

Title: Room Allocation

As a hall provost, I want to be able to allocate rooms for students, So that I can efficiently manage the hall's room occupancy.

Acceptance Criteria:

1. Access Room Occupancy Status:
As a student, I want to access the hall management system to view the current room occupancy status along with their types (e.g., general, challenged).
2. Real-time Room Availability Updates:
The system should provide real-time updates on room availability to avoid double allocations.
3. Update Student's Record:
After allocation, the system should update the student's record with the assigned room details.
4. Trigger Notifications:
The room allocation process should trigger notifications to relevant hall staff.

Success:

- Upon successful room allocation, a confirmation message should be displayed, indicating the assigned room details for the student.
- The student's status should be updated to "Allotted" reflecting the successful room allocation.

Failure:

- If there are issues accessing the room information, an error message should guide user on corrective actions.
- If there are technical issues during the allocation process, the system should provide an error message.