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

Weekly Development Report #14.

Performance Period: **Wednesday, 04/12 - Tuesday, 04/18**

1. **Group Accomplishments:**
   - Finalized the slides for Demo 3
   - Presented Demo 3
   - Updated our mockups, and created new ones

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

- **Judit Chang-Horvath**
  - I added several sections to Lab2 Section3, especially sections for the Store Owner user interfaces because I realized that we did not have requirements for those. I edited and revised section 3.1, the requirements for both the user interfaces and the algorithms.
  - Katelynn and I met Abdullah to get some help to set up the front end local development environment on our machines. We were successful: we were able to access Refill.Me's login page in the browser. Also, we discussed the direction that we would need to take in order to present a working prototype at our final demo.
  - Katelynn and I created a document with the exact steps needed to set up the local dev environment for the front end: https://docs.google.com/document/d/133axPFr51uImH4ZcBmH7VtHg7Crat-gkS40UllCxS0g/edit
  - I checked out Abdullah's and Gavin's frontend branches, and I attempted to access the login page, however, it did not work. I let the front end team know, and I asked them to make sure that their latest code is available in our repo.
  - I made some changes to Lab2 Section3 based on John's suggestions.
  - I updated the site map diagrams for shoppers and store owners so that we can include the updated version in the appendix of Lab2 Section3, and later in our final demo.
  - I updated our GitHub Issues, and our GitHub Project with the newest information and deadlines, etc. Also, I updated Trello to show all the in-progress and upcoming tasks.

- o I finalized the slides for Demo 3.

- o I uploaded Weekly Development Report 12 and 13 to the project website.

- o On Sunday, after meeting with Abdullah and Gavin, Katelynn and I created the screen for the Reward.Me page in our prototype. Later, it came out that the usage of divs is not best practice in a React Native project, thus, we are trying to find a better solution. Similarly, the screen for the Customized Container Recommendation needs to be revised. WIP.

- o I updated the information on the 'Container Guide' screen in our prototype.

- o I updated the styling of some of the screens, making sure that the fonts, color palette, background image, etc. align throughout the app.

- o I made some modifications to our Lab2 Section3 document based on the comments that Kira left after she proofread it.

- o Katelynn and I discussed the front end pages that could be created to complete the Lemme.Know feature. We drew the initial layout of the pages that will allow users to report information related to new stores, existing stores, and closed stores.

- o Katelynn and I determined the sections that will be needed for the Lab4 (User Manual) document.

- o I updated our mockups, and created a few new ones based on the specifications mentioned in the Lab2 Section3 document. I added the mockups to the Lab4 (User Manual) document. For now, these mockups serve as guidance - I let the team know that any previously published mockups might be out of date, and thus, anytime they would need to refer to Refill.Me's pages, they should consider the mockups in the Lab4 document. Some of these mockups will be replaced with actual screenshots of our prototype.

- **Michael Colombini**
  - o I started working on Lab 4.
  - o I had a meeting with Kira to assist in submitting the GoogleAPI branch to the repository.

- **Katelynn Hull**
  - o I worked on revising Lab 2 Section 3, addressing the feedback and editing for clarification and accuracy.

- o Judit and I set up a meeting with Abdullah on Thursday to go over what all needs to be done for the frontend development.
- o At our meeting, Abdullah showed Judit and I how to locally set up the frontend on our own computers, then we created a document with the necessary steps for the rest of the team. We also discussed the next steps we need to take for further development on the frontend.
- o I added more records to the reward_points_history and reward_points_conversion tables in the database and pushed to github.
- o On Sunday, Judit, Abdullah, Gavin, and I had a meeting going over the plan regarding the frontend and divided out tasks to be completed.
- o After that, Judit and I had a meeting where we practiced making a page on the frontend for Reward.Me.
- o I made a new branch from the frontend-v0 branch and created the Lemme.Know screen in the prototype.
- o At our weekly meeting Judit and I discussed which screens we would make next on the frontend, and worked on Lab 4.

- **Kira Maximova**
  - o worked on lab 2 section 3 revisions; lab 3 & lab 4
  - o after reading Judit comment, I also met with Abdullah on Monday to go over some of the google map questions and see how to link to front end as some of my code includes html and .css. Thank You! I asked if I could meet on Monday to potentially talk about linking to front end.
  - o met with Michael to troubleshoot the code as well as explain the forms, and models as I used a different method that is not the best approach. Thank you!
  - o Tomorrow, I am meeting with Dr. Miller to remove another troubleshooting layer on the mapping (as per the latest scope change: 'Seach by product' and to find the distance to the store) as well as be able to add store to the Favorite' list on 'Detail'
  - o added the working branch to github (a bit overdue), but started
  - o worked on store search, the git issue (store search based on Zip and city)

- **Abdullah Pathan**

- o Continued work on the token authentication further, added a Django project 'userAccounts' to use the 'djoser' package which provides an API in Django for user authentication, this was done specifically to try implementing JSON Web Tokens rather than regular token authentication which requires querying of the database each time. Has not been finished, but token authentication is in place in the project, able to login/create users in the front-end, adding a user account to the back-end storing their password hash and username. Bare-bones simple and there is currently a bug in maintaining token authentication throughout the session
- o Met with Judit and Katelynn to assist in setting up local front-end envs, added additional notes to the local setup doc when necessary
- o Received feedback on Lab 2, started revising document before final deadline
- o Participated in Demo, showcasing features worked on the front-end side
- o Received direction in a meeting with Judit, Katelynn and Gavin to start working on Shopping List features for this sprint week

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

- **John Wasikye**
  - o I developed more code to change the container guide recommendation to work for multiple products depending on the users shopping list, as well as code for it to accept an input from the web browser
  - o Working on changing the container guide to json instead of an api view
  - o Worked on lab 2 section 3
  - o Worked on lab 4
  - o Wrote summary for weekly report
  - o Worked on changeing product search to json instead of the api view
  - o Participated in the demo

3. **Issues/Concerns:**