

## **15-637 Team 205 Final Project Group Statement**

It was a great pleasure for us to work together as a team. At the beginning of each sprint, we will develop the backlog based on each member's future time constraints, availability and interests. The backlogs are all reasonable and we all worked hard to meet those expectations. In sprint 2, there were a small part of planned tasks we didn't finish so we added them in the plan of sprint 3, during which we finished them very well.

In the last two days of each sprint, we always meet to discuss individual's work, communicate problems we have, merge the project, and summarize our accomplishment and problems. It turned out to be very efficient since three of us all attended all the meetings, showed up on time, and devoted ourselves to the task. We also have a chat-group on wechat so that we can communicate problems we have during individual task at any time. When faced with project problems or opinions about other member's work, we communicated them immediately in a constructive way, and made improvements accordingly. There were problems, but there were never conflicts among us.

### **Maintain a clean commit history, merge**

Since we introduce Facebook account instead of maintaining our own user account. Initially, we have to develop and test our features on AWS server. For every developing branch, we don't use git rebase command to merge our commits. So, there's a lot of debug commits on our master branch, Later, we emphasize the quality requirement of commit message and use git rebase command to help keep the master branch in a linear state. That's helpful if we detect errors in master branch and want to roll back to the previous commit.

Our individual tasks finished during each sprint are as follows:

Yunpeng

Sprint	Tasks
1	a. Static html pages: base page layout, css design b. Static html pages: main page layout, profile, comments page layout c. AWS deployment
2 (product owner)	a. Study React.js, loading more recipes using react, using cookies to maintain dish display status b. price calculation and information display, image preprocessing with js c. Co-speaker of sprint 2 presentation
3	a. Filter feature in main page b. Integrate filter, search feature with loading more buttons c. Improve shopping list, price display, shopping list email sending d. Manually error checking and error page e. Html page validation check

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Sprint	Task
1 (product owner)	a. crawler API: Scrapy, BeautifulSoup, Selenium, python-request b. Youtube API c. static html pages : recommendation, shoppinglist d. django model
2	a. responsive display on mobile and web b. extract units from ingredient, complete unit conversion c. gather ingredient price information, d. security issue for geolocation e. sprint2 presentation
3	a. dynamic crawler with crontab b. get more diverse data c. print shopping list in PDF format d. mobile and web testing e. database deployment

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Sprint	Tasks
1	a. HTML Geolocation & Google map API study and notes.

	<ul style="list-style-type: none"> <li>b. Dish page design.</li> <li>c. Implement feature of searching for the nearest store.</li> <li>d. Speaker of presentation.</li> </ul>
2	<ul style="list-style-type: none"> <li>a. Implement FB login feature on base page</li> <li>b. Retrieve user data from Facebook</li> <li>c. Back-end: Django navigation and database interaction. (main, dish, profile, recommendation, comments).</li> <li>d. Front-end: js user-interaction. (comment update, FB login, recommendation)</li> </ul>
3 (Product Owner)	<ul style="list-style-type: none"> <li>a. Implement dish save and upvote features.</li> <li>b. Google map get location from user's input.</li> <li>c. Revise dish, profile page's UI compatible to mobile device.</li> <li>d. Migrate delete feature of shopping list to js.</li> <li>e. Add page responses to anonymous user and enable anonymous user to make comments.</li> <li>f. README.</li> </ul>