DOMS Sprint 1 Retrospective
Team: 15
Hemil Desai, Dinesh Gajwani, Shivank Tibrewal, Kunal Goyal

1) What went well?

In Sprint 1, we were able to establish most of the user stories completely and some of them partially from the ones that we mentioned in our Sprint 1 planning document. This first sprint had a very steep learning curve and required a lot of learning from the team. A large majority of the team had done only little web development in the past so learning the language and the basics of web development was the first thing that was accomplished. Like learning any language, development started out slow but the team started to pick up on HTML and EJS, as other problems were explored and solved. The team has also become more confident about their ability to create code from scratch especially after understanding every aspect of the working environment in detail.

Following are the user stories that were successfully completed in Sprint 1.

● Store Owners are able to log in to the system if he or she exists in the system and will not be able to log in if he or she doesn't exist. The store owner logs in and sees his own information successfully. Using passport.js authentication system, we have implemented the login screen with userRouter.js, which takes care of the backend of the system and login.ejs, which is the frontend ejs file for the screen.

● The admin should be able to view the drivers and manage the different drivers with CRUD operations on the API. We have implemented this at the backend with driverRouter.js class. Since everyone was a little new to web development, the front end component for this story was not perfectly implemented. We still need to make a useful html page that can interact with the backend and implement these CRUD operations for the front user.

● A store owner should be able to view the store's drivers and manage with CRUD operations on the API. We have implemented this at the backend with driverRouter.js class. The backend for this was similar to the earlier user story and we had the same problem with the front end development. After we fix the earlier user story's front end, it should be easier to go ahead with this one.

● A user is able to sign up as a driver/store owner successfully, and as an admin, be able to view and accept requests. This was our first user story and has been implemented well. It took a lot of time to implement this since everyone was understanding how the whole system would work code-wise.

2) What did not go well?

Although we were able to implement most of the user stories, still there were a few tasks which remained unsuccessful. We did not have enough time to complete these tasks as the learning curve was high and we implemented the backend of most of the user stories. The front-end was not complete for some user stories as members had trouble merging with ejs initially due to the steep learning curve.

Following are the tasks which remained unsuccessful to an extent during the first sprint. We plan to start Sprint 2 by first completing these tasks and then work on our new tasks.

● As an Admin, I would want to manage drivers (Add, Remove, Modify) into the system. The front end framework has not been developed for this user story. We will definitely finish it in our next sprint.

● As an Admin, I would want to manage store owners (Add, Remove, Modify) into the system. This user story should be easy to implement after we finish the one before this one.

● As a store owner, I should be able to assign orders to available drivers - automatically and manually. Due to time and the amount of learning that we needed to implement the earlier user stories, we could not work on this one much. Both our front and back-end will be made in our upcoming sprint.

● As a store owner, I would want to manage the store's drivers (Add, Remove, Modify) into the system. The front end framework was not developed well for this story. CRUD operations are complicated with front-end!

3) How should you improve?

During Sprint 2, we will improve on certain aspects individually and as a team. We realised that a lot more coordination and communication is required among team members in order to deliver products till deadlines.

● To solve the issue of coordination, each team member will inform others regarding their progress more frequently. During team meetings we will discuss what we have worked on, current problems, and future goals. Not only will we discuss, we will also work together for certain hours in a week to coordinate and test our individual parts.

● Initially, we will try to complete the essential features of our service first and then to work on additional features of our service. Also, we will make sure to make realistic goals considering other factors, so that we can complete everything that we plan to do in a sprint.