

Release Plan

Basic Information

- Product Name: Foodie More
 - Team name: Four Gangs
 - Team members:
 - Jiahao Xu (Alex) (Product Owner)
 - Haorang Liang (Harlan)
 - Wentian Bai (Bruce)
 - Wentan Bai (Tom)
 - Release data: June 12nd 2017
 - Revision number: 1.0
 - Revision date: 4/10/2017
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High Level Goals

- Users and sellers are able to login in their accounts individually through Android app.
- The sellers should be able to create selling page which contains the all the information about his restaurant and dishes
- Users are able to view the restaurants listed in the App and sort

and search it based on his preference.

- Users are able to order the food they want and Seller will be able to see the order and accept it.
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User Stories

Sprint 1

- (1) As a user, I want to register a user account via the Android app, and view my personal account.
- (1) As a seller, I want to register a seller account via the Android app, and view my personal account.
- (4) As a user, I want to view the product listed by the sellers.
- (5) As a back-end developer, I need to build a user database to store all the user information and Dishes information.
- (3) As a back-end developer, I need to create APIs on the server side for the front-end app.

Sprint 2

- (6) As a front-end developer, I need to use APIs provided by the server to send requests and receive responds. Then I

make the front-end app update UI and internal data structures according to the returned data from the server.

- (8) As a back-end developer, I need develop the searching algorithm and searching option.
- (3) As a user, I am able to add the dishes into my shopping cart.

Sprint 3:

- As a developer, I need to use the Google API to add distance to the current location so that the user can sort based on the distance.
- As a developer, I need to add current waiting time information so that the seller can update and user can view while they are browsing the App.
- As a user, I am able to check out the order.
- As a seller, I am able to accept the order and send an order information and waiting time back to the users.

Architecture

- Server for storing data and doing algorithm
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Challenges

- Real time server information update
 - Time schedule
 - Debug
 - Merging code
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Technologies

Server: Firebase

Android App: Android studio, Google Map API