Stitch App - Team 03

Acceptance Criteria

1. Win-Condition: As a user I can calculate the costs/the environmental impact of what I buy so that I can make better decisions
   a. Acceptance Criteria
      i. I need to be able to select an item
      ii. I can choose the frequency of how often a time frame I buy an item
      iii. I should be able to see the total water consumption of that item based off of the frequency
      iv. I should be able to see the yearly consumption of the item based on the time frequency(daily, weekly, monthly etc...).

2. As a user I can find eco-friendly information on the item (food, clothing, etc.) I search for in order to make environmentally conscious decisions.
   a. Acceptance Criteria
      i. Search bar should be displayed on the home page.
      ii. The icon for the items are displayed on the search home page.
      iii. The water cost of the item should display once the icon is tapped on/or item is searched.
      iv. I can see the bottom navigation bar with the icons for waterpage, vspage, earthpage, healthpage & recyclepage.

3. As a user I can compare the environmental costs of different products and choose the best option.
   a. Acceptance Criteria
      i. I can see two search bars on the compare home page
      ii. I can add more search bars to compare multiple items
      iii. I can remove search bars if the search bar is not needed
      iv. I can see the water consumption based on the items selected

4. As a User I should be able to get the Ranking of the different items in a particular category.
   a. Acceptance Criteria
      i. I can see the categories listed for the items
      ii. I can see the icons (images) of the categories to pick from
      iii. I can click on a specific category and see the items sorted in descending order of highest water consumption to lowest

5. As a User, I should be able to switch between G/L (Gallons or Liters) similar to C/F (Celsius/Fahrenheit) on weather apps.
   a. Acceptance Criteria
      i. I can see the G/L button
      ii. I can see the current water metrics based off of gallons or liters
      iii. I can click from Gallon to change from Liters and vice versa.
6. As a Client/Maintainer, I can add/update/remove items in the database so that the database continues to be up to date  
   a. Acceptance Criteria  
      i. I can see the current content of the database  
      ii. I can choose which items to update/add/remove to/from the database  
      iii. I can see the changes made once the database has been changed  
      iv. I can save edits made to the database  
7. As a user I should be able to access the application anytime anywhere.  
   a. Acceptance Criteria  
      i. I can see the app icon when I open my phone  
      ii. I can download the app on any iOS smartphone  
      iii. I can have the same app experience and UI on any iOS smartphone  
      iv. I can use the app on any iOS smartphone as long as it is connected to the internet  
8. As a user, I should have access to correct product information.  
   a. Acceptance Criteria  
      i. I can get the correct water consumption for the product that I am searching for.  
      ii. I should be able to see error messages when data or the product is missing from the database.  
9. As an admin, I should be able to accommodate a growing number of users.  
   a. Acceptance Criteria  
      i. I can see the information about the increase in the number of users of the application.  
      ii. I can see the growing number of products in the database and can take actions to optimize queries.  
      iii. I can distribute the load on the database with increasing users.  
10. As a user, I should be able to access the functionalities of the app in minimum time.  
    a. Acceptance Criteria  
       i. I can use the app’s functionalities with minimum lag  
       ii. I can have the same app performance on any iOS smartphone
Definition of Done

1. Code completed with no errors
2. Code Review with Peer and Agile done
3. Unit Test should cover 70% of code and thoroughly vetted per win-condition
4. Regression testing done with every win-condition
5. Build Config updated on ReadMe on Github
6. Continuous integration completed and verified
7. Code needs to be completely updated on Github Repository
8. All features need to be developed and meet Acceptance Criteria mentioned and Q/A’d
9. Database should be under a source control
10. The client reviews entire core-capabilities of the application
11. Successfully demonstrated core-capabilities in CCD
12. Technical debt is less than 5 days of work