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.

- I modified the 'Customized Container Recommendation' screen. I pushed these to GitHub, and I merged it into our designated frontend branch.
- 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.
- 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.
- 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.
- I proofread all sections of Lab4, and I worked on Lab4, editing several sections, adding mockups and updated prototype screenshots.
- 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.
- 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.
- Katelynn and I reviewed the code that I set up with Dr. Miller on Friday, and we discussed the next tasks to be completed.
- 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.
- 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.
- 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**
  - Connected google map to front end but in the process lost some of the functionality that were part of backend version and merged the code into main
  - the backend version of google map had the navigation bar set up - buttons with the icons, the front end at this point still has some issues (rendering initmap that is much slower than the google' functionality), as well as to bring back Search textbox and navmenu back to React
  - worked on lab 4

- o met with several members of the team including Dr. Miller to resolve and to understand how to connect HTML, .py and .js code with React

- o worked on the individual revisions for the Lab 2, not yet finalized

- o like Katelynn I also run into the problem with merging to main, and like her I reached out to Dr. Miller who assisted in solving the problem

- **Abdullah Pathan**
  - o [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]