

## Test Strategies:

### 1. Functionality

#### a. Register with Different approach

- i. Register with Google account
- ii. Check if it correctly displays your name on the top upper right where sign-in button was present

#### b. Logging Out

- i. Click top upper right where it displays your name with green background
- ii. Click log out on the profile pop up
- iii. Check if log out was successful by checking sign-in button is represent on the top right corner

#### c. Check Desktop Navbars

- i. Click all the options on the navigation bar and check if they link to the expected page (can be compared against screenshot on the slide)
- ii. Check if you can move between different pages without errors
  - 1. Ex) Click home page and then click post page

#### d. Check Mobile Navbars

- i. Access the application on mobile device or using developer tool on your browser
- ii. Check if the Navigation expansion can be toggled using the square icon on the upper right
- iii. Repeat the same process in step a “**Check Desktop Navbars**”

#### e. Home-Page

- i. Explore Community button should link to Community Posts page
- ii. Check Proper Recycling section is present
- iii. Check Beyond Recycling section is present

#### f. Make a post anonymously

- i. Click Community Posts on the navigation bar
- ii. Click + sign to create a new post
- iii. Add title, picture and description

- iv. Click “post anonymous” checkbox and then click “create your post”
- v. Now your post should be on the very top of the Community Posts page

**g. Make post non-anonymously**

- i. Click Community Posts on the navigation bar
- ii. Click + sign to create a new post
- iii. Add title, picture and description
- iv. Now your post should be on the very top of the Community Posts page

**h. Leave comment**

- i. Click any post on the Community Posts
- ii. Click bar under Comments section
- iii. Type your comment
- iv. Click the airplane icon
- v. Check if your comment was added underneath the comments section of the post
- vi. Check other posts so that your comment was only added into the correct post

**i. Like comment**

- i. Choose any post you like
- ii. Push the heart icon underneath the post description
- iii. Check if the number of like was incremented by 1 correctly

**j. Unlike comments**

- i. Push the heart icon underneath the post description you chose in previous step
- ii. Check if the number of like was decremented by 1 correctly

**k. View multiple pictures on preview post**

- i. Find a post that has left and right arrow icon with white background
- ii. Click the right arrow and see if the images change
- iii. Click left arrow to see if same image is displayed as before

**l. View multiple pictures on post view**

- i. Click the post
- ii. Find a post that has left and right arrow icon with white background
- iii. Click the right arrow and see if the images change

- iv. Click left arrow to see if same image is displayed as before

**m. Check your level**

- i. Each posts worth 5 points
- ii. Make 3 posts and see if your icon changes
- iii. If you are level 5 which is represented by badge icon, you won't see any changes
- iv. Level 1 (0~15 pts)   level 2(16 ~32 pts)   level 3(33 ~48 pts)   level 4(49 ~ 64 pts)   level 5(65 & up pts)



**n. Check Recycle Guide With Valid Zip code**

- i. Type zip code you want at the place holder
- ii. Click search icon
- iii. Check if the result is without zip code on Google

**o. Check Recycle Guide With Unvalid Zip code**

- i. Type invlid zip code you want at the placeholder
- ii. Click search icon
- iii. Check if the result is without zip code on Google

**p. Check Your Profile: Name**

- i. Click the upper right green bubble that states your username/name
- ii. Check if the name displayed after "Hello" is correct registered name

**q. Check Your Profile: Points**

- i. Click the upper right green bubble that states your username/name
- ii. Check your current level and status
- iii. Click Community Posts on the navigation bar to make a post
- iv. Follow step C "**Make a post anonymously**" or step D "**Make post non-anonymously**"
- v. Click the upper right green bubble that states your username/name
- vi. Check if you are score was correctly incremented by 5 points

**r. Check Your Profile: Icons**

- i. Check if your icons reflect correct level based on your points

- ii. Please reference icons and points relationship step j **“Check your level”**

## **2. Responsiveness**

- a. Open developer tool on the browser
- b. Click Responsive dropdown on the very top
- c. Try to click different screen size devices to check if the website is responsive
- d. Move around different pages using navigation bar to check if the information is still presented in expected structure (based on the desktop mode)

## **3. Accessibility**

- a. Try to download screen reader or add Chrome extension
- b. Compare if the information from the screen reader is correct information
- c. Check if any important information is missing from the screen reader
  - i. Images are being described
  - ii. Navbars or buttons are correctly read