**CS490**

**Blitz**

**Sprint 3 Planning Document**

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**1. Sprint Overview**

(a) Discuss the overview of this sprint.

In this sprint, we will finish most of the features for this project. The first priority will be writing the location sorting algorithm in the server and drawing the rest of the pages on the IOS and Android. Also, complete the chatting service for ios mobile app. And if we have time, we will finish the recommendation feature of the project.

(b) Clearly state who the SCRUM master (team leader) is and briefly mention your scrum meeting schedules.

Scrum master: Hanchen Li

We plan to meet on Thursday each week. During the meeting, we will discuss the difficulties that we have met during programming and disadvantage of our design for the system that we can improve.

(c) Include risks or challenges for this sprint, if you have any.

The most challenging part of this sprint is that we need to test our project as comprehensively as possible. Since it has been a large project with multiple platforms, testing of interactions would be difficult to conduct. At the same time, we will also find out various and unpredictable bugs that we need to fix.

**2. Sprint Detail**

**(incompleted user stories from sprint 2)**

1. As a carpool provider/requester, I would like to initiate a chat with an existing service requester/provider by clicking the item.
2. iOS:
   * 1. Description: Implement a chatting services that provide one-to-one chatting.
     2. Work time: 20 hrs
     3. member: Zhicheng Zhou
3. As an user, I would like to receive notification when I get message from other users.
4. iOS:
5. Description: Implementing Push message
6. Work time: 5 hrs
7. Member: Jing Chang
8. As an user, I would like to have a listview on services requested/provided nearby.

a. Server

1. Description: Return the list of posts that are close to current user.
2. Work time: 11 hrs
3. Member: Zheng Chen
4. As an user, I want to have some recommend posts when I am trying to post similar request
   1. Server:
      1. Description: Implementing match function on the server side
      2. Work time: 15 hrs
      3. Member: Yuying Wang
5. As an user, I would like to see other people’s feedback scores.
   1. Server:
      1. Description: Implementing rating functions
      2. Work time: 5 hrs
      3. Member: Hanchen Li
6. As an user, I would like to sort the services provided by time/location.
7. Server
   * 1. Description: Design a filter for Posts by time/ location
     2. Work time: 10 hrs
     3. Member: Dingzhe Li
8. iOS:
   * 1. Description: Add a control to specify how to sort Posts (e.g. by time/ location)
     2. Work time: 5 hrs
     3. Member: Tianyang Yu
9. As an user, I want to give a feedback to provider/requester when the service is completed.
   1. Server:
      1. Description: Implementing API for leaving comment.
      2. Work time: 10 hrs
      3. member: Dingzhe Li

**User cases need to be implemented:**

***IOS:***

**General:**

1. As an user, I would like to provide service for existing requests.
   1. iOS:
      1. Description: Add a button to post’s detail page to let user response to a post by entering offered price and comments in pop-up window.
      2. Work time: 5 hrs
      3. Member: Jing Chang
2. As a carpool requester, I should be able to see a list of service provider who interested in providing the service, and the price they want.
   1. iOS:
      1. Description: Add a subview in the detail page of self-owned post to show the list of responses.
      2. Work time: 10 hrs
      3. Member: Tianyang Yu
3. As an user, I would like to select one from several service providers who respond to my request.
4. iOS:
   * 1. Description: Implement a view to let users select candidates.
     2. Work time: 5 hrs
     3. Member: Jing Chang

1. As an user, I would like to receive notification when my request get accepted.
   1. iOS:
      1. Description: Implement a notification when receive notification from server that indicates that user request has been accepted.
      2. Work time: 10 hrs
      3. Member: Jing Chang
2. As an user, I want to close my request / service at anytime.
   1. iOS:
      1. Description: Add a button in the post’s detail page to close the post.
      2. Work time: 2 hrs
      3. Member: Jing Chang
3. As an user, I want to check the satisfaction rating of service provider / requester.
   1. iOS:
      1. Description: Add the rating control to the post’s detail page.
      2. Work time: 2 hrs
      3. Member: Jing Chang
4. As an user, I would like to have a search box to search for certain request or service.
   1. iOS:
      1. Description: Add a search box in the main page to search the correlated post and reload the listview.
      2. Work time: 5 hrs
      3. Member: Jing Chang
5. As an user, I would like to have a in-progress list for services that is waiting to be responded.
   1. iOS:
      1. Description: Add a view that displays the in-progress list.
      2. Work time: 5 hrs
      3. Member: Tianyang Yu
6. As an user, I would like to have a history list for services that requested or provided before.
   1. iOS:
      1. Description: Add a view that displays the history list.
      2. Work time: 5 hrs
      3. Member: Tianyang Yu
7. As an user, I want to give a feedback to provider/requester when the service is completed.
   1. iOS:
      1. Description: Add a rating wedge for each request in the history list.
      2. Work time: 5 hrs
      3. Member: Tianyang Yu

**Food Discover**:

1. As a service requester, I would like to chat with the provider to a service by clicking the item.
   1. iOS:
      1. Description: Implement a one-to-one chatting service that support image transfer.
      2. Work time: 10 hrs
      3. Member: Zhicheng Zhou
2. As a service provider, I would like to create a new service by providing information about menu, food pictures, remaining quantity, location and hours.
   1. iOS:
      1. Description: Add sub-view in the create post page for the food discover post
      2. Work time: 5 hrs
      3. Member: Tianyang Yu

**House rental:**

1. As an user, I would like to see the pictures of the house.
   1. iOS:
      1. Description: Add a container to show the picture.
      2. Work time: 6hrs
      3. Member: Jing Chang
2. As an user, I want to be able to know things like whether there have wifi, air conditioner, refrigerator and etc.
   1. iOS:
      1. Description: Implement more checkboxes for different options upon creating.
      2. Work time: 3 hrs
      3. Member: Tianyang Yu
3. As an user, I would like to choose the check in date and check out date when I making an order.
   1. iOS:
      1. Description: Add two field that let user to choose the check in and check out date.
      2. Work time: 2 hrs
      3. Member: Tianyang Yu

**Other:**

1. As an user, I would like to post a request/provide in the “Other” category for the uncategorized service.
   1. iOS:
      1. Description: Add a category named “Other” and add a new post page for this kind of post.
      2. Work Time: 5 hrs
      3. Member: Zhicheng Zhou
2. As an user, I would like to see requested/provided service that other people post in the “Other” category
   1. iOS:
      1. Description: Add the “other” category in filter and category picker.
      2. Work Time: 5 hrs
      3. Member: Zhicheng Zhou

***Server:***

1. As an user, I would like to have a map view on services requested/provided nearby.
   1. Android:
      1. Description: Adding the location sorting functionality to our server.
      2. Work time: 15 hrs
      3. Member: Hanchen Li

***Android:***

1. As an user, it is great if the client can automatically match the request to people who are providing service the exact same service.
   1. Android:
      1. Description: Matching requests based on the keywords in the title.
      2. Work time: 5 hrs
      3. Member: Dingzhe Li
2. As an user, I would like to select one from several service providers who respond to my request.
   1. Android:
      1. Description: Implementing the accept option in the post detail page.
      2. Work time: 5 hrs
      3. Member: Dingzhe Li
3. As an user, I would like to receive notification when my request get accepted.
   1. Android:
      1. Description: Implementing the notification system to the application.
      2. Work time: 8 hrs
      3. Member: Zheng Chen
4. As an user, I want to close my request / service at anytime.
   1. Android:
      1. Description: Implementing the close option in the detail page.
      2. Work time: 2 hrs
      3. Member: Dingzhe Li
5. As an user, I want to check the satisfaction rating of service provider / requester.
   1. Android:
      1. Description: Implementing the rating feature for every user.
      2. Work time: 8 hrs
      3. Member:Zheng Chen
6. As an user, I would like to have a search box to search for certain request or service.
   1. Android:
      1. Description: Put a search box on the main page of the application, enable user to search posts by keyword.
      2. Work time: 8 hrs
      3. Member:Zheng Chen
7. As an user, I would like to have a history list for services that requested or provided before.
   1. Android:
      1. Description: Enable user to look up to their post history.
      2. Work time: 8 hrs
      3. Member: Dingzhe Li
8. As an user, I want to give a feedback to provider/requester when the service is completed.
   1. Android:
      1. Description: Enable user to rate and give feedback to the provider/requester when the service is completed
      2. Work time: 10 hrs
      3. Member: Hanchen Li
9. As an user, I want to find out the location in a map view when I opened the post detail page.
   1. Android:
      1. Description: Adding a map to the post detail page.
      2. Work time: 5 hrs
      3. Member: Zheng Chen
10. As an user, I would like to have a sidebar which will contains filters in it.
    1. Android:
       1. Description: Adding functionalities to the sidebar.
       2. Work time: 15 hrs
       3. Member: Yuying Wang

**Non-Functional Requirements:**

1. As an user, I would like to have a better styling of this whole project.
   1. Android:
      1. Description: Making this application looks prettier.
      2. Work time: 5 hrs
      3. Memeber: Yuying Wang
2. As an user, I would like to have a quicker responding time when searching for requests.
   1. Android:
      1. Description: Redesign the searching algorithm
      2. Work time: 5 hrs
      3. Member: Yuying Wang

**Total estimation of hours to work in the sprint :**

|  |  |
| --- | --- |
| **Name** | **Workload** |
| **Tianyang Yu** | **41** |
| **Zhicheng Zhou** | **40** |
| **Jing Chang** | **40** |
| **Dingzhe Li** | **42** |
| **Hanchen Li** | **41** |
| **Arthur(Zheng) Chen** | **40** |
| **Yuying Wang** | **40** |

**3. Backlog of tasks will not be finished in this sprint**

**iOS:**

**General:**

1. As an user, I want to have some recommend services when I am trying to post similar request

**Android:**

**Food Discovery:**

1. As a service requester, I would like to chat with the provider to a service by clicking the item.
2. As a service provider, I would like to create a new service by providing information about menu, food pictures, remaining quantity, location and hours.

**House Renting:**

1. As an user, I would like to see the pictures of the house.
2. As an user, I want to be able to know things like whether there have wifi, air conditioner, refrigerator and etc.
3. As an user, I would like to choose the check in date and check out date when I making an order.
4. As an user, I would like to post a request/provide in the “Other” category for the uncategorized service.
5. As an user, I would like to see requested/provided service that other people post in the “Other” category

**All:**

**Food Discovery:**

1. As an requester, I would like to have a online food ordering option.