Sprint 3 Plan
Product Name: Woo
Team name: Woo
Sprint completion date: 11/17/19
Revision number: 1
Revision date: 11/12/19

Sprint 3 Plan

Goal:
The goal of sprint 3 is to implement appointment system and medical record system.

Task Listing:
- **As a receptionist, I want to be able to see patient's basic information and appointment request so that I can help him/her to schedule.**
    - Estimated story points: 8
    - Designing view UI of full appointment page using calendar api (**Adam**)
        - Time estimate: 3 hours
    - Designing view UI of request page (**Howard**)
        - Time estimate: 3 hours
    - Create a search function for users(Full appointment page)
        - Time estimate : 3 hours (**Adam**)
    - Improve the appointment request page, so that it shows a list of available time for different departments/doctors
        - Time estimate: 5 hours(**Howard**)
    - Have an "inbox" tab of requests and when opening requests, accept or reject them. If accepted, add to database (request page)
        - Time estimate: 4 hours (**Zhaoheng**)
    - Create search function on calendar to see certain users events (Full appointment page)
        - Time estimate: 3 hours(**Adam**)
- **As a receptionist, I want to be able to schedule an appointment manually so that I can make an appointment for someone who is not using mobile app and update the information in appointment system for all users.**
    - Estimated story points: 8
    - Set up appointment creation page/form (**Adam**)
        - Time estimate: 4 hours

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- ○ SPIKE: Using calendar api (**Adam**)
  - ■ Time estimate: 3 hours

- **As a user, I want to be able to cancel or rearrange my appointments so I can be flexible**
  - ○ Estimated story points: 5
  - ○ Design cancel button (**Zhaoheng**)
    - ■ Time estimate: 2 hours
  - ○ Design rearrange UI (**Howard**)
    - ■ Time estimate: 2 hours
  - ○ Update the information in database and have receptionist be notified. (**Zhaoheng**)
    - ■ Time estimate: 2 hours

- **As a patient, I want to be able to check my medical records for my own personal use.**
  - ○ Estimated story points: 8
  - ○ Create a block inside profile page that linked to medical record page (**Zhaoheng**)
    - ■ Time estimate: 2 hours
  - ○ Set up the database by creating a new collection called "history" for each user (**Vineet**)
    - ■ Time estimate: 2 hours
  - ○ Design the medical record page with detailed information including date, location, doctor's name, brief description and prescription information (**Vineet**)
    - ■ Time estimate: 2 hours

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- **As a doctor, I want to be able to check the patient's medical records so that I can know if there is any information that is valuable.**
  - Estimated story points: 8
  - Check the permission of user before link to another page(**Howard**)
    - Time estimate: 2 hours
  - Link to different patient's medical records when clicking on the upcoming appointment in medical homepage (**Zhaoheng**)
    - Time estimate: 2 hours
- **As a doctor, I want to be able to write the patient's medical records so that the patient's medical records can be updated officially by a doctor.**
  - Estimated story points: 8
  - Check permissions of user before they can edit the records (**Andrew**)
    - Time estimate: 1 hours
  - Change the data and hit submit (Text input + button) (**Andrew**)
    - Time estimate: 2 hours
  - Have the change be stored in firebase (**Andrew**)
    - Time estimate: 2 hours

Team roles:
Zhaoheng Chen (Jeffrey): Product Owner {Developer}
Andrew Hartwell: Scrum Master {Developer}
Howard Ng: Developer
Vineet Ramareddi: Developer
Adam Askari: Developer

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Backlog:

- **As a doctor, I want to restrict patients' ability to write their medical records by themselves.**
    - Estimated story points: 5

- **As a patient, I want to make sure my medical records are only available to my doctor.**
    - Estimated story points: 5

Initial task assignment:
Each task is assigned to the following member in task list.

Initial burnup chart:

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Sprint 3 Burnup Chart