

Sprint 2 Plan

Heading:

Project name: Foodographer

Team name: Team Suicode

Release name: Foodographer

Due Date: 11/4/2018

Version: 0.2.0

Revision Date: 11/4/2018

Goal:

Our Sprint 2 goal is to complete the basic user interface for our Android app, including the user login page, homepage, and other basic functional pages. For the backend, we also need to implement basic Firebase integrations(database and login authentication) into our app in order to store restaurants and user information.

Task listing:

1. As an interface developer, I need to watch Java for Android Studio tutorial to implement each button. (9 points).
 - a. Learn intent to connect every page. (1 point)
 - b. Learn how to pass information using intent.putExtra. (2 points)
 - c. Learn how to receive information from intent. (2 points)
 - d. Learn how to store small amount of information to sharedPreferences. (4 points)
2. As a frontend developer, I need to learn search view(search bar), image button(restaurants button) to make more abundant button choices. (34 points)
 - a. Optimize user profile page. (10 points)
 - b. Start restaurant information layout. (6 points)
 - c. Optimize HomePage.(6 points)
 - d. Optimize Search result.(6 points)
 - e. Optimize Filter Page. (6 points)
3. As a backend developer, I need to use Firebase to retrieve user information from the login page and advanced setting. (16 points)
 - a. Need to go online to see stored both user information in firebase database and authentication.(8 points)
 - b. Need to go online to look for the ability to allow user to resetting password if they forgot password.(8 points)
4. As a backend developer, I need to use Firebase to organize restaurant information in desired patterns and be able to successfully send restaurant information when users see their personal homepage in Sprint 3. (12 points).

- a. Optimize Database connection and organization
- b. Write methods to get data from Yelp API
- c. Start designing algorithm used for searching
- d. Learn to implement Google Map API to help with the restaurant info.

Team Roles:

Haofan Wang: Frontend (Home page)

Bingxue Ouyang: Frontend (Add functions for filter page)

Jeremy Hao: Frontend (user profile interface)

Jason Song: Backend (login information with advanced setting)

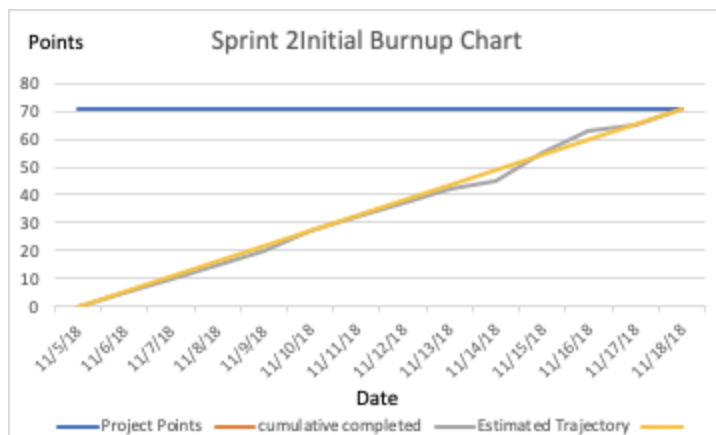
Leo Guo: Backend (search algorithm and google map api)

Michael Zhang: Backend (restaurants information)

Initial task assignment:

- Haofan Wang
 - 1a, 1b, 1c, 1d, 2c, 2d
- Jason Song
 - 3a, 3b
- Leo Guo
 - 4c, 4d
- Bingxue Ouyang
 - 1a, 1b, 1c, 1d, 2e
- Jeremy Hao
 - 2a, 2b
- Michael Zhang
 - 4a, 4b

Initial burnup chart:



Initial scrum board:

| | | |
|--------------------------|--|--|
| user stories | <ol style="list-style-type: none">1. As an interface developer, I need to watch Java for Android Studio tutorial to implement each button.2. As a frontend developer, I need to learn search view(search bar), image button(restaurants button) to make more abundant button choices.3. As a backend developer, I need to use Firebase to retrieve user information from the login page and advanced setting.4. As an app developer, I need to figure out how to implemented extracted data to each page. | |
| tasks not started | | |
| tasks in progress | <ol style="list-style-type: none">1. As an app developer, I need to figure out how to extract data from database in android studio.2. As an app developer, I need to figure out how | |

| | | |
|------------------------|---|--|
| | to implemented extracted data to each page. | |
| tasks completed | <ol style="list-style-type: none"> 1. As an frontend developer, I need to make every button functional as desired. 1. As a frontend developer, I need to use send Intent to connect all the Pages for this app. | |

Scrum times:

- Tuesday: 10 AM - 12 PM
- Thursday: 10 AM - 12 PM, 12 PM - 12:30 PM (meeting with TA)
- Sunday: 1PM - 5 PM