

**Testing**  
Group 10 OOSD Part II Objective 6

Test Case ID	Test Case Name	Purpose	Condition	Expected Result	Actual Result
1	Edit Hall Details	<p>Editing hall details is an important part to this application.</p> <p>This test case looks at the successful creation of editing hall details.</p>	<p>Hall manager selects the 'Edit Hall Details' on the specific hall requiring editing.</p> <p>Allowing the hall manager to edit: name, telephone number, and manager ID number.</p> <p>Hall manager clicks 'Confirm'.</p>	<p>The hall details are made/edited according to the current hall manager information.</p> <p>The Hall manager name, telephone number, Employee ID changes according to the new updates.</p> <p>Only the right input can be accepted by the textboxes in 'Edit Hall Details' to ensure all inputted information is correct.</p>	<p>Hall details are able to be edited as expected.</p> <p>Changes can be made to the Hall Manager name, telephone number and employee ID according to the Hall manager.</p> <p>Confirm button saves the changes.</p> <p>Hall Manager name textbox only allows a Forename and Surname, Hall Tel. only allows the right format of a UK telephone number, and Manager ID No. only allows numerals to be inputted.</p>
2	View Hall Details	<p>To verify that hall details are displayed correctly.</p> <p>This test case exercises the successful connection between the details shown on the application and the latest updates done in the 'Edit Hall</p>	<p>Hall manager selects a hall from the list.</p> <p>Hall manager is able to directly view all updated information about the hall.</p>	<p>Hall details are new and all updated according to the hall chosen in the drop down list.</p> <p>Projecting all information about the hall manager, telephone number, and</p>	<p>Hall details are viewed as new and updated.</p> <p>Information about hall manager, telephone number, and employee ID is all up to date and saved according to changes made.</p> <p>Upon clicking on</p>

		Details' and other related actions.		<p>employee ID.</p> <p>Alongside total rooms, available rooms, and offline/require cleaning.</p> <p>Data will be saved and displayed accurately whenever reassessed by the hall manager.</p>	<p>another hall after finishing editing hall details, data was saved and redisplayed when reassessed according to the newest status.</p>
3	Edit Accommodation Details	<p>Editing accommodation details is crucial to the system.</p> <p>This test case exercises the successful scenario of editing accommodation details in the system.</p>	<p>Hall manager selects an accommodation row from the chosen hall.</p> <p>Accommodation row will display 'Details' and the 'Edit Accommodation Details' button can be clicked.</p> <p>Upon clicking, changes can be made to Price, type, cleaning status, inventory, and description.</p> <p>When at least 1 change has been made, the hall manager can click on the confirm button.</p>	<p>The accommodation details are changed according to the required fixes by the hall manager.</p> <p>The entry for 'Type' is a drop down menu and changes will be saved depending on the chosen option.</p> <p>Cleaning status setting is using buttons that are saved depending on which option is clicked.</p> <p>Both inventory and Description have buttons that are set to 'Default' and also a textbox that can be used for specific changes.</p> <p>The entries can</p>	<p>As expected, the details are successfully saved according to all the changes made.</p> <p>With the different ways to choose options, such as dropdowns and buttons, all entries were saved and automatically displayed underneath the accommodation's 'Details' section.</p> <p>Inventory and Description can be set simply with the 'Default' button or made custom with use of the provided textbox. Whichever option is chosen by the hall manager is successfully displayed in the system.</p> <p>The confirm button was also only able to be clicked when</p>

				only be confirmed and saved when at least one piece of data has been changed.	at least 1 change has been made. If not, the user can only hover over the button.
4	View Accommodation details	<p>This test case exercises the system's successful connection between editing accommodation details and the details displayed.</p> <p>It also focuses on the system's way of saving data and displaying it when reassessed by the hall manager.</p>	<p>Depending on the hall chosen, Hall manager can click a specific accommodation row.</p> <p>Hall manager will then be able to view accommodation details.</p>	<p>Accommodation details are new and all updated according to the changes made.</p> <p>Projecting all accommodation details as well as rental agreement associated with a student.</p> <p>Status will now show beside the room number in the list of accommodations, ensuring users know the accommodation is unavailable before clicking.</p>	<p>As expected, whenever changes are made in 'Edit Accommodation details', all changes are saved and appropriately displayed. It also displays it appropriately whenever reassessed.</p> <p>Rental agreement is also saved and displayed in this section.</p> <p>Status appropriately shows either "Offline" or "Requires Cleaning" on the list of accommodations.</p>
5	Create Lease	<p>Lease creation is crucial to the system.</p> <p>This test case exercises the successful creation of a rental agreement.</p>	<p>Hall manager selects the block and specific hall.</p> <p>Hall manager chooses the accommodation row and enters: first, last name, student number and mobile number.</p>	<p>The rental agreement is created associating the accommodation with the student.</p> <p>The accommodation changes the status to Unavailable.</p>	<p>Lease agreement is created, student details are properly projected according to the chosen accommodation row.</p> <p>Accommodation status is Unavailable, and occupancy is now occupied.</p>

			Hall manager clicks 'Confirm'.	Occupancy status changed to Occupied.  Create Lease cannot be clicked after a lease has been made.	Create lease button will not work and allows users to only hover over.
6	Delete Lease agreement	<p>This test case exercises the successful activity of deleting a rental agreement.</p> <p>Testing this allows us to see the changes that would be made to the application when a Rental/Lease agreement is deleted in a specific accommodation.</p>	<p>Hall manager chooses an occupied accommodation row.</p> <p>Hall manager simply clicks 'Remove Lease' to delete the agreement.</p>	<p>After the creation of a lease agreement associated with a student, 'Remove Lease' will remove all student's details under 'Rental Lease Agreement' and change to 'N/A'.</p> <p>The specific accommodation will automatically change to Available at first, until further changes are made by the Hall manager.</p> <p>Hall details on the top of the application will also automatically update to show the updated number of Available rooms.</p>	<p>As expected, when 'Remove Lease' is clicked on an accommodation row, the student's details are all changed to 'N/A'.</p> <p>Accommodation details change to available, and the complete hall details are updated according to the removal of the lease agreement.</p> <p>Create lease button will now work.</p>
7	Set Cleaning Status	Setting the cleaning status is integral to the system as it sets specific	Hall manager clicks on 'Edit Accommodation Details', opening the screen for	Cleaning status changed according to the specific button clicked in 'Edit	<p>As expected.</p> <p>Cleaning status changes according to button clicked.</p>



	whenever reassessed.	for selecting both Block and Hall. This test case will check if data is saved appropriately whenever reassessed, and whether status is up to date.	<p>menu.</p> <p>Hall Manager then is allowed to click the Hall dropdown menu and select the appropriate hall.</p> <p>Hall manager views and verifies all details are up to date based on the latest changes.</p>	<p>information inside the system, the information will be successfully saved.</p> <p>Data can then always display the correct information whenever reopened by the hall manager.</p>	<p>the hall manager.</p> <p>Data displayed is the most updated, allowing hall manager to always have the newest status of the hall.</p> <p>Data can also be reassessed with information shown appropriately whenever Hall Manager goes back to it.</p>
10	'Inventory' and 'Description' alert messages	<p>This test case looks into the special alert messages displayed by Inventory and Description section in 'Edit Accommodation Details'.</p> <p>It looks into the successful connection between the error message and the input of the user in provided textbox.</p>	<p>Hall manager clicks on 'Edit Accommodation Details'.</p> <p>Inventory and Description section has a button each set to 'Default' which can be clicked by the Hall manager and default settings will be set accordingly.</p> <p>Inventory and Description also has designated textboxes for Hall managers to input custom/specific information.</p> <p>Hall manager will see an alert message if either inventory or Desc. is specifically made.</p> <p>Hall manager can</p>	<p>When the textbox is used for setting specific changes to Inventory or Description, a red alert message will appear.</p> <p>When changes have been made with use of the textbox, accommodation will automatically be set to 'Offline' as changes are being made out of the ordinary.</p> <p>Create lease button cannot be used for this accommodation due to offline status.</p>	<p>As expected, alert message states "Inventory not standard. Status will be set to OFFLINE".</p> <p>When confirm has been clicked, accommodation status is directly set to offline.</p> <p>Create lease button now cannot be used.</p>

			click confirm only if a fix to the input has been made.		
11	Hover-only button interaction for unavailable options	In order to confirm that users can only hover over particular buttons without being able to click them when the requirements for these options are not met, this test case looks to validate the system's user interface behavior for deactivated or unavailable options.	<p>Hall manager cannot click on a number of buttons if requirements are not met. Some examples are as follows:</p> <ul style="list-style-type: none"> <li>- 'Create lease' if accommodation is unavailable.</li> <li>- 'Confirm' if changes have not been made.</li> <li>- 'Edit Accommodation Details' if accommodation is not yet chosen</li> </ul> <p>Buttons can only be clicked when specific requirements are met.</p>	<p>Testing this on 'Create Lease'. The user will change the status to both 'Requires Cleaning' and 'Offline'.</p> <p>User will then not be given the option to select 'Create Lease' and will be left with a hover-only interaction with the button.</p>	<p>As expected, whenever an accommodation is unavailable, 'Create Lease' cannot be selected.</p> <p>Making users only input/select valid information when conditions are met.</p>
12	Automatic number generation	<p>Generation of unique numbers by the system is integral for data to be saved uniquely to avoid duplication of data.</p> <p>This test case exercises the system's successful</p>	<p>Hall Manager selects 'Create Lease'.</p> <p>Hall Manager is only able to input</p> <ul style="list-style-type: none"> <li>- Full Name</li> <li>- Std. ID.</li> <li>- Tel. No.</li> </ul> <p>Without the</p>	<p>We will test this multiple times.</p> <p>To ensure unique number will always be different and avoid duplication.</p> <p>Create lease will</p>	<p>As expected, automatic generation of unique lease number works perfectly on the system.</p> <p>Each create lease that was made, a unique number was</p>

		generation of unique lease number and other ID numbers.	control over the lease number.  When input is confirmed, the system will automatically create a unique lease number designated to only 1 rental agreement.	be made for multiple accommodations, and each will have different lease numbers designated to it.  No lease number will be the same.	created, and every lease made after had different lease numbers.
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