ID	Test Description	Precondition	Use case covered	Use case step	Test step	Test steps	Expected result	Actual result	Approved
1	User leaves the bedroom	1. The user is in their bedroom 2. The time is between the specified hours in UC10.	UC1 - User leaves their bedroom - Main Scenario	1-2	1	Movement is detected in the bedroom	The sensor in the bedroom triggers, turning on the LED in the bedroom and in the next room.	Yes	
				3-5	2	User moves out of the bedroom	The sensor in the room next to the bedroom triggers, turning on the LED in the next room while LEDs in the bedroom and current room remain on.		✓
2	User does not leave the bedroom		UC1 - User leaves their bedroom - Extension 3a	3a	1	No movement is detected for 5 minutes	The LEDs in the bedroom and the next room are turned off.		
3	User enters a new room	1. UC1 is complete 2. Light in the current room is on 3. Light in the next room is on 4. Light in the previous room is on	UC2 - User enters a new room - Main Scenario	1-3	1	Movement is detected in the new room	The sensor in the room triggers and the LED in the room before the previous room turns off and the LED in the next room turns on.		✓
4	User enters the bathroom	1. UC1 is complete	UC3 - User enters the bathroom - Main Scenario	1	1	Movement is detected in the bathroom	The sensor in the bathroom triggers and the LED in the room before the previous room turns off.		✓
				2	2		The timer event is logged locally.	Can't varify	
5	User leaves the bathroom	1. UC3 is complete	UC4 - User leaves the bathroom - Main scenario	1-3	1	The user leaves the bathroom	The sensor in the room before the bathroom triggers and the LED in the room before the previous room turns off and the LED in the next room turns on.		✓
				2	2		The timer event is logged locally.	Can't verify	
6	User enters the bedroom and goes back to bed	1. UC1 is complete	UC5 - User enters the bedroom - Main scenario	1-3	1	Movement is detected in the bedroom	The sensor in the bedroom triggers and all other LEDs than the bedroom LED turn off.	room/	before bed still or
				2	2		The timer event is logged to the database.		✓
				4	3	No movement is detected for 5 minutes	The LED in the bedroom is turned off.		✓
7	User enters the bedroom and does not go back to bed		UC5 - User enters the bedroom - Extension 4a	4a	1	Movement continues to be detected for the next 5 minutes	The LED does not turn off and after 5 minutes the LED in the next room turns on as in UC1.		
8	The alarm is activated	1. UC1 has been completed 2. The time is between the specified hours in UC10 3. UC5 has not yet been completed	UC6 - The alarm is activated - Main scenario	1-3	1	No sensor detects movement by the user for two hours	The timer event is logged to the database and the alarm is activated.		✓
9	Movement is detected		UC6 - The alarm is activated - Extension 1a	1a	1	Movement is detected within the two hour time frame	The two hour timer for the alarm is reset.		✓
10	Logging into the webpage	UC7 has been completed and the user is logged in	UC7 - User logs on to the webpage - Main scenario	1	1	User enters the webpage URL in their browser	The webpage loads		✓
				2	2	The webpage opens	The user is prompted to enter their username and password		✓
				3-4	3	After entering correct credentials the user presses "login"	The homepage of the webpage opens up and shows three buttons ("Trends page Events page" and Settings page").		✓
11	Incorrect credentials when logging into the webpage		UC7 - User logs on to the webpage - Extension 3a	3a	1	After entering correct credentials the user presses "login"	The user is prompted with an error message informing that the user has entered wrong credentials.		✓
12	Checking the "Trends page" on the webpage	UC7 has been completed and the user is logged in	UC8 - User checks the trends page - Main scenario	1-3	1	While logged in to the homepage the user presses the "trends page" button	The trends page opens, showing a graph and two buttons ("Total time" and "Time in Bathroom") which change the data displayed on the graph. Total time shows the total from leaving the bed to coming back to bed. Time in bathroom shows the time spend in the bathroom for a given event. An average time spent in the bathroom and average time spent in total is also shown.	very nice	✓
				3(a)	2	User presses the "Total time" button	The data on the graph now displays the total time from leaving the bedroom to getting back to the bedroom.		✓
							The data on the graph now displays the total time used in the		

13	Checking the Events page on the webpage	UC7 has been completed and the user is logged in	UC9 - User checks the events page - Main scenario	1-2	1	User presses the events page" button.	monitored by the system. Data for each trip is displayed alongside the respective trip. This includes (if applicable): (a). Event number (b). Start time and date (c). Time to reach toilet (d). Bathroom time (e). Time to reach bed (f). Total time Furthermore the event will be displayed in red if the alarm activated during the trip.		✓
14	User changes the active hours of the Glow2Go system		UC10 - User changes the active time of the guiding light system	1	1	User presses the "settings page" button.	The settings page opens displaying editable information about the current settings		✓
				2-3	2	User enters and saves a new start time and/or end time for the active hours of the system.	The active hours of the system are updated on the webpage as well as the system.		✓
15	User does no change the active hours of the Glow2Go system		UC10 - User changes the active time of the guiding light system - Extension 1a	1a	1	User does not change anything but instead exits the settings page	The active hours last applied will stay applied, meaning that no changes to the active hours are applied to the webpage or to the system.		✓
16	User changes the active hours without saving		UC10 - User changes the active time of the guiding light system - Extension 3a	3a	1	User changes the active hours and tries to exit the settings page without saving.	The user will be prompted with a reminder message, informing the user that the changes have not been saved and will be discarded if they proceed with exiting the settings page.		✓
17	User changes active hours while the system is active		UC10 - User changes the active time of the guiding light system - Extension 3b	3b	1	User changes the active hours and saves while the system is active	The user is prompted with an error, telling the user that the active hours of the system cannot be change while it is active.		not relevant

Responsiveness - Based on provided hardware, it is responsive ~~ness~~ any more

Reliability - Yes, System did not break down during testing

Scailability - adding new sensors and confuration on the system requires software updates; for each Resident

Usability - UI nice and understandable
Login for "Caretakers" instead of for each Resident.
Residents dont need to ~~see~~ see the UI