***Appointment Use Case***

***1. Brief Description***

This use case enables the patient to book or schedule an online appointment with a doctor of his choice.

***2. Actors***

2.1 Patient

***3. Preconditions***

The actors should have successfully logged themselves in the hospital system.

***4. Basic Flow of Events***

1. The actor selects a doctor of his choice.

2. The actor then selects a date and time of his choice.

3. The cost of the session is displayed.

4. An appointment is booked.

5. The database is updated.

6. The use case ends successfully.

***5. Alternative Flows***

5.1 In step 1, if the doctor of his choice is not available, then

1. The patient may select another doctor.

2. The use case resumes at step 1.

5.2 In step 2, if the suggested date or time is not suitable for the patient, then

1. The patient selects another date or time.

2. The use case resumes at step 2.

5.3 In step 3, if the patient doesn’t agree with cost of the appointment, then

1. The patient may opt out from the appointment process.

2. The use case ends.

5.4 In step 5, while performing the operation, if there is any error while updating, then

1. The error is made known and the details are re-entered.

2. The use case resumes at step 5.

***6 Post-conditions***

6.1 Successful Completion

An appointment has been successfully booked by the patient.