

Title: Allocate Hall for Student

As a hall administrator, I want to efficiently allocate halls to students in the Hall Management System, ensuring that each student is assigned to an appropriate hall based on their preferences and availability.

Acceptance Criteria:

1. **Scenario:** Accessing the system.

Given: I am logged into the Hall Management System.

When: I navigate to the "Allocate Hall" section.

Then: The system provides a user-friendly interface for selecting a student and allocating a hall.

2. **Scenario:** Selecting a student.

Given: I am on the "Allocate Hall" page.

When: I can search and select a student from the list.

Then: The system displays the student's current details, such as name, student ID, and any existing hall assignment.

3. **Scenario:** Allocating a hall.

Given: A student is selected.

When: I choose to allocate a hall.

Then: The system displays a list of available halls, including their current occupancy status and amenities.

4. **Scenario:** Confirming hall allocation.

Given: Hall availability is confirmed.

When: I select an available hall for the student.

Then: The system updates the student's record with the allocated hall information.

5. **Scenario:** Handling errors.

Given: Incorrect or incomplete information is entered.

When: I attempt to allocate a hall.

Then: The system provides clear error messages indicating the fields that need correction.

Success:

1. Given: I am on the "Allocate Hall" page.

When: I search and select a student from the list.

Then: The system displays the student's current details, allowing me to proceed with hall allocation.

2. Given: A student is selected.

When: I choose to allocate a hall.

Then: The system displays a list of available halls, and I select an appropriate hall for the student based on preferences and availability.

Failure:

1. Given: A student is selected.

When: I choose to allocate a hall, but the system encounters an error when retrieving available halls.

Then: The system fails to display the list of available halls, indicating a technical issue