Retrospective Document
Sprint-<3>

Work & Test Progress

This sprint, we finally could establish a successful connection between database, server and application. We use Volley library for handling HTTP response and requests. (90%)

After some time spent with the research, we have decided on the design of the scale in terms of material selection, shape and dimensions decision of the platform. We have obtained the decided platform and our load sensors are now working as a scaler below that platform.(100%)

We have connected our Wifi Shield to Arduino and our hardware work seems to be done.(100%)

Also, since we could solve the problems faced on server side, now we have established successful wireless communication between server and hardware components through our newly connected Wifi Shield. (100%)

Team Progress

Aslıhan Bener (28%)
Çağla Burcu Aloğlu (28%)
Gökhan Eskizara (16%)
Yağmur Boztürk (28%)

Left-overs (Backlog)

Right now we cannot follow database updates instantly because of Volley's default cache operations. When we delete the application cache from device's application settings, it receives updated data from server. Therefore, we understand that we have to handle that cache issue.

Since we did not have the complete communication between different parts of the project, we could not make progress on implementing the recommendation algorithms. We will focus on that in the last sprint.

Next Sprint

All database update operations will be done by website. Therefore, admin website will be developed more. Right now, we are able to add new recipes to database only from admin page.

The application and the server will be modified to trace user history, previously prefered food and recipes and store favourite recipes.
Recommendation and filtering algorithms will be implemented at server side.
Android application interface will be more user friendly.
We will configure server authentication.

Comments

Since we are adapted to all components and technologies that we are using, we will move faster after now. We will not struggle with new components or errors.

Assistant's Evaluation

Assistant's (Team Leader's) comments regarding to this completed sprint.

Supervisors's Evaluation

Supervisor's (Team Leader's) comments regarding to this completed sprint.