UC Name	Real-time view of room cleaning statuses (FR_HKM_01)
Summary	The housekeeping manager can view real-time updates on the cleaning status of all rooms in the hotel. This helps in managing housekeeping operations efficiently and ensuring room availability for guests.
Dependency	Depends on housekeeping staff updating room statuses after cleaning.
Actors	● Primary: Housekeeping Manager ● Secondary: Housekeeping Staff
Preconditions	● The system is operational. ● Housekeeping staff have access to update room statuses.
Description of the Main Sequence	1. Housekeeping staff updates the cleaning status of a room. 2. The system records the update and refreshes the status in real-time. 3. The housekeeping manager accesses the system dashboard. 4. The system displays the updated cleaning statuses.
Description of the Alternative Sequence	1. If a room status update fails, an error message is displayed to the housekeeping staff. 2. The system prompts for re-entry or manual correction.

Non functional requirements	- The system should update room statuses within 2 seconds. - The interface should be intuitive and accessible on multiple devices.
Postconditions	The housekeeping manager successfully views updated room statuses.

UC Name	Assign cleaning tasks to housekeeping staff (FR_HKM_02)
Summary	The housekeeping manager assigns cleaning tasks to staff members, ensuring an even distribution of workload and timely room maintenance.
Dependency	Requires an active list of available housekeeping staff.
Actors	- Primary: Housekeeping Manager - Secondary: Housekeeping Staff
Preconditions	The system is operational.

	● Housekeeping staff are registered in the system.
Description of the Main Sequence	1. The housekeeping manager logs into the system. 2. The system displays available rooms requiring cleaning. 3. The manager selects a room and assigns it to a staff member. 4. The system notifies the assigned staff member. 5. The assigned staff member acknowledges the task.
Description of the Alternative Sequence	1. If a staff member is unavailable, the system prompts the manager to select another staff member. 2. If a room is already assigned, the system prevents duplicate assignments.
Non functional requirements	● Task assignments should be processed within 3 seconds. ● Notifications should be sent in real-time.
Postconditions	Cleaning tasks are successfully assigned and acknowledged.

UC Name	View assigned rooms for cleaning (FR_HK_02)
Summary	Housekeeping staff can view a list of rooms assigned to them for cleaning, allowing them to manage their workload efficiently.
Dependency	Housekeeping manager must have assigned tasks.
Actors	● Primary: Housekeeping Staff ● Secondary: Housekeeping Manager
Preconditions	● The system is operational. ● Housekeeping staff are logged in.
Description of the Main Sequence	1. The housekeeping staff logs into the system. 2. The system displays a list of assigned rooms. 3. The staff selects a room to begin cleaning. 4. The staff updates the room status upon completion.
Description of the Alternative Sequence	If no rooms are assigned, the system displays a message indicating no tasks.
Non functional requirements	● The assigned room list should load within 2 seconds. ● The system should be accessible on mobile devices.
Postconditions	Housekeeping staff successfully view their assigned cleaning tasks.