Struggling Developers – Room Booking System

Iteration 3

Use Case Definition – Long Form

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

The primary actor for iteration 3 is the User (Faculty/Student). The secondary actor is Admin.

What are the actor's goals?

The actor – User's goals are to be able to view how different types of rooms look like, use an option to receive booking confirmation email, and to send feedback/messages through the system.

The actor – Admin's goal is to view feedback messages received from faculty/student.

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 view messages from users, the actor should be logged in as Admin.

What main tasks or functions are performed by the actor?

The actor – User can view room options, opt for email confirmation email or send feedback.

The actor – Admin views messages from users.

What extensions might be considered as the story is described?

Other than booking rooms, a user (student/faculty) can view how certain room types look like, and drop messages for feedback or specific requests about the room.

The admin can view messages sent by users (no other actors).

What variations in the actor's interaction are possible?

A logged in user can directly book a room, or view rooms first to get a better idea of what the room of their interest looks like and then make a booking request. The user can either choose to generate a confirmation email, or just view the confirmation on the webpage and save it as a pdf directly.

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

The actor – User can access pictures of types of rooms available on the webpage and can acquire confirmation email.

The actor – Admin can acquire messages sent by users.

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

In case of changes in the physical layout of a room, the admin may have to update pictures of the room available on the webpage.

What information does the actor desire from the system?

The actor – User desires to see how different types of rooms look like (including seating arrangement, etc), get a confirmation email if they opt for it. The user also desires the system to accept any feedback/messages sent.

Does the actor wish to be informed about unexpected changes?

In case of changes in the physical layout of a room, the user (student/faculty) would wish to know about it.

Use Case diagram:

Iteration 3 Use Case Diagram: Room Booking System

Room Booking System

Browse through rooms to get a glimpse of how they look like

Confirm email id and choose option to get confirmation email of booking

Send feedback /message about issues/concerns

View messages sent by users

User (Student /Faculty)

Admin