

Orgest Baçova - CC_GST_15: Track Cleaning Schedule Based on Guest Preferences

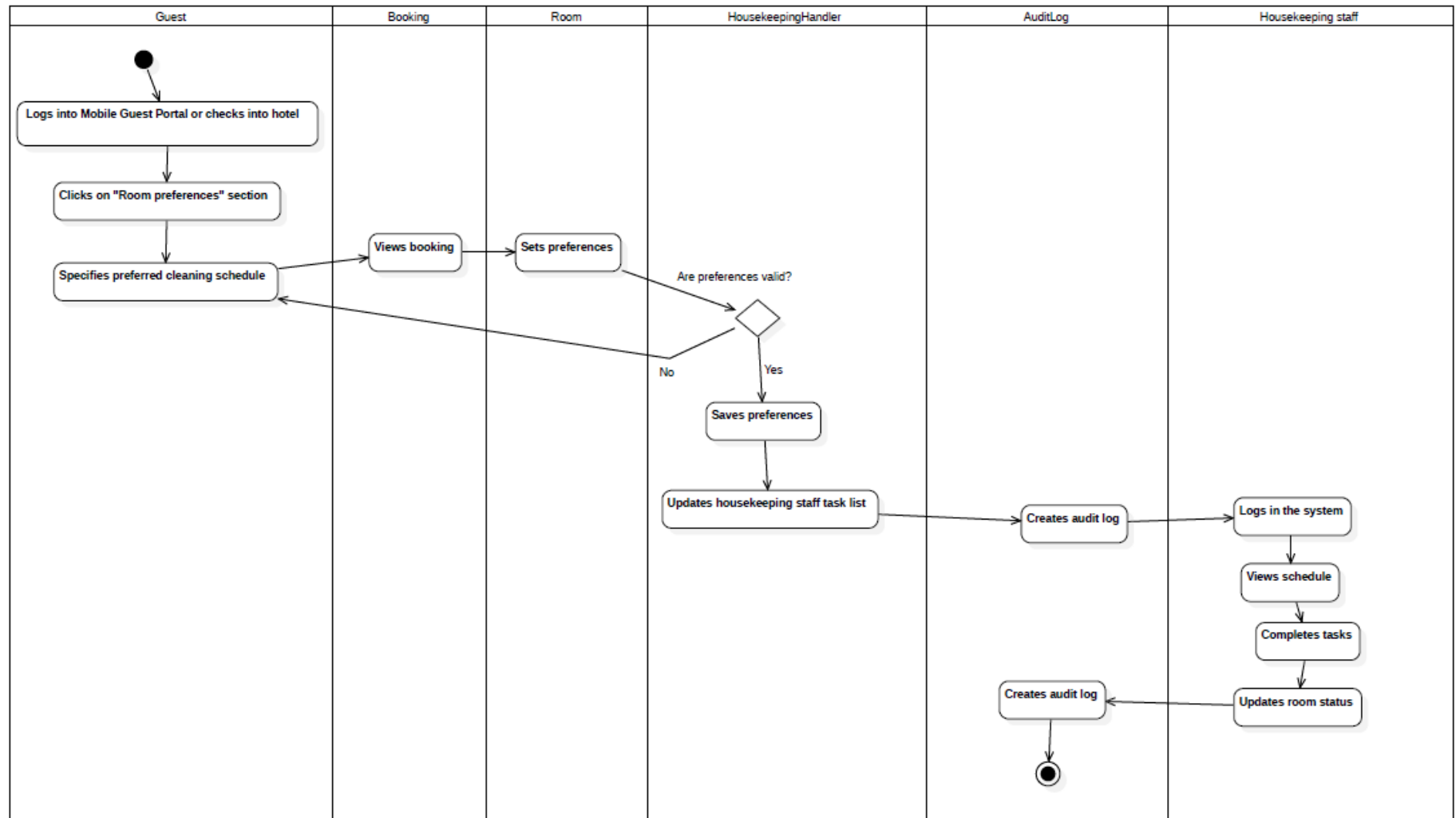
Use Case Table:

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 Secondary actors: Housekeeping staff</i>

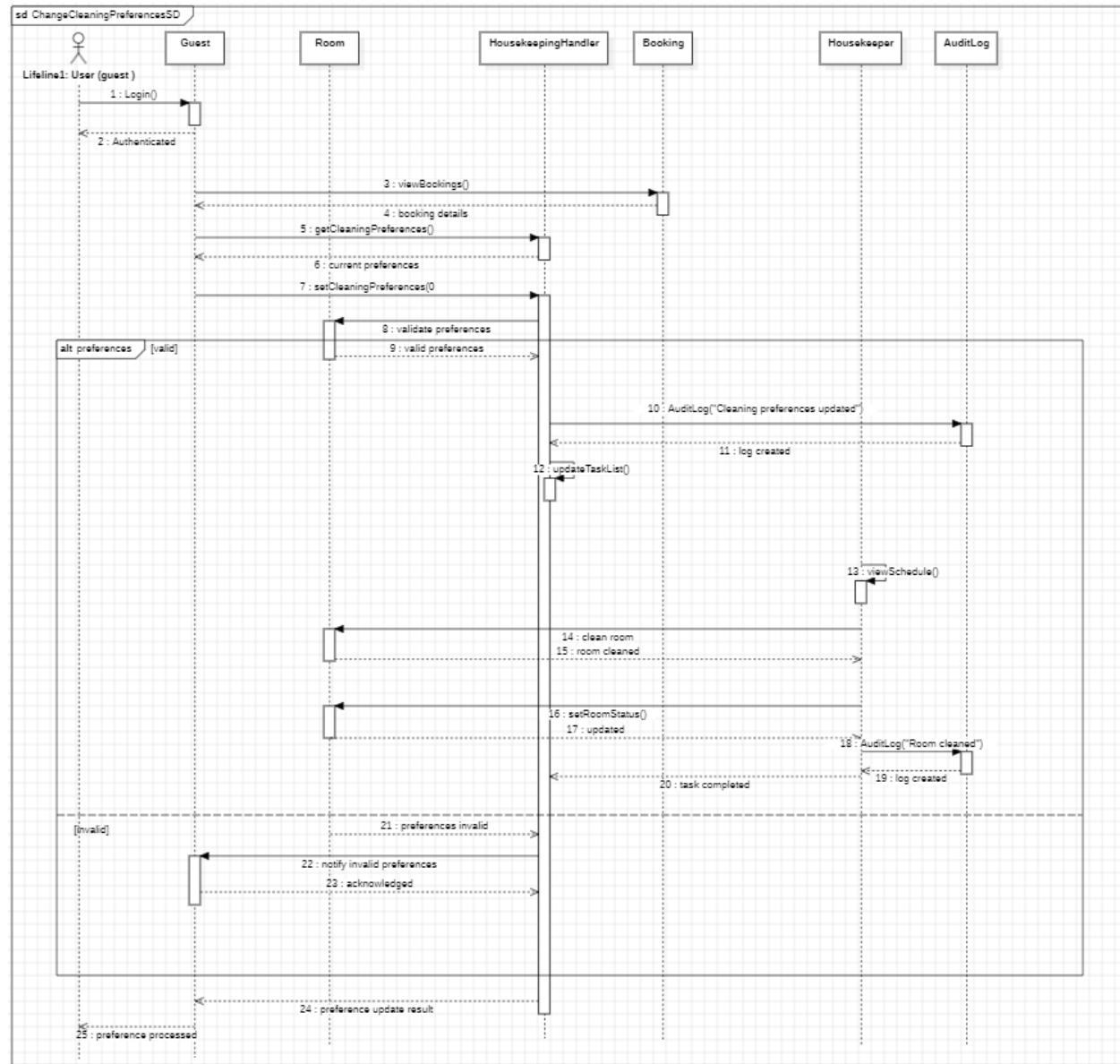
Preconditions	<ol style="list-style-type: none"> <i>1. The guest must have access to the Mobile Guest Portal.</i> <i>2. The housekeeping staff must be able to view the cleaning schedules of the guests.</i>
Description of the Main Sequence	<ul style="list-style-type: none"> <i>• Step 1: The guest checks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

Description of the Alternative Sequence	<ul style="list-style-type: none"> • <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> • <i>Step 3b: The guest updates his cleaning schedule.</i> • <i>Step 4b: The system validates and updates the new cleaning schedule.</i>
Non functional requirements	<ol style="list-style-type: none"> 1. <i>The system updates the cleaning schedule immediately upon the guest’s request.</i> 2. <i>The housekeeping staff must be notified about their daily tasks immediately upon their change/update.</i> 3. <i>The system must log all cleaning history for auditing purposes later.</i>
Postconditions	<ol style="list-style-type: none"> 1. <i>Once finished, the cleaning schedule must be updated.</i> 2. <i>The housekeeping staff receives the updated cleaning schedules.</i>

Activity diagram:



Sequence diagram:



Communication diagram:

