%20tabs%20starter%20template.>

- Ionic Framework Document

<https://ionicframework.com/docs/api/menu>

<https://ionicframework.com/docs/api/split-pane>

Split-pane routing tutorial with guides on using the ionic menu bar gesture attributes

- **Eric**

- Firebase documentation

<https://firebase.google.com/docs>

- <https://ionicthemes.com/tutorials/forms-and-validation-in-ionic>

- **Sumeet**

- <https://mikeyny.medium.com/creating-an-angular-ionic-rating-component-e616f3e11300>

- **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

### Individual Tasks:

- **Larry**

**Will do before Friday:**

- 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

**Next Week:**

- Debug Code for PWA building
- Implement all the animations for the logging feature for system visibility
- Code Implementation for offline feature

- **Eric**

- Fix issues/bugs (unknown for now) about authentication
- Implement user profile page
- Implement a timer for verify email
  - Firebase has a restriction that user can only request once within a minute

- **Sumeet**

- Now that 5 star rating system is implemented figure out how to send user inputs
- Work with ionic drop down menus to get correct Sections/Solutions for articles
- Implement drop down menus that only show solutions for each certain section

- Research validations for ionic drop down menus
- **Megan**
  - Tracking user's read articles
  - Fix scrolling bug in article segments
  - Default segment in articles
  - Update UI mockup to include related solutions in a new segment

**Learning activities proposed for this week:**

**Requirements Milestone:**

1. Peer Testing #2 in March
2. New article editor implementation
3. Responsive Design
4. New Eco tracker input with Rating system
5. User log in/ sign up
6. Fetching and sending data to database