

# Sprint3 Plan

- Product name: Foodie More
- Team name: Four-gangs
- Sprint 3 plan due: May.18 2017
- Revision number: 1
- Revision date: May.17 2017

## Goal:

Based on the previous plan, we need to use Google API to add distance to the current location and implement waiting time information and checking out the order.

## User Stories:

1. 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.(4)
  - Use Google API to locate the user's position and update it to database (2)
  - Rely on user's position to show restaurants which are nearly user. (2)
2. 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.(6)
  - Design a layout showing waiting time (2)
  - Design a layout updating new waiting time (4)
3. As a user, I am able to check out the order. (5)
  - Implement the Paypal API.(5)
4. As a seller, I am able to accept the order and send an order information and waiting time back to the users.(8)
  - Creates function which make seller to get information from users(4)
  - Creates function which make user to get response from seller(4);

Total story point for Sprint Plan 3: 23

## Team Role:

Jiahao Xu (Alex) (Product Owner) (BackEnd & UI)

Haorang Liang (Harlan) (BackEnd & UI)

Wentian Bai (Bruce) (BackEnd & UI)

Wentan Bai (Tom) (BackEnd & UI)

## Initial task assignment:

Team member: Haoran Liang & Wentan Bai

- User story: 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.
- Initial task: We can use Google API to locate the user's position and use Firebase API to often update it. If user wants to find the nearest restaurants, we can use Firebase API to return some restaurants which has shortest distance with user.

Team member: Haoran Liang & Wentan Bai

- User story: 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.
- Initial task: We can use Firebase to store current waiting time. And we need to add input port for seller to update their waiting time. Then we can use Firebase API to listen If the waiting time change, user's layout showing waiting time will change to new data.

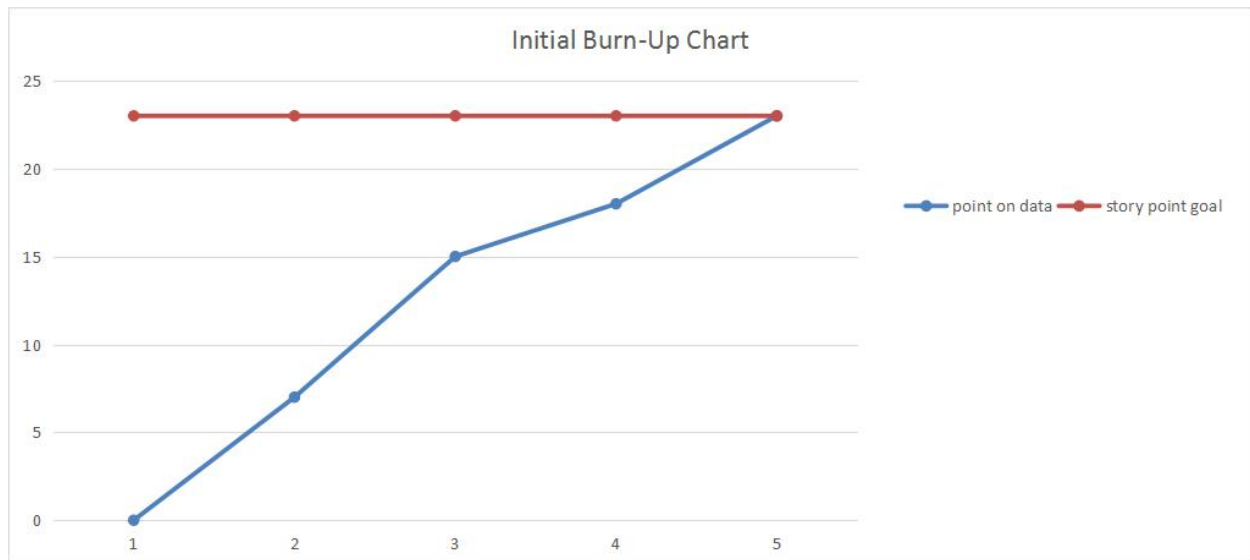
Team member: JiaHao Xu & Wentian Bai

- User story: As a user, I am able to check out the order.
- Initial task: we will create a page which implement the Paypal API and after checking out, users will seller will both get response.

Team member: JiaHao Xu & Wentian Bai

- User story: As a seller, I am able to accept the order and send an order information and waiting time back to the users
- Initial task: we will use two phones that one is seller and the other is user. We will test the interaction between them.

## Initial Burn-Up Chart



Scrum Meeting time:

Monday, Wednesday, Friday 1:30 – 2:00 pm