

Case - Book a room

- Use case: Book a room
- Level: User goal
- Primary actor: Staff who is currently using the system
- Scope: User books the room in the specific timeslot
- Stakeholders:
 - Staff: Specify the room and the timeslot
- Preconditions:
 - The staff should be an authorized user (logged-in).
- Success Guarantee:
 - The system will receive the booking request. If the booking is successfully done, the system will record the booking and others will not be able to book the timeslot again.
- Main Success Scenario:
 1. User can view the available timeslot for each room that matches the search filter.
 2. User can select the room and timeslot from the available timeslot list.
 3. The system should display the total number of selected new bookings and the total number of bookings (total number of selected new bookings + total number of current bookings).
 4. If the total number of bookings is smaller or equal to 5, the user will be able to book the room by clicking the <Book> button.
 5. System will create a book record.
 6. The booked room at that particular timeslot will not be available in the later search.
 7. The total number of bookings and the booking records will be updated accordingly.
- Extensions:
 1. If the total number of bookings is greater than 5
 - (a) The system will reject the booking and alert the user.
 - (b) The user needs to remove some of the selections to satisfy the booking limit.
 2. If there is no available timeslot on that date
 - (a) The process could not continue.
 - (b) User should search for another date for booking.