Assignment Specifications

Keepfit

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<u>Section I</u>

Project Title: Assignment #6 – Sprint-2 (Keepfit)

Team Number: 32

Team Members:

1. Zhenyi Yang zhenyiya@usc.edu 2239204516
2. Yi Xu yxu70832@usc.edu 2969873928
3. Gloria Liu liuglori@usc.edu 5512683227
4. Peidi Xie cindyxie@usc.edu 4927833566
5. Kevin Lee klee3663@usc.edu 8101223380

<u>Section II</u>

Preface

Keepfit will be an iOS mobile application where customers will be taught to exercise at home and can share their own experience and help others to exercise as well.

Customers of Keepfit can register as users to log in to the mobile application. Once registered, Keepfit will set up a personal file for the user and user's information such as nickname, photos, exercise history can be publicly available to other users in the user's personal file page. Users can choose to join a live broadcast or watch exercise tutorial videos by their own. Users can also start a live stream themselves so that other users can join, and users can choose to follow or unfollow each other. Keepfit can also record the time of the user's exercises and the calorie user burnt during the exercise.

This document is intended for the Product Owner, Scrum Master, and members of our development team of the Keepfit Project.
Current Version of this Document: 1.0.
This document is created as a result of our Sprint Planning meetings with our Product Owner, Scrum Master, and members of our development team. It contains a Product Backlog which includes all the functionalities that are still missing in our current project based on our implementation in the Assignment-3 and Assignment-5 (Sprint-1). It also contains a Sprint-2 Backlog which includes the functionalities that we are supposed to come up with at the end of this Sprint-2.

<u>Section III</u>

Introduction

Keepfit responds to the growing need of at-home exercises during the COVID-19 pandemic. It will build a community for people who wish to keep fit while stuck at home. It will have help users with tracking and recording exercises as well as connecting to a greater community of "keepfitters".

Users can register an account and set up his or her individual personal profiles which contain information about the user's nickname, photos, exercise history and so on. Users will be able to see exercises as well as post their own. They can join exercises and sort the exercises in both forms of live broadcast and exercise tutorial videos. They can also see streams and start their own stream, follow and unfollow each other, and record the time of their exercises and the calories they burn.

Keepfit is similar to other exercise applications. Taking the "Keep" application as an example, both applications have functions such as user registration and authentication systems, personal profiles, customized exercise plan, exercise tutorial videos and live broadcast to join, recording of time of exercise and calorie being burnt, etc. Keep also enables users to post content and pictures and reply to each other's post which facilitates user interaction, whereas Keepfit enables users to start their own stream, which is a function absent in Keep.

Section IV

Product Backlog:

The "backlogged" functionalities that are not implemented in our project yet are presented as following (in comparison with the list of required functionalities specified in the Assignment-5 Assignment-6):

7. The user should be able to add videos into like / unlike lists and the liked videos should be shown in the personal interface.
10. The user should be able to click on an exercise choice to record the time and calorie accordingly. [Mostly completed, missing weight value, button-function call not linked up]
11. The user can follow / unfollow other users.
12. There is a history list for previous watched videos.
13. There is a history list for previous done exercises.
14. These two history lists can be cleaned by users.
15. There is a list in the personal interface storing videos that the user uploaded.
16. The user can delete what he / she has uploaded before.
17. There is another calendar interface.
18. The user's exercise history should be marked on the calendar.
19. The user can plan for exercise by clicking the date in the calendar.
20. There is a reminder for the upcoming exercise.
21. The videos and live streams should be shown by category.
22. There is a recommendation of the videos, i.e., the videos shown in the interface should base on the number of likes.
23. There is a search history list when you are searching.
24. The search can be done by category.

26. (1). The user can write some comments under each video and the comments are visible to other users, e.g., the comments under each video in YouTube.
27. (2). This comment functionality (available / unavailable) should be decided when the user is uploading the video.

28. (3). The user cannot upload extremely large video files. You should set a restriction on the file size and video length.

29. (4). Every time when the user logs in the app, there is a notification to suggest the user workout to do. The suggestion should be based on the user's previous workout. If there is no history workout. Then no need for the notification.

30. (5). Users can also search other users and it should not be mixed up with the videos, i.e., videos with the same tags as the users should not be shown when searching for users.

31. (6). Implement a specific interface for the workout sit-up. When users start the sit-up, the app should start the counting, e.g., showing numbers on screen, so that the user can follow its instructions. The app should decide when to stop this workout period.

32. (Non-functional 1) Endeavor to simplify our UI design to make for a coherent and consistent user-friendly experience.

33. (Optional 1). The app should be stable under a large number of users online. In another word, you should know the traffic capacity of your app.

Sprint-2 Backlog:

The list of "backlogged" functionalities we select to be implemented in sprint 1 is presented as following:

7. The user should be able to add videos into like / unlike lists and the liked videos should be shown in the personal interface.

11. The user can follow / unfollow other users.
12. There is a history list for previous watched videos.
13. There is a history list for previous done exercises.
14. These two history lists can be cleaned by users.
15. There is a list in the personal interface storing videos that the user uploaded.
16. The user can delete what he / she has uploaded before.
23. There is a search history list when you are searching.

26. (1). The user can write some comments under each video and the comments are visible to other users, e.g., the comments under each video in YouTube.
27. (2). This comment functionality (available / unavailable) should be decided when the user is uploading the video.

32. (Non-functional 1) Endeavor to simplify our UI design to make for a coherent and consistent user-friendly experience.
33. (Optional 1). The app should be stable under a large number of users online. In another word, you should know the traffic capacity of your app.

<u>Section IV</u>
Daily Scrums (you should have at least 10 of these)

Disclaimer: For the meeting locations, since we are in different time zones and countries, our team members have different preferences on their communication tools. We are using Zoom and Wechat as our primary communication tool. To accommodate different time zones, the below recorded time are the suggested timings for the meeting each day, while the communication between team members often do not take place strictly within the time window provided below, and sometimes the team might not be able to meet as a whole. When the whole team is unable to meet, we use this as a tool to keep everyone on the same page by recording their separate contributions below.

1. Apr 19 (Mon)
   a. Meeting start time and end time: 10:00 AM - 10:15 AM (Beijing Time)
   b. Location: Zoom/Wechat
   c. Team Members:
   Zhenyi:
   - **Q: What did I do yesterday that helped the team meet the Sprint goal?**
   - A: None
   - **Q: What will I do today to help the team meet the Sprint goal?**
   - A: I will go through all the sprint 2 backlog to make sure I understand the requirements without any confusion.
   - **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
   - A: Nope

   Yi:
   - **Q: What did I do yesterday that helped the team meet the Sprint goal?**
   - A: None
   - **Q: What will I do today to help the team meet the Sprint goal?**
   - A: Took a look at the updated requirements for our project.
   - **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
   - A: As always, time concerns. We all have a lot assignment from other classes.

   Peidi:
   - **Q: What did I do yesterday that helped the team meet the Sprint goal?**
   - A:
   - **Q: What will I do today to help the team meet the Sprint goal?**
   - A:

- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A:

Gloria:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A: None
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: None
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A: Work for other classes

Kevin:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A: Layed out groundwork of what will be realistically accomplishable in the next coming days.
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: Prepping final delivrable
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A: Time maganagement.

2. Apr 20 (Thu)
    a. Meeting start time and end time: 10:00 AM - 10:15 AM (Beijing Time)
    b. Location: Zoom/Wechat
    c. Team Members:
    Zhenyi:
    - **Q: What did I do yesterday that helped the team meet the Sprint goal?**
    - A: I went through all the sprint 2 backlog to make sure I understand the requirements without any confusion.
    - **Q: What will I do today to help the team meet the Sprint goal?**
    - A: I will pick from our sprint 2 backlog a functional requirement that I'm going to work on. I need to make sure that no one else is working on it so far. Also, it is ready to be completed. That is, all its prerequisites are satisfied.
    - **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
    - A: Even though we have plenty of time right now, I feel like we also have a lot of stuff to do. If we don't work together closely, I'm afraid we can't finish all the requirements.

    Yi:
    - **Q: What did I do yesterday that helped the team meet the Sprint goal?**

- A: Familiarize myself with the updated requirements.
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: Learn how to upload video in swift.
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A: As always, time concerns. We all have a lot of assignments from other classes.

Peidi:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A:
- **Q: What will I do today to help the team meet the Sprint goal?**
- A:
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A:

Gloria:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A: None
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: Try to figure out exercisedetailviewcontroller
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A: Interview assignment due date, Xcode and Xcode simulator failures/bugs/unknown errors with the simulator

Kevin:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A: Further granilurized the plan for final deliverable
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: Do final planning and start working on task
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A:Time maganagement.
-

3. Apr 21 (Wed)
   a. Meeting start time and end time: 10:00 AM - 10:15 AM (Beijing Time)
   b. Location: Zoom/Wechat
   c. Team Members:
      Zhenyi:
      - **Q: What did I do yesterday that helped the team meet the Sprint goal?**

- A: I decided to work on videos uploading functionality. It's required, and it's the prerequisite for many other requirements.
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: I will start to learn how to implement the videos uploading functionality. I need to first learn how to work with Firebase Storage, specifically in terms of uploading videos.
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A: As the functionalities I'm implementing become more and more difficult and specific, I found that there are fewer tutorials for me to learn with. Also, the tutorials are less relevant (i.e. It's not exactly what I want to implement, I need to watch several of them deeply and get a deep understanding so that I can write it out.)

Yi:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A: Watched some tutorials on how to upload videos.
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: Continue learning how to implement uploading videos.
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A: As always, time concerns. We all have a lot of assignments from other classes.

Peidi:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A:
- **Q: What will I do today to help the team meet the Sprint goal?**
- A:
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A:

Gloria:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A: Tried to figure out exercisedetailviewcontroller
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: Figure out user profile
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A: Interview assignment due date

Kevin:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**

- A: Studied on how to implement workout interface
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: Research and take plan of action of how to implement the interface of task #6
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A:Time maganagement.
-

4. Apr 22 (Thu)
   a. Meeting start time and end time: 10:00 AM - 10:15 AM (Beijing Time)
   b. Location: Zoom/Wechat
   c. Team Members:

   Zhenyi:
   - **Q: What did I do yesterday that helped the team meet the Sprint goal?**
   - A: I watched several tutorials in terms of the Firebase Storage. But still I'm not confident about it. I think I need to watch more.
   - **Q: What will I do today to help the team meet the Sprint goal?**
   - A: Watch more tutorials about uploading videos to firebase Storage using Swift.
   - **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
   - A: The thing is many tutorials are out-of-date! Even though they are great to watch, they are hard to mimic. For example, it's Swift 5 now, while good tutorials are in Swift 3.

   Yi:
   - **Q: What did I do yesterday that helped the team meet the Sprint goal?**
   - A: Watch some other tutorials as well as read some documentation on Firebase.
   - **Q: What will I do today to help the team meet the Sprint goal?**
   - A: Study for another class.
   - **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
   - A: As always, time concerns. We all have a lot of assignments from other classes.

   Peidi:
   - **Q: What did I do yesterday that helped the team meet the Sprint goal?**
   - A:
   - **Q: What will I do today to help the team meet the Sprint goal?**
   - A:
   - **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**

- A:

Gloria:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A: Checked out user profile
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: None
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A: Interview assignment due date

Kevin:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A: Not much- been busy with other school work
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: Over the weekend, I will start writing code for the workout portion fo the project
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A:Time maganagement.
-

5. Apr 23 (Fri)
   a. Meeting start time and end time: 10:00 AM - 10:15 AM (Beijing Time)
   b. Location: Zoom/Wechat
   c. Team Members:
   Zhenyi:
   - **Q: What did I do yesterday that helped the team meet the Sprint goal?**
   - A: Watched more tutorials about uploading videos to firebase Storage using Swift.
   - **Q: What will I do today to help the team meet the Sprint goal?**
   - A: I will start to implement the video uploading functionality.
   - **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
   - A: The last time I did iOS development was a week ago. I feel like I'm getting a bit unfamiliar with iOS dev.
   Yi:
   - **Q: What did I do yesterday that helped the team meet the Sprint goal?**
   - A: I had to study for other classes.
   - **Q: What will I do today to help the team meet the Sprint goal?**
   - A: Continue learning how to implement uploading videos.
   - **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**

- A: As always, time concerns. We all have a lot of assignments from other classes.

Peidi:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A:
- **Q: What will I do today to help the team meet the Sprint goal?**
- A:
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A:

Gloria:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A: None
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: Check out how to use and access user profile
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A: Project due date

Kevin:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A:
- **Q: What will I do today to help the team meet the Sprint goal?**
- A:
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A:Time maganagement.
-

6. Apr 26 (Mon)
   a. Meeting start time and end time: 10:00 AM - 10:15 AM (Beijing Time)
   b. Location: Zoom/Wechat
   c. Team Members:
   Zhenyi:
   - **Q: What did I do yesterday that helped the team meet the Sprint goal?**
   - A: Actually, I didn't implement the video uploading functionality today. As I mentioned yesterday, I need some recap in terms of iOS development before I jump into coding. And that's what I did yesterday. I went through about 50% of the code we have so far to get a recap.
   - **Q: What will I do today to help the team meet the Sprint goal?**

- A: I will start to implement the video uploading functionality.
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A: Nope. Let's roll.

Yi:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A: Continue learning how to implement uploading videos.
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: Demo assignment 5 to our grader.
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A: As always, time concerns. We all have a lot assignment from other classes.

Peidi:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A:
- **Q: What will I do today to help the team meet the Sprint goal?**
- A:
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A:

Gloria:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A: None
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: Use profile data to complete calculations in exercisedetailview
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A: Project, lab due date

Kevin:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A: Continued to try to implement to improve workout interface
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: Will continue to work on workout interface
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A:Time maganagement. With so much work from other classes, it is difficult to learn, implement, and test.

7. Apr 27 (Tue)
    a. Meeting start time and end time: 10:00 AM - 10:15 AM (Beijing Time)
    b. Location: Zoom/Wechat
    c. Team Members:

Zhenyi:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A: I'm almost there!!! I did the frontend part, the storyboard. I also did most of the backend logic in the viewcontroller. But I don't know why it doesn't work as expected. There are bugs. I failed at clicking upload.
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: I will try to kill that bug today.
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A: Yes... I did lots of research yesterday yet I didn't figure out what went wrong. I hope I can get it today.

Yi:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A: Demoed assignment 5 to our grader.
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: I plan to study for Midterm 2 of CSCI 310.
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A: As always, time concerns. We all have a lot assignment from other classes.

Peidi:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A:
- **Q: What will I do today to help the team meet the Sprint goal?**
- A:
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A:

Gloria:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A: Work on calculations in exercisedetailview
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: Work on user profile and completing calculations
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A: Project, lab, essay due date, exam

Kevin:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A: Continued to work on the workout interface of the sit up.
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: Work out the kinks within the sit up feature.
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A:Time maganagement.
-

8. Apr 28 (Wed)
   a. Meeting start time and end time: 10:00 AM - 10:15 AM (Beijing Time)
   b. Location: Zoom/Wechat
   c. Team Members:

   Zhenyi:
   - **Q: What did I do yesterday that helped the team meet the Sprint goal?**
   - A: BAM!!! Successfully implemented video uploading functionalities. Now we can pick a video, and click "Upload This Video" to upload. Then we can see it on our firebase Backend.
   - **Q: What will I do today to help the team meet the Sprint goal?**
   - A: I will finish up with this functionality a bit. There are things needed to be improved.
   - **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
   - A: Nope.

   Yi:
   - **Q: What did I do yesterday that helped the team meet the Sprint goal?**
   - A: Studied for MT2.
   - **Q: What will I do today to help the team meet the Sprint goal?**
   - A: Made some improvements to the UI. Added UI elements of uploading videos.
   - **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
   - A: As always, time concerns. We all have a lot assignment from other classes.

   Peidi:
   - **Q: What did I do yesterday that helped the team meet the Sprint goal?**
   - A:
   - **Q: What will I do today to help the team meet the Sprint goal?**
   - A:

- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A:

Gloria:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A: Worked on user profile and completing calculations
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: None
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A: Lab, exam, essay due date

Kevin:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A:
- **Q: What will I do today to help the team meet the Sprint goal?**
- A:
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A:Time maganagement.
-

9. Apr 29 (Thu)
   a. Meeting start time and end time: 10:00 AM - 10:15 AM (Beijing Time)
   b. Location: Zoom/Wechat
   c. Team Members:
   Zhenyi:
   - **Q: What did I do yesterday that helped the team meet the Sprint goal?**
   - A: I organized the backend video structure. Now, besides the link, we also have a title for each video. Frontend is updated along with it as well. A text field for Title.
   - **Q: What will I do today to help the team meet the Sprint goal?**
   - A: I need a break ... No I can't. MT2 is waiting for me.
   - **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
   - A: Yes. MT2.

   Yi:
   - **Q: What did I do yesterday that helped the team meet the Sprint goal?**
   - A: Made some improvements to the UI. Added UI elements of uploading videos.
   - **Q: What will I do today to help the team meet the Sprint goal?**

- A: Take midterm 2.
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A: As always, time concerns. We all have a lot assignment from other classes.

Peidi:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A:
- **Q: What will I do today to help the team meet the Sprint goal?**
- A:
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A:

Gloria:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A: None
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: None
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A: Exam, essay due date

Kevin:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A: Continued to work on the sit up feature.
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: Document and prepare for final deliverable
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A:Time maganagement.
-

10. Apr 30 (Fri)
   a. Meeting start time and end time: 10:00 AM - 10:15 AM (Beijing Time)
   b. Location: Zoom/Wechat
   c. Team Members:
   Zhenyi:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A: Took MT2
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: Completed final documentation for sprint 2.

- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A: Time concern. There isn't time left for implementing other requirements.

Yi:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A: Took MT2.
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: Completed final documentation for sprint 2.
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A: As always, time concerns. We all have a lot of assignments from other classes.

Peidi:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A:
- **Q: What will I do today to help the team meet the Sprint goal?**
- A:
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A:

Gloria:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A: None
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: None
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A: WRIT class final essay due date

Kevin:
- **Q: What did I do yesterday that helped the team meet the Sprint goal?**
- A: Document and prepare for final deliverable
- **Q: What will I do today to help the team meet the Sprint goal?**
- A: Document and prepare for final deliverable
- **Q: Do I see any impediment that prevents me or the team from meeting the Sprint goal?**
- A:Time maganagement.

<u>Section V</u>
Sprint Review

Citation Disclaimer: We cited from the sprint 1 document because some of the analysis and review are in fact similar.

Date: Apr 30 (Fri)
    a. Meeting start time and end time: 10:00 AM - 11:00 AM (Beijing Time)
    b. Location: Wechat Group
    c. Meeting summary

  i.   What has been done?
  -    According to the Sprint-2 Backlog from our intermediate deliverable of Sprint-2 (Section VI), we have finished the following requirements:
            -    #5

  ii.   What was planned but wasn't completed?
  -    Functionality #7, #10, #11, #15, #16, #21, #22, #24 (Refer to the Sprint-1(Section VI))

  iii. Why?
  -    We did not plan our development process well enough, and we ran out of time in the end to finish many of the planned features.
  -    We are also facing the difficulty that our members are in different time zones so it's a little bit harder for us to communicate with each other. Messages and responses could be delayed.
  -    Another very important reason is that we are now close to the end of the semester and each member has many other classes that require a lot of time and energy as well. Since we are taking 4 to 5 classes in the semester as full-time students rather than taking full-time software engineering jobs, we cannot really perfectly mimic an industrial sprint.

  iv.   What went well during the Sprint?
  -    Version control went very well. We were able to solve merge conflicts along the way and integrate the code from different team members.
  -    Time management, in terms of delivering the sprint, was a relative success since we did not use a late day.

  v.   What could be improved in the next Sprint?
  -    We should plan ahead of everyone's workload from other classes, and more clearly define the responsibilities of each team member.
  -    We should improve our communication between team members. As noted before, the daily scrum record is sometimes only used as a tool for team members to post updates. We should meet as a team more often in the next scrum.
  -    Some team members should familiarize themselves with the existing codebase. Meanwhile, we should make more "comments" in the code so that the code is more readable.

- Increase the amount of pair programming so that we can be more efficient in implementing functions that tie the frontend to the backend, which requires integrating different technical skills.