

Struggling Developers – Room Booking System

Iteration 2

Use Case Definition – Long Form

Who is the primary actor, the secondary actor (s)?

The primary actor for iteration 2 is the User (Faculty/Student). The secondary actor is Admin.

What are the actor's goals?

The actor – User's goals are to create a booking and generate a confirmation document and view their past and current bookings on a calendar.

The actor – Admin's goal is to block specific rooms from the users for certain purposes such as maintenance.

What preconditions should exist before the story begins?

The users (Student/Faculty) should have a profile in the system to be able to access any of the features. For an actor to be able to block some rooms from getting booked, the actor should be logged in as Admin.

What main tasks or functions are performed by the actor?

The actor – User can create bookings and generate confirmation document and view their past bookings in a calendar format.

The actor – Admin blocks rooms for purposes such as maintenance, etc. so that none of the users can book those rooms as they would not be in usable condition.

What extensions might be considered as the story is described?

Other than booking rooms, a user (student/faculty) can view their past and present bookings as well as download a confirmation for their reference.

The admin can block certain rooms (no other actors).

What variations in the actor's interaction are possible?

A logged in user can directly book a room, or view details of rooms before booking, filter rooms based on equipment before booking, view all their bookings till current date.

What system information will the actor acquire, produce, or change?

The actor – User can acquire all their past booking records.

The actor – Admin can change booking availability of a certain room.

Will the actor have to inform the system about changes in the external environment?

Not for iteration 2 features.

What information does the actor desire from the system?

The actor – User desires to see which rooms have been booked in the past by them, book a room and generate a confirmation of their new booking.

Does the actor wish to be informed about unexpected changes?

Not applicable for iteration 2.

Use Case diagram:

