Team Iron / Judit Chang-Horvath, Michael Colombini, Katelynn Hull, Kira Maximova, Abdullah Pathan, Gavin Rios, John Wasikye

Weekly Development Report #15.

Performance Period: **Wednesday, 04/19 - Tuesday, 04/25**

1. **Group Accomplishments:**
   - We merged the frontend, the backend, and the database branches into main.
   - We worked on our project website - we added downloadable PDF files for each presentation.
   - We updated the design of the 'Home' screen of our prototype.
   - We created a 'Product Search' screen with the two main search options.
   - We created the 'Registration' screens for the shoppers and store owners.
   - We made a connection between the frontend and the backend: data can be retrieved from the database, and displayed on the frontend.
   - We finalized the 'Advocacy and Petitions Sites' screen. The data for the buttons is retrieved from the database.
   - We created all the screens for the 'Lemme.Know' functionality. Also, in the 'Existing Store' and 'Closed Store' pages we implemented a dropdown menu with typing option.
   - We created all the screens for the 'Reward.Me' functionality.
   - We created the basic layout for the 'Customized Container Recommendation' screen.
   - We made good progress on the 'Shopping List' screen. The store name, product name, price, unit, and quantity are retrieved from the database based on a user ID (for now, the user ID is hardcoded in the SQL statement)

2. **Individual Contributions/Accomplishments:** (to be filled out by each individual)

- **Judit Chang-Horvath**

   o I revised Lab2 Section3 one more time, finalized it, and submitted it on Canvas.

   o I added all CS410 presentations, Demo 1, and Demo 2 as a pdf to our GitHub repo. I created 'Download' buttons and linked the corresponding files to it so that they can be downloaded. Thus, now, all documents on the project website are downloadable.

   o I published Demo 3 on the project website.

   o I published 'Lab2 Section3 Version2 (Final)' on the project website.

   o I modified the 'Reward.Me' screen, and created 3 subpages for 'Point History', 'Deals', and 'My Deals'. I created the corresponding buttons on the 'Reward.Me' screen, which when clicked, open the subpages. I pushed these changes to GitHub, and I merged it into our designated frontend branch.

o   I modified the 'Customized Container Recommendation' screen. I pushed these to GitHub, and I merged it into our designated frontend branch.

o   I modified the 'Home' screen, and I added our logo to it. I pushed the changes to GitHub, and I merged it into our designated frontend branch.

o   I created a 'Product Search' screen where the two different product search methods (search by icons, search by name) can be accessed. I pushed this new page to GitHub, and I merged it into our designated frontend branch.

o   I attempted to create the navigation bar (at the bottom of each screen) by following a tutorial (https://www.youtube.com/watch?v=AnjyzruZ36E), however, unfortunately it didn't work out. Still, I pushed the branch containing the code for the navigation bar to our GitHub repo, and I plan to consult Dr. Miller so that we can find a solution.

o   I proofread all sections of Lab4, and I worked on Lab4, editing several sections, adding mockups and updated prototype screenshots.

o   I created the main registration page, the registration page for shoppers, and the registration page for store owners. I pushed these pages to GitHub and merged it into our designated frontend branch.

o   Dr. Miller and I completely redesigned the Advocacy and Petition sites' React code. Now, we can make calls to the API endpoint, receive data from the database via Django as a json file, render the data in the json file, and create a page with the desired styling. I pushed the changes to our GitHub repo, and merged it into main. This page can serve as the bases for all other frontend pages, which will need to be rebuilt.

o   Katelynn and I reviewed the code that I set up with Dr. Miller on Friday, and we discussed the next tasks to be completed.

o   I had a meeting with Abdullah, we discussed his latest work related to the Shopping List screen. We considered the next options, and we aim to finish the Shopping List screen this week.

o   I finalized the Advocacy and Petition Sites screen by adding the advocacy sites to it. This page loads dynamically, thus, it gets all the data from the database.

o   I worked on the frontend and the backend of the Shopping List functionality, and I managed to get it to work dynamically - currently only the user ID is hardcoded in the SQL statement. Abdullah and I will work on adding code for passing the user ID dynamically. I modified the Shopping List screen so that the product specifications and the information whether the product

is organic or not are shown. I pushed my changes to gitHub and merged them into main. I let the team know so that they can have a look, and review the code.

- **Michael Colombini**
  - [description of the work that was done during the week]

- **Katelynn Hull**
  - I created the Lemme.Know New Store Screen and linked it to the Lemme.Know screen for the frontend.
  - I worked on Lab 4.
  - I created the Lemme.Know Closed Store Screen, linked it to the Lemme.Know Screen, and pushed to github.
  - I worked more on modifying and finalizing Lab 4 and turned it in.
  - I changed the Lemme.Know Closed Store Screen by adding a search capability to the dropdown menu for stores, and added navigation from the New Store and Closed Store screens back to the main Lemme.Know screen.
  - I created the Lemme.Know Existing Store Screen and pushed to github.
  - At our meeting, Judit and I looked over the code she and Dr. Miller had created that connected the frontend and backend, and discussed the next steps that need to be done.
  - I tried merging the database branch into the main branch and ran into some issues. I contacted Dr. Miller, and he was able to help me resolve the problem. Then I successfully merged the database branch into main.

- **Kira Maximova**
  - [description of the work that was done during the week]

- **Abdullah Pathan**
  - [description of the work that was done during the week]

- **Gavin Rios**

- o [description of the work that was done during the week]

- **John Wasikye**
  - o Summarised & Uploaded weekly development report
  - o Finished code to let container guide return a single container based on user and item in their shopping list
  - o Continue to develop the container guide recommendation to return all the items for the requested user, should be mostly complete after
  - o Attended the group meeting and learned how the front end connection works with the backend on Friday

3. **Issues/Concerns:**

- [description of the issue/concern]