

Sprint Planning Meeting Minutes: Sprint 1

Project: **FIU Doctor Booking System**

Attendees: Mohammad Kazmi, Jason Eduardo Kildare, Abel Aguilera, Wenjia Wang (PO)

Start time: 9:00 AM

End time: 9:30 AM

After discussion, the velocity of the team was estimated to be **60 hours for the team**.

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority.

- **User Story #1:** As developers, we want to familiarize ourselves with the source code and the resources for a MERN-based application so that the application can be improved and refined.
- **User Story #2:** As developers, we want to set-up the development environment and connect the application to the database, so that a working application can be tested.
- **User Story #3:** As developers, we want to identify bugs and issues in the source code and working application so that we can develop an efficient and user-friendly application.
- **User Story #4:** As a developer, I want to create an option for user registration so that the users should choose whether they are registering as a patient or as a doctor.
- **User Story #5:** Appointments are able to be made in the past. As a developer, I want to create a function so that patients are only able to make appointments in the future or on the same day.
- **User Story #6:** As a developer, I want to fix the appointment scheduling response, as appointments should be scheduled only within the timeframe of the availability of the doctor and not all the time, so that users get appointments during appropriate times.
- **User Story #7:** As a developer, I want to create a function so that the admin account has the ability to delete a user account or a doctor account if that doctor wishes to leave.
- **User Story #8:** As a developer, I want to create a profile update option for the users so that users have the ability to update their profile information such as their name, phone number, email address.
- **User Story #9:** As a developer, I want to create and display a section for a small description about the specialization/expertise of the doctor, so that patients can book appointments according to their medical needs.

- **User Story #10:** As a developer, I want to create a search option for the user so that the user can search by the specific specialization of the doctor according to their needs.
- **User Story #11:** As a developer, I want to create a records function for the doctor, so that he/she can provide the patient with a summary of the appointment and precautionary measures they might need to take, so that the patient has an updated record.
- **User Story #12:** As a developer, I want to allow the users to update or the doctors to reschedule appointments with a patient and notify the patient, so that a smooth communication between the patient and doctor is established.
- **User Story #13:** As a developer, I want to implement Two-Factor Authentication for both Users and the Doctors, so that they can be verified and no unauthorized access is allowed to the application.
- **User Story #14:** As a developer, I want to implement a “strong password” feature for the login page so that the security and privacy standards of the web application are maintained.
- **User Story #15:** As a developer, I want to create a “Health Tips” page which shows interesting medical tips and suggestions to patients so that the web application is user-friendly and engaging.

The team members indicated their willingness to work on the following user stories.

- **Mohammad Kazmi**
 - **User Story #1:** As developers, we want to familiarize ourselves with the source code and the resources for a MERN-based application so that the application can be improved and refined.
 - **User Story #6:** As a developer, I want to fix the appointment scheduling response, as appointments should be scheduled only within the timeframe of the availability of the doctor and not all the time, so that users get appointments during appropriate times.
 - **User Story #7:** As a developer, I want to create a function so that the admin account has the ability to delete a user account or a doctor account if that doctor wishes to leave.
 - **User Story #9:** As a developer, I want to create and display a section for a small description about the specialization/expertise of the doctor, so that patients can book appointments according to their medical needs.
 - **User Story #11:** As a developer, I want to create a records function for the doctor, so that he/she can provide the patient with a summary of the appointment and precautionary measures they might need to take, so that the patient has an updated record.

- **Jason Eduardo Kildare**
 - **User Story #3:** As developers, we want to identify bugs and issues in the source code and working application so that we can develop an efficient and user-friendly application.
 - **User Story#5:** As a developer, I want to create a function so that patients are only able to make appointments in the future or on the same day.
 - **User Story#12:** As a developer, I want to allow the users to update or the doctors to reschedule appointments with a patient and notify the patient, so that a smooth communication between the patient and doctor is established.
 - **User Story#13:** As a developer, I want to implement Two-Factor Authentication for both Users and the Doctors, so that they can be verified and no unauthorized access is allowed to the application.
 - **User Story#15:** As a developer, I want to create a “Health Tips” page which shows interesting medical tips and suggestions to patients so that the web application is user-friendly and engaging.
- **Abel Aguilera**
 - **User Story #2:** As developers, we want to set-up the development environment and connect the application to the database, so that a working application can be tested.
 - **User Story #4:** As a developer, I want to create an option for user registration so that the users should choose whether they are registering as a patient or as a doctor.
 - **User Story #14:** As a developer, I want to implement a “strong password” feature for the login page so that the security and privacy standards of the web application are maintained.
 - **User Story #10:** As a developer, I want to create a search option for the user so that the user can search by the specific specialization of the doctor according to their needs.
 - **User Story #8:** As a developer, I want to create a profile update option for the users so that users have the ability to update their profile information such as their name, phone number, email address.