

Release name: Official_0.1

Release date: 12/1/19

Revision number: 3

Revision date: 10/14/19

Document name: Release Plan

Product name: Woo

Team name: Woo Team

High level goals:

Woo is a mobile application that builds a platform between patients and hospital, simplifying the tedious process for patients and reducing the workload for medical staff.

On the **patients' end**, we provide:

1. User profile system for patients
2. Online appointment scheduling and reminder system
3. Digital medical-record
4. Digital prescription (read only)
5. Medication reminder and health tracker

On the **medical staff end (receptionists, nurses and doctors)**, we provide:

Permission level: P1:receptionists < P2:nurses < P3:doctors

1. User profile system for medical staff (P1, P2, P3)
2. Online appointment checking and scheduling system (P1)
3. Medical record management system (P2, P3)
4. Online prescription system (P3)

User stories for release:

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- **Sprint 1**

- **As a developer, I want to be familiar with the frameworks I choose so that I know what I have to work with when writing new features.**
 - Estimated story points: 5
- **As a user, I want to choose my account type so that I can sign up or sign in as a patient or as a medical staff**
 - Estimated story points: 5
- **As a user, I want to have a forgot password button so that I can reset my password**
 - Estimated story points: 2
- **As an administration, I want to manage permission to the medical staff account so that I can give or remove permission of medical staff account.**
 - Estimated story points: 3
- **As a user, I want to have access to the main menu so that I can see my options**
 - Estimated story points: 2

- **Sprint 2**

- **As a patient , I want to have a profile that displays my basic information so that I don't have to re-input it whenever I schedule an appointment**
 - Estimated story points: 5
- **As a patient, I want to be able to schedule my appointments**

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- Estimated story points: 8

- **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

- **As a patient, I want to be able to check in automatically and easily.**

- Estimated story points: 5

- **As a user, I want to be able to cancel or rearrange my appointments so I can be flexible**

- Estimated story points: 5

- **Sprint 3**

- **As a patient, I want to be able to check my medical records for my own personal use.**

- Estimated story points: 8

- **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

- **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

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- **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
- **Sprint 4**
 - **As a doctor, I want to be able to write the prescriptions so that patients can have the prescriptions list.**
 - Estimated story points: 8
 - **As a user, I want to be able to see my prescription list so that I can pick them up at a pharmacy.**
 - Estimated story points: 8
 - **As a patient, I want a way to give myself medical reminders so I can remember my needs.**
 - Estimated story points: 5
 - **As a patient, I want a way to track my health so that I can see if there are trends in my health history**
 - Estimated story points: 8

Product backlog:

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- As a doctor, I would like some professional tool like IHD(Intracranial Hemorrhage Detection) by neural network so that the accuracy of my judgement can be increased.
- As a user I would like to communicate with my doctor via messaging/video chat.