## **Use Case Title:**

**Separate Students from Hostel**

## **Objective:**

Allow admin to view students associated with a specific hostel and session, and separate selected students via a checkbox-enabled list.

## **Primary Actor:**

**Admin** (Office/Hostel Department Staff)

## **Preconditions:**

* At least one student must be admitted to the selected hostel for the given academic session.
* Hostel master data and associated **Balance Sheet** configurations must be set up and active in the system.
* User must have valid permissions to access and perform student separation actions in the hostel module.

## **Basic Flow (Main Success Scenario):**

1. **Admin navigates** to:

**ERP → Establishment → Hostel Module → Utility → Separation of Students**

1. Admin selects the following filters:  
   * **Session** (Dropdown) – Active academic session
   * **Hostel Name** (Dropdown) – Target hostel
   * **Balance Sheet** (Dropdown) – Relevant accounting ledger
2. Admin clicks the **SHOW** button.
3. System fetches and displays a list of hostel-admitted students matching the criteria, with the following columns:  
   * **Select (Checkbox)** (with "Select All" master checkbox)
   * **Sr. No.**
   * **Student PRN**
   * **Student Name**
   * **Hostel Type** (e.g., Boys, Girls, Staff)
   * **Separation Date** (Editable per student)
4. Admin performs one of the following:  
   * Selects individual checkboxes next to student rows
   * Uses **Select All** to mark all visible students
5. Admin clicks the **SEPARATE** button.
6. System:  
   * Validates the selection
   * Updates the status of selected students to "Separated"
   * Records the **Separation Date**
   * Updates hostel occupancy and downstream reports
7. A confirmation message is displayed:  
     
     
    “ Selected students have been successfully separated from the hostel.”

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## **Alternate Flows:**

* **No students found**:  
   If no student data is returned for the selected filters, system shows:  
    
    
   “ No records found.”
* **No selection made**:  
   If SEPARATE is clicked without selecting any checkbox, system displays:  
    
    
   Please select at least one student to proceed.”
* **Invalid or missing separation date**:  
   System validates that each selected student has a valid separation date before submission.

## **Post conditions:**

* Selected students are officially marked as **separated** in the ERP database.
* Their hostel accommodation record is deactivated or archived based on the separation date.
* Related hostel occupancy statistics, billing, and capacity reports are updated accordingly.

## **Field Overview:**

### **Input Fields (Filter Section)**

| **Field Name** | **Type** | **Description** |
| --- | --- | --- |
| Session | Dropdown | Select the academic session |
| Hostel Name | Dropdown | Select the target hostel |
| Balance Sheet | Dropdown | Select the associated financial ledger |

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### **Student List Table Columns**

| **Column Name** | **Description** |
| --- | --- |
| Checkbox | For selecting students; includes “Select All” at the top |
| Sr. No. | Serial number of each listed student |
| Student PRN | Permanent Registration Number (unique student identifier) |
| Student Name | Full name of the student |
| Hostel Type | Type/category of hostel assigned (e.g., Boys, Girls, Staff) |
| Separation Date | Date of separation (editable per student row before submission) |

## **UI Structure (Text Diagram for Visualization)**

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| 📌 **Separate Students from Hostel**  |

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| **Session:** [ Select Session ▼ ] **Hostel Name**: [ Select Hostel ▼ ] | **Balance Sheet**: [ SelectBalance ▼ ] |

| |

| [ **SHOW**  ] |

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📋 Students List:

[✓] Select All

| [✓] | Sr. No.| Student PRN | Student Name | Hostel Type | Separation Date |

|-------|----------|--------------------------|--------------------------|------------------|-------------------------|

| [ ] | 1 | PRN202300001 | Aarya Kulkarni | Cyber | [DD/MM/YYYY] |

| [ ] | 2 | PRN202300002 | Rohan Deshmukh | Boys | [DD/MM/YYYY] |

| [ ] | 3 | PRN202300003 | Meena Patil | Girls | [DD/MM/YYYY] |

| ... | ... | ... | ... | ... | ... |

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[ **SEPARATE**  ]

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✅ Note:

- Use checkboxes to select students to be separated.

- You can edit the Separation Date before separating.

- Press SEPARATE to finalize the separation process.