

**Orgest Baçova - CC\_GST\_15: Track Cleaning Schedule Based on Guest Preferences**

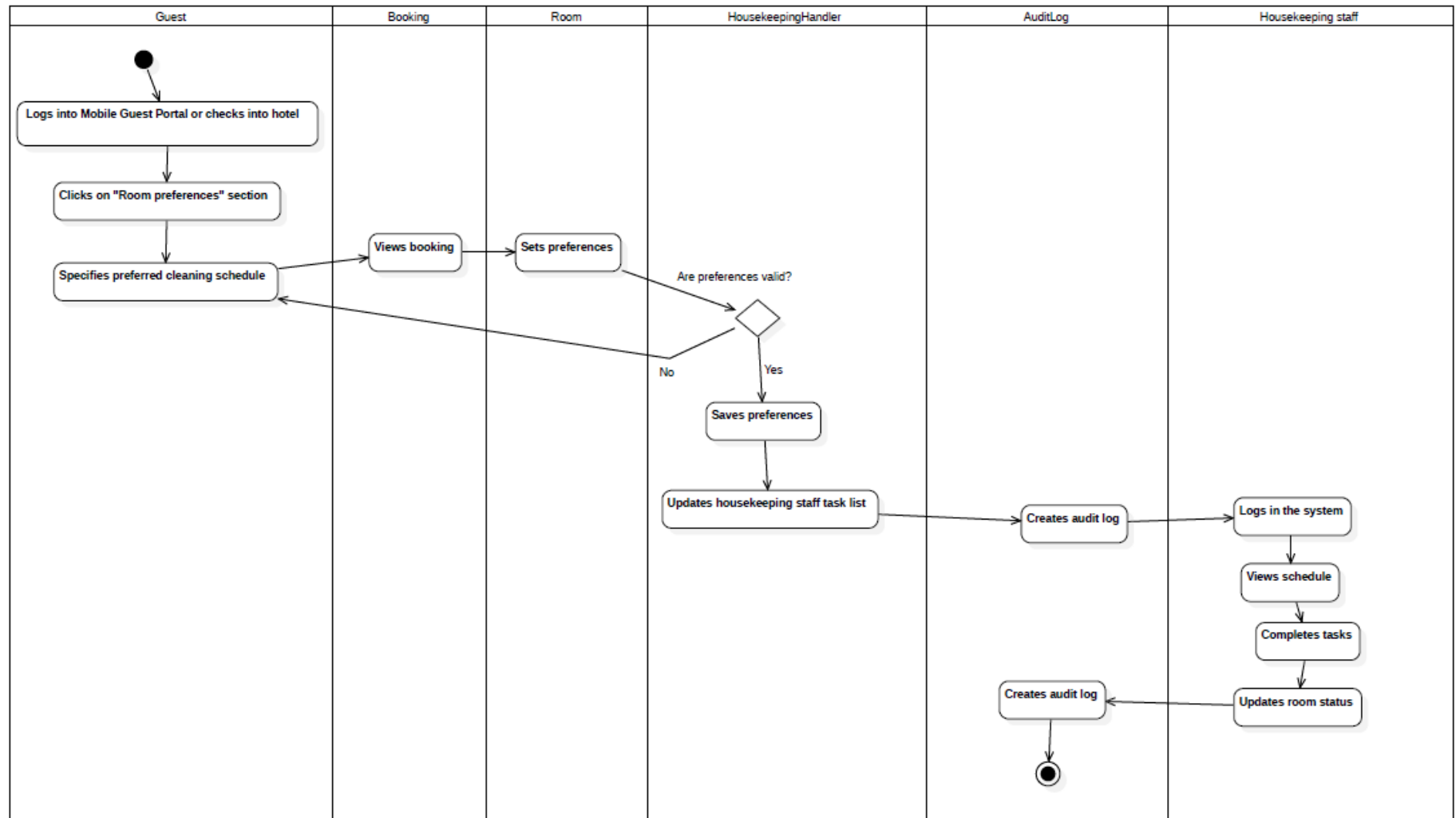
**Use Case Table:**

|            |   |
|------------|---|
| UC Name    | FR_GST_14: Track cleaning schedule based on guest preferences.  |
| Summary    | <i>This UC allows the guest to select their preferred cleaning preferences during check-in or via the Mobile Guest Portal. The updated cleaning schedule will be available to the housekeeping staff.</i> |
| Dependency | -   |
| Actors     | <i>Primary actor: The guest<br/>Secondary actors: Housekeeping staff</i>  |

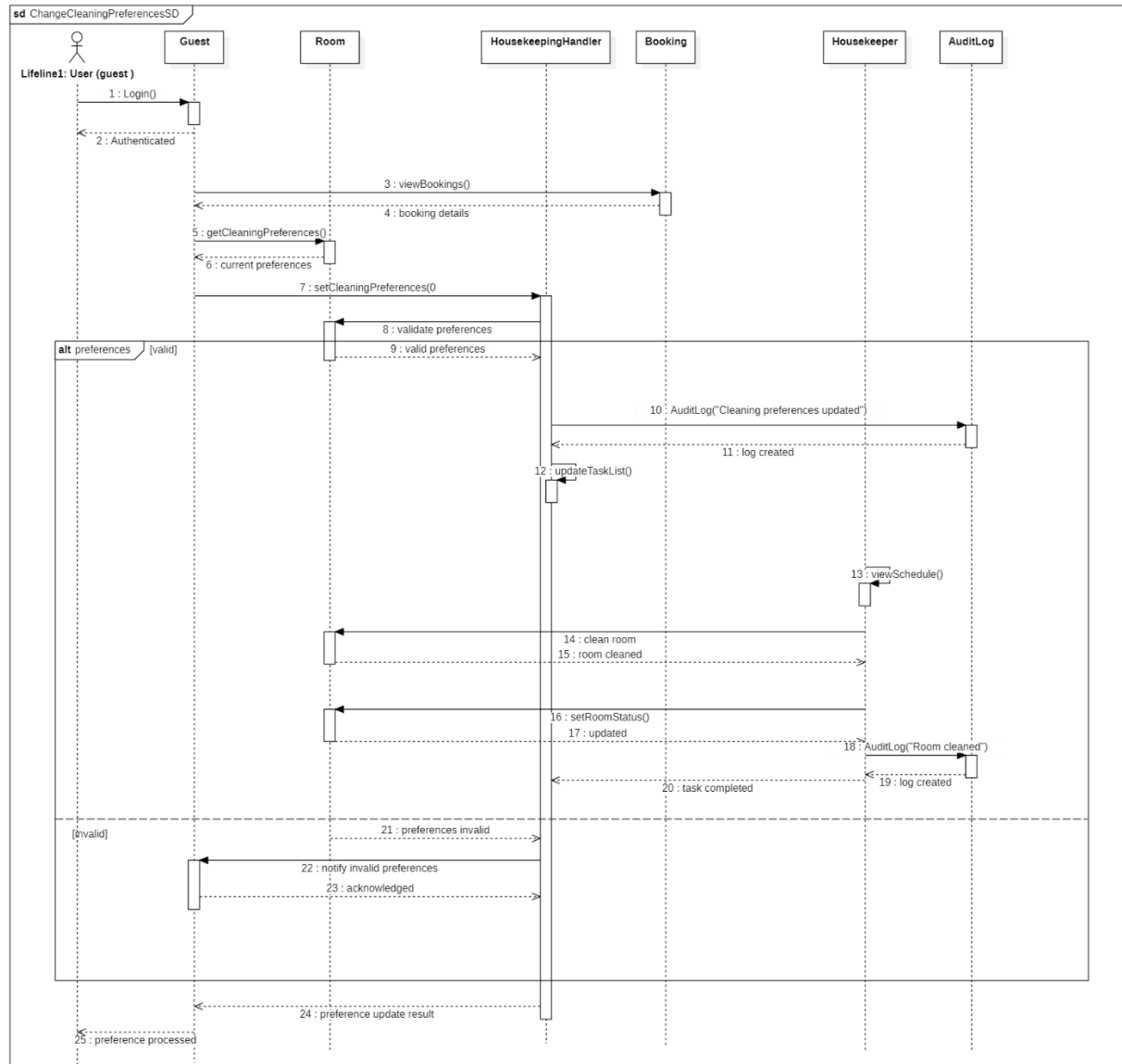
|                                  |   |
|----------------------------------|---|
| Preconditions                    | <ol style="list-style-type: none"> <li>1. <i>The guest must have access to the Mobile Guest Portal.</i></li> <li>2. <i>The housekeeping staff must be able to view the cleaning schedules of the guests.</i></li> </ol>   |
| Description of the Main Sequence | <ul style="list-style-type: none"> <li>• <i>Step 1: The guest checks into the hotel or logs into the Mobile Guest Portal.</i></li> <li>• <i>Step 2: The guest clicks on the “Room preferences” section.</i></li> <li>• <i>Step 3: The guest specifies their preferred cleaning schedule (daily, every other day, never etc.).</i></li> <li>• <i>Step 4: The system validates and saves the guest’s choices.</i></li> <li>• <i>Step 5: The system updates the task list of the housekeeping staff.</i></li> <li>• <i>Step 7: The housekeeping staff logs into the software and checks their schedule.</i></li> <li>• <i>Step 8: After completing their tasks, the housekeeping staff updates the room status (cleaned).</i></li> </ul> |

|   |   |
|---|---|
| Description of the Alternative Sequence | <ul style="list-style-type: none"> <li>• <i>Step 3a: In the case that the guest wants to change their cleaning schedule mid-stay, they navigate to the “Room preferences” section of the Mobile Guest Portal.</i></li> <li>• <i>Step 3b: The guest updates his cleaning schedule.</i></li> <li>• <i>Step 4b: The system validates and updates the new cleaning schedule.</i></li> </ul> |
| Non functional requirements             | <ol style="list-style-type: none"> <li>1. <i>The system updates the cleaning schedule immediately upon the guest’s request.</i></li> <li>2. <i>The housekeeping staff must be notified about their daily tasks immediately upon their change/update.</i></li> <li>3. <i>The system must log all cleaning history for auditing purposes later.</i></li> </ol>                            |
| Postconditions                          | <ol style="list-style-type: none"> <li>1. <i>Once finished, the cleaning schedule must be updated.</i></li> <li>2. <i>The housekeeping staff receives the updated cleaning schedules.</i></li> </ol>  |

## Activity diagram:



## Sequence diagram:



## Communication diagram:

