

Additional Test Cases

The following document gives a thorough walk-through of the test cases in addition to the ones in our main report.

The appendix at the end of the document includes a reference of all camps, enquiries and suggestions used for testing.

1. Staff

1.1 Login and Menu

Function		Remarks
Logging in as staff and changing password	<pre>Welcome to Camps Application and Management System (CAMs) ----- Are you logging in as a staff or a student? 1. Staff 2. Student 3. Exit Application hukumar Invalid input. Please enter a valid integer. Are you logging in as a staff or a student? 1. Staff 2. Student 3. Exit Application 1 Enter your user ID: hukumar Enter your password: If this is your first time logging in, the default password is 'password' password Welcome, Madhukumar from SCSE faculty! This is your first time logging into the application. Please reset your password. Enter your new password: password Please choose a different password than your current one. Enter your new password: password1 New password is set!</pre>	Typing in a string in first menu choice prompts user again Users should be prompted until a password different from default is entered.

Staff menu	<div>Staff Menu: 1. Change Password 2. Create a Camp 3. Edit a Camp 4. Delete a Camp 5. Toggle Camp Visibility 6. View list of all Camps 7. View list of all Camps created by you 8. View details of a Camp created by you 9. View list of registered students in a Camp created by you 10. View Enquiries 11. Reply to Enquiries 12. View Suggestions 13. Approve Suggestions 14. Generate Camp Reports 15. Generate Performance Reports 16. Generate Enquiry Reports 17. Logging out of Application</div>	After login, the program brings them to their user-specific menu interface.
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1.2 Staff Menu Functions

Function		Remarks
Function [1] Change password	<div>1 Enter your new password: password1 Please choose a different password than your current one. Enter your new password: password2 New password is set!</div>	Users should be prompted until a password different from default is entered.

1.2.1 Camps not created

Function [6] View list of all camps	6 There are no existing camps.	Camp list is empty at the moment of program boot up.
Function [7] View list of all camps created by you	7 There are no existing camps.	
Function [8] View details of a Camp made by you	8 There are no existing camps.	
Function [10] View enquiries	10 The enquiry list is empty. No enquiries to view	Enquiry list is empty at the moment of program boot up.
Function [11] Reply to enquiries	11 The enquiry list is empty. No enquiries to answer.	
Function[12] View suggestions	12 The suggestion list is empty. No suggestions to view.	Suggestion list is empty at the moment of program boot up.
Function [13] Approve suggestions	13 The suggestion list is empty. No suggestions to answer	

1.2.2 Creating camps

1.2.2.1 One camp

	Function		Remarks
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Create camp functions	Function [2] Create camp	<pre> Enter name of the camp: TOP PRAVEEN Enter the start date of TOP in dd-MM-yyyy format: 20-1-2024 Enter the end date of TOP in dd-MM-yyyy format: 30-1-2024 Enter the registration closing date of TOP in dd-MM-yyyy format: 10-1-2024 Enter the faculty allowed to attend TOP: 1. SCSE 2. ADM 3. EEE 4. NBS 5. SSS 6. Open to any faculty (NTU) 1 Enter the location of TOP: NTU Enter the total slots planned for Camp Attendees for TOP: 50 Enter the total slots planned for Camp Committee for TOP: 10 Enter the description of TOP: It's a fun camp! The camp has been created! </pre>	<p>Users are prompted until valid input is given for every option.</p> <p>Error is given when:</p> <ol style="list-style-type: none"> 1. Name, location and description of camp are solely numbers or special symbols. 2. Date is not given in DD-MM-YYYY format 3. Number below 1 or above 6 is entered for faculty option 4. Negative numbers and 0 are given for total slots of attendees/committee <ol style="list-style-type: none"> a. Also when number of slots for committee is greater than 10
	Function [5] Toggle camp visibility	<pre> 5 Enter the name of the camp to edit visibility of: TOP Do you want to turn the visibility of this camp to students on or off? on Visibility of TOP turned on. </pre>	Visibility is off by default.
View function	Function [6] View list of all camps	<pre> 6 List of All Camps: 1) TOP </pre>	
	Function [7] View list of camps created by you	<pre> 7 List of camps under Madhukumar: 1) TOP </pre>	

	Function [8] View details of camp created by you	<pre> 8 Enter the name of the camp that you want to view details of: TOP Details of TOP: 1) Description: It's a fun camp! 2) Location: NTU 3) User Group: SCSE 4) Registration Closing Date: 10 Jan 2024, Wed 5) Start Date: 20 Jan 2024, Sat 6) End Date: 30 Jan 2024, Tue 7) Total Slots for Attendees: 50 8) Total Slots for Camp Committee Members: 10 9) Number of registered Attendees: 0 10) Number of registered Camp Committee: 0 11) Visibility to Students: On </pre>	<ol style="list-style-type: none"> 1. Number of registered attendees and camp committee is 0 because no student has signed up for the newly created camp yet 2. Visibility of camps to student is toggled to off by default
		<pre> 8 Enter the name of the camp that you want to view details of: fkjby Invalid Camp Name. Please check the name of the camp using 'View list of all Camps created by you'. </pre>	Testing for exception: User should not be able to view the details of a camp that does not exist.
Delete function	Function [4] Delete camp	<pre> 4 Enter the name of the camp to be deleted: TOP The camp has been deleted! </pre>	

1.2.2.2 Two camps

1.2.2.2.1 Created by the same user

	Function		Remarks
View function	Function [6] View list of all camps	<pre> 6 List of All Camps: 1) TOP 2) Summer </pre>	2 camps with visibility:ON are created. Implementation not shown to avoid repetition. Refer to section 1.2.2.1.

	Function [7] View list of camps created by you	<pre> 7 List of camps under Madhukumar: 1) TOP 2) Summer </pre>	
	Function [8] View details of a camp created by you	<pre> 8 Enter the name of the camp that you want to view details of Summer Details of Summer: 1) Description: It's going to be hot! 2) Location: NTU 3) User Group: NTU 4) Registration Closing Date: 15 Jan 2024, Mon 5) Start Date: 25 Jan 2024, Thu 6) End Date: 31 Jan 2024, Wed 7) Total Slots for Attendees: 100 8) Total Slots for Camp Committee Members: 5 9) Number of registered Attendees: 0 10) Number of registered Camp Committee: 0 11) Visibility to Students: On </pre>	Viewing details of the second camp created.

1.2.2.2.2 Created by different users

	Function		
	Function [17] Logging out and logging into second Staff account	<pre> 17 Logging out... Welcome to Camps Application and Management System (CAMs) ----- Are you logging in as a staff or a student? 1. Staff 2. Student 3. Exit Application 1 Enter your user ID: UPAM Enter your password: password If this is your first time logging in, the default password is 'password' password Welcome, Chattopadhyay from EEE faculty! </pre>	Implementation of logging in not shown to avoid repetition. Refer to section 1.1.

View function	Function [6] View list of all camps	<pre> 6 List of All Camps: 1) TOP 2) Summer 3) Winter </pre>	TOP and Summer created by Madhukumar, Winter created by Chattopadhyay. Implementation not shown to avoid repetition. Refer to section 1.2.2.1.
	Function [7] View list of camps created by you	<pre> 7 List of camps under Chattopadhyay: 1) Winter </pre>	Only Winter will be visible to the user, as he did not create TOP and Summer.
	Function [8] View list of camps created by you	<pre> 8 Enter the name of the camp that you want to view details of: Summer You are not in-charge of this camp. You are not allowed to view the details of this camp. </pre>	Testing for exception: Unable to view details of Summer as he did not create Summer.
	Function [9] View list of registered students in a Camp created by you	<pre> 9 Enter the name of the camp that you want to view the list of registered student for: Winter Camp Attendees: No attendees registered for this camp. Camp Committee Members: No committee members registered for this camp. </pre>	
		<pre> 9 Enter the name of the camp that you want to view the list of registered student for: Summer You are not in-charge of this camp. You are not allowed to view the details of this camp. </pre>	Testing for exception: Unable to view details of Summer as he did not create Summer.
		<pre> 9 Enter the name of the camp that you want to view the list of registered student for: hva Invalid Camp Name. Please check the name of the camp using 'View list of all Camps created by you'. </pre>	Testing for exception: Unable to view list of registered students for a camp that does not exist.

1.2.3 Suggestion handling

	Function		Remarks
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View functions	Function [12] View suggestions	<pre> 12 Enter the camp name: Summer Suggestions for this camp: Suggestion ID: 1 Suggestion Text: Increase the attendee slots Suggestion Status: Not Answered ----- Suggestion ID: 2 Suggestion Text: Change the start date Suggestion Status: Not Answered ----- </pre>	Refer to section 2.2.3.2 to see implementation of submission of suggestions 1 and 2.
Approving and rejection suggestion functions	Function [13] Approve suggestion	<pre> 13 Enter the suggestion ID to answer: 1 Suggestion: Increase the attendee slots Enter 1 to approve the suggestion, enter 2 to reject the suggestion: 1 The suggestion has been approved! </pre>	
	Function [13] Approve suggestion	<pre> 13 Enter the suggestion ID to answer: 2 Suggestion: Change the start date Enter 1 to approve the suggestion, enter 2 to reject the suggestion: 2 The suggestion has been rejected! </pre>	

1.2.4 Report generation

Function	Remarks
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Function [14] Generate camp report	<pre> 14 Camps created by you: 1) TOP 2) Summer Enter the name of the camp for report generation: Summer Include camp details in the report? (yes/no): yes Include camp name? (yes/no): yes Filter camp names by alphabet? (yes/no): no Include start date? (yes/no): yes Include end date? (yes/no): yes Include attendee details in the report? (yes/no): yes Include attendee role? (yes/no): yes Filter roles by alphabet? (yes/no): no Include attendee user ID? (yes/no): yes Filter attendees by name? (yes/no): no Report generated successfully at Report.xlsx </pre>	
Function [15] Generate performa nce report	<pre> 15 Camps created by you: 1) TOP 2) Summer Enter the name of the camp for report generation: Summer Camp Committee Members for Summer: 1) YCHERN 2) CT113 Enter the number corresponding to the camp committee member you want to generate the report for: 2 Performance report generated successfully at PerformanceReport.xlsx </pre>	
Function [16] Generate enquiry report	<pre> 16 Enter the name of the camp for enquiry report generation: Summer Enquiry report for Summer generated successfully. </pre>	

1.3 Logout

Function	Remarks
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Function[17] Logging out	<pre> 11 Logging out... Welcome to Camps Application and Management System (CAMs) ----- Are you logging in as a staff or a student? 1. Staff 2. Student 3. Exit Application </pre>	User is prompted to sign in again after logout
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2. Student

2.1 Login and Menu

Function		Remarks
Logging in as student and changing password	<pre> Welcome to Camps Application and Management System (CAMs) ----- Are you logging in as a staff or a student? 1. Staff 2. Student 3. Exit Application 2 Enter your user ID: ychern Enter your password: If this is your first time logging in, the default password is 'password' password Welcome, CHERN from SCSE faculty! </pre>	<p>Logged in as YCHERN [SCSE]</p> <p>Refer to section 1.1.</p>
Student Menu	<pre> Student Menu: 1. Change Password 2. View Details of Available Camps 3. View Registered Camps and Roles 4. Register for a Camp 5. Withdraw from a Camp 6. Submit Enquiry 7. Delete Enquiry 8. Edit Enquiry 9. View Enquiries 10. Access Camp Committee Features (for camp committee members only) 11. Logging out of Application </pre>	

2.2 Student Menu Functions

Function		Remarks
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Function [1] Change password	Implementation not shown to avoid repetition. Refer to section 1.2	
Function [2] View details of available camps	<pre> 2 Camp Name: TOP Description: It's a fun camp! Location: NTU Start Date: 20 Jan 2024, Sat End Date: 30 Jan 2024, Tue Registration Closing Date: 10 Jan 2024, Wed Remaining Slots for Attendees: 50 Remaining Slots for Camp Committee Members: 10 ----- Camp Name: Summer Description: It's going to be hot! Location: Sentosa Start Date: 25 Jan 2024, Thu End Date: 31 Jan 2024, Wed Registration Closing Date: 15 Jan 2024, Mon Remaining Slots for Attendees: 100 Remaining Slots for Camp Committee Members: 5 ----- </pre>	Winter cannot be viewed as user [SCSE] is not a member of the faculty the camp was created for [EEE]

2.2.1 Not yet registered and enquiries not submitted

Function		Remarks
Function [3] View registered camps and roles	<pre> 3 You are not registered for any camps. </pre>	

Function [9] View enquiries	<div>9</div> <div>You have not made any enquiries yet.</div>	
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2.2.2 Attendee functions

2.2.2.1 Registration

	Function		Remarks
Register functions	Function [4] Register for a Camp	<div>4</div> <div>Enter the camp name you want to sign up for:</div> <div>TOP</div> <div>Choose your role for the camp:</div> <div>1. Camp Attendee</div> <div>2. Camp Committee Member</div> <div>1</div> <div>Successfully registered as a Camp Attendee for TOP!</div>	
		<div>Enter the camp name you want to sign up for:</div> <div>Summer</div> <div>Choose your role for the camp:</div> <div>1. Camp Attendee</div> <div>2. Camp Committee Member</div> <div>1</div> <div>The camp duration clashes with another camp you have signed up for!</div> <div>Failed to register as a Camp Attendee for Summer!</div>	Testing for exception: User is not able to sign up for the second camp as the dates of the camps TOP and Summer clash
View functions	Function [3] View registered camps and roles	<div>3</div> <div>Camp Name: TOP</div> <div>Role: Attendee</div> <div>-----</div>	

Withdraw functions	Function [5] Withdraw from camp	<pre> 5 Enter the name of the camp you want to withdraw from: TOP You have been registered as a Attendee for this camp. You will not be able to register for this camp again if you withdraw. Are you sure you want to withdraw from this camp? (Enter Yes/No) yes You have been successfully removed from this camp. </pre>	
Register functions	Function [4] Register for camp	<pre> Enter the camp name you want to sign up for: TOP Choose your role for the camp: 1. Camp Attendee 2. Camp Committee Member 1 You have previously withdrawn from this camp. You are not allowed to register for this camp again. Failed to register as a Camp Attendee for TOP! </pre>	Testing for exception: User is not able to register for a camp they have withdrawn from.
	Function [4] Register for camp	<pre> Enter the camp name you want to sign up for: TOP Choose your role for the camp: 1. Camp Attendee 2. Camp Committee Member 2 You have previously withdrawn from this camp. You are not allowed to register for this camp again. Failed to register as a Camp Committee Member for TOP! </pre>	Testing for exception: User is not able to register for a camp they have withdrawn from.
CCM functions	Function [10] Access camp committee features	<pre> 10 You are not a camp committee member of any camp. You are not allowed to access camp committee member features. Returning to main student menu... </pre>	User can only be either an attendee or camp committee member.

2.2.2.2 Submission of enquiries

	Function		Remarks
Submit enquiry functions	Function [6] Submit enquiry	<pre> 6 Enter the camp name: TOP Enter your enquiry content: What to bring? Your enquiry has been submitted! </pre>	

		<pre> 6 Enter the camp name: Summer Enter your enquiry content: Where is the reporting venue? Your enquiry has been submitted! </pre>	
		<pre> 6 Enter the camp name: Winter This camp is not open to you. You are not allowed to submit enquiries for this camp. </pre>	Testing for exception: User [SCSE] unable to submit enquiries to Winter camp [EEE].
Edit enquiry functions	Function [8] Edit enquiry	<pre> 8 Enter the Enquiry ID of the enquiry to be edited: 2 Enter the edited enquiry content: Are there wet activities? Your enquiry with ID 2 has been edited! </pre>	User has to view enquiry ID from the enquiry list menu accessed through function 9 in order to retrieve the ID to edit the enquiry.
View enquiry functions	Function [9] View enquiries	<pre> Your Enquiries: ----- Enquiry ID: 1 Enquiry Content: What to bring? Status: Enquiry has not been answered ----- Enquiry ID: 2 Enquiry Content: Are there wet activities? Status: Enquiry has not been answered ----- Enquiry ID: 3 Enquiry Content: fkjbv Status: Enquiry has not been answered ----- </pre>	Random enquiry submitted under Enquiry ID 3. Implementation not shown to avoid repetition. Refer to section 2.2.2.2. This function allows user to view all the enquiries the user submitted.
Delete enquiry functions	Function [7] Delete enquiry	<pre> 7 Enter the Enquiry ID of the enquiry to be deleted: 3 Your enquiry with ID 3 has been deleted! </pre>	User has to view enquiry ID from the enquiry list menu accessed through function 9 in order to retrieve the ID to delete the enquiry.

View enquiry functions	Function [9] View enquiries	<pre> 9 Your Enquiries: ----- Enquiry ID: 1 Enquiry Content: What to bring? Status: Enquiry has not been answered ----- Enquiry ID: 2 Enquiry Content: Are there wet activities? Status: Enquiry has not been answered ----- </pre>	Check that random enquiry was successfully deleted.
Delete enquiry functions	Function [7] Delete enquiry	<pre> 7 Enter the Enquiry ID of the enquiry to be deleted: 2 Your enquiry has already been answered. You cannot delete this enquiry. </pre>	Testing for exception: Refer to section 2.2.3.3. After enquiries have been answered, they cannot be deleted by the original submitter of the enquiry.

2.2.3 Camp Committee Member functions

2.2.3.1 Registration

	Function		Remarks
View functions	Function [2] View details of available camps	<pre> 2 Camp Name: TOP Description: It's a fun camp! Location: NTU Start Date: 20 Jan 2024, Sat End Date: 30 Jan 2024, Tue Registration Closing Date: 10 Jan 2024, Wed Remaining Slots for Attendees: 50 Remaining Slots for Camp Committee Members: 10 ----- Camp Name: Summer Description: It's going to be hot! Location: Sentosa Start Date: 25 Jan 2024, Thu End Date: 31 Jan 2024, Wed Registration Closing Date: 15 Jan 2024, Mon Remaining Slots for Attendees: 99 Remaining Slots for Camp Committee Members: 5 ----- </pre>	Logged in as CT113 [SCSE]

Register functions	Function [4] Register for camp	<pre> Enter the camp name you want to sign up for: TOP Choose your role for the camp: 1. Camp Attendee 2. Camp Committee Member 2 You are already an attendee of this camp! Failed to register as a Camp Committee Member for TOP! </pre>	<p>User is registered as attendee for camp 1. Implementation not shown to avoid repetition. Refer to section 2.2.2.1.</p> <p>Testing for exception:</p> <p>Pre-existing attendees for camps are not allowed to register as a camp committee member afterward.</p>
		<pre> Enter the camp name you want to sign up for: Summer Choose your role for the camp: 1. Camp Attendee 2. Camp Committee Member 2 The camp duration clashes with another camp you have signed up for! Failed to register as a Camp Committee Member for Summer! </pre>	<p>Testing for exception:</p> <p>Dates for Summer clash with dates for TOP</p>
		<pre> Enter the camp name you want to sign up for: Summer Choose your role for the camp: 1. Camp Attendee 2. Camp Committee Member 2 Successfully registered as a Camp Committee Member for Summer! </pre>	<p>User withdrew from TOP camp. Implementation not shown to avoid repetition. Refer to section 2.2.2.1.</p> <p>Since user is not in TOP or Summer, user can register as camp committee member for Summer.</p>
View functions	Function [3] View registered camps and roles	<pre> 3 Camp Name: Summer Role: Camp Committee Member ----- </pre>	

2.2.3.2 Submission of suggestions

	Function	Remarks
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View functions	Function [10] Access CCM features	<p>Camp Committee Features:</p> <ol style="list-style-type: none"> 1. Submit Suggestion 2. Delete Suggestion 3. Edit Suggestion 4. View Suggestions 5. Reply to Enquiries 6. View Enquiries 7. View Camp Details 8. Generate Camp Report 9. Generate Enquiry Report 10. Back 	
	Function [4] View suggestions	<p>4</p> <p>You have not made any suggestions yet.</p>	
Submit suggestion functions	Function [1] Submit suggestion	<p>1</p> <p>You are making a suggestion to Summer</p> <p>Enter your suggestion</p> <p><i>Increase the attendee slots</i></p> <p>Your suggestion has been submitted.</p>	User can only make suggestions to camp for which they are camp committee members
View suggestion functions	Function [4] View suggestions	<p>4</p> <p>Your suggestions:</p> <p>Suggestion ID: 1</p> <p>Suggestion Text: Increase the attendee slots</p> <p>Suggestion Status: Not Processed</p> <p>-----</p> <p>Suggestion ID: 2</p> <p>Suggestion Text: Change the location</p> <p>Suggestion Status: Not Processed</p> <p>-----</p>	Suggestion 2 submitted. Implementation for suggestion 2 not shown to avoid repetition. Refer to section 2.2.3.2.

Edit suggestion functions	Function [3] Edit suggestion	<pre> 3 Enter the Suggestion ID of the suggestion to be edited: 2 Enter the edited suggestion content: Change the start date Your suggestion with ID 2 has been edited! </pre>	
View suggestion functions	Function [4] View suggestions	<pre> 4 Your suggestions: Suggestion ID: 1 Suggestion Text: Increase the attendee slots Suggestion Status: Not Processed ----- Suggestion ID: 2 Suggestion Text: Change the start date Suggestion Status: Not Processed ----- </pre>	List of suggestions shows the newly edited Suggestion 2.
		<pre> 4 Your suggestions: Suggestion ID: 1 Suggestion Text: Increase the attendee slots Suggestion Status: Not Processed ----- Suggestion ID: 2 Suggestion Text: Change the start date Suggestion Status: Not Processed ----- Suggestion ID: 3 Suggestion Text: hdgs Suggestion Status: Not Processed ----- </pre>	Added random suggestion 3. Implementation not shown to avoid repetition. Refer to section 2.2.3.2.
Delete suggestion functions	Function [2] Delete suggestion	<pre> 2 Enter the suggestion ID to be deleted: 3 Your suggestion has been deleted. </pre>	Random Suggestion 3 deleted.

		<pre> 2 Enter the suggestion ID to be deleted: 1 Your suggestion has already been processed. You cannot delete it. </pre>	Testing for exception: Refer to section 1.2.3. Suggestion 1 has already been approved. Therefore, cannot delete
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2.2.3.3. Enquiries handling

	Function		Remarks
View functions	Function [6] View enquiries	<pre> Enquiries made to Summer: Enquiry ID: 2 Enquiry Text: Are there wet activities? Enquiry Status: Not Answered ----- Enquiry ID: 3 Enquiry Text: Where is the location? Enquiry Status: Not Answered ----- </pre>	Enquiry 3 submitted by attendee. Implementation not shown to avoid repetition. Refer to section 2.2.2.2 to see submission of enquiry 2 and implementation of enquiry 3.
Reply enquiry functions	Function [5] Reply to enquiries	<pre> 5 Enter the enquiry ID to answer: 2 Enquiry: Are there wet activities? Enter the answer to the enquiry: Yes so please bring a change of clothes. The enquiry has been answered! </pre>	
View functions	Function [6] View enquiries	<pre> 6 Enquiries made to Summer: Enquiry ID: 2 Enquiry Text: Are there wet activities? Enquiry Status: Answered ----- Enquiry ID: 3 Enquiry Text: Where is the location? Enquiry Status: Answered ----- </pre>	Enquiry 3 replied. Implementation not shown to avoid repetition. Refer to section 2.2.3.3. to see implementation of replying to enquiries

2.3 Logout

Function		Remarks
Function [11] Logging out	<pre>Logging out... Welcome to Camps Application and Management System (CAMs) ----- Are you logging in as a staff or a student? 1. Staff 2. Student 3. Exit Application</pre>	User is prompted to sign in again after logout

3. Input Error checking

3.1 Login

Function		Explanations
Logging in	<pre>Are you logging in as a staff or a student? 1. Staff 2. Student 3. Exit Application hi Invalid input. Please enter a valid integer. Are you logging in as a staff or a student? 1. Staff 2. Student 3. Exit Application !!! Invalid input. Please enter a valid integer.</pre>	Typing in a string instead of integers 1 or 2 to log in as a student or staff will prompt the user to input a valid integer

User ID/Password	<pre> Enter your user ID: arvi Enter your password: If this is your first time logging in, the default password is 'password' adjhgnfi Invalid user ID or password. Please try again. as staff Enter your user ID: hi Enter your password: If this is your first time logging in, the default password is 'password' password Invalid user ID or password. Please try again. as staff Enter your user ID: 54 Enter your password: If this is your first time logging in, the default password is 'password' 6574 Invalid user ID or password. Please try again. as staff </pre>	Typing in the wrong user id or password will prompt the user to try again with th
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3.2 Staff Functions

Function		Explanations
	<pre> 56 Invalid choice. Please try again. </pre>	Entering a String or the wrong no. for the main page will prompt the user to try again
[1] Create a camp	<pre> Enter the start date of top in dd-MM-yyyy format: happy Error parsing the date. Please enter a valid date in the correct format: Enter the start date of top in dd-MM-yyyy format: 20-1-2023 The start date cannot be in the past. Please enter a valid start date. Enter the registration closing date of top in dd-MM-yyyy format: 25-1-2024 The registration closing date cannot be after the start date. Please enter a valid date. </pre>	<p>Entering a String or the wrong format of date will prompt the user to enter a valid date</p> <p>Entering a Date in the past will prompt the user to enter a valid date</p> <p>Entering a registration closing date after the start date will prompt the user to enter a valid date</p> <p>Entering a String or no. that is not between 1-6 will prompt the user to re-enter their input</p>

	<pre> Enter the faculty allowed to attend top: 1. SCSE 2. ADM 3. EEE 4. NBS 5. SSS 6. Open to any faculty (NTU) akjsdb Invalid input. Please enter a valid number. Enter the total slots planned for Camp Attendees for top: fjkb Invalid input. Please enter an integer. </pre>	Entering a String will prompt the user to enter a integer
[3] Edit a Camp [4] Delete a Camp [8] View details of a Camp created by you	<pre> Enter the name of the camp to be edited: fjbj Camp does not exist. Please check the name of the camp using 'View list of all Camps created by you'. </pre>	Entering the wrong camp name will prompt the user to check the name the camp and return to the main page
[5] Toggle camp visibility	<pre> Do you want to turn the visibility of this camp to students on or off? jsdfg Invalid option. Staff Menu: </pre>	Entering the wrong String or a integer will prompt a return to the main page
[11] Reply to enquiries [13] Approve suggestions	<pre> Enter the enquiry ID to answer: skjdfgb Invalid input. Please enter a valid integer for the enquiry ID. </pre>	Entering the wrong id will prompt the user to enter a valid id
[14] Generate camp reports [15] Generate performance reports [16] Generate enquiry reports	<pre> 15 Camps created by you: Enter the name of the camp for report generation: fjhbv Invalid camp selection. Report generation canceled. </pre>	Entering the wrong camp name/int for selecting the ccm to print progress report for, report generation will be cancelled/ user will be prompted to reinput

3.3 Student Functions

Function		Explanations
[4] Register for a camp [5] Withdraw from a camp	<pre> Enter the camp name you want to sign up for: gsd The entered camp name does not exist. Please try again. </pre>	Entering the wrong camp name will prompt the user to try again
[4] Register for a camp	<pre> Enter the camp name you want to sign up for: hi The camp is not available to you yet. You are not allowed to register for this camp. </pre>	If the toggle is not on, the user will be informed that the camp is not available to them yet
[7] Delete enquiry [8] Edit enquiry	<pre> Enter the Enquiry ID of the enquiry to be edited: 5 Invalid Enquiry ID. Please check the ID of your enquiry using 'View Enquiries'. </pre>	Entering a String or the wrong id will prompt the user to check for the correct id
[10] Accessing CCM feature	<pre> You are not a camp committee member of any camp. You are not allowed to access camp committee member features. Returning to main student menu... </pre>	Entering option 10 when they are not a CCM of any camps will restrict the user

3.4 Camp Committee Member Functions

Function		Explanations
[2] Delete suggestion [3] Edit suggestion [5] Reply to enquiries	<pre> Enter the suggestion ID to be deleted: lksfd Invalid input. Please enter a valid suggestion ID. </pre>	Entering the wrong suggestion id will prompt a return to the main page

4 Miscellaneous error testing

Function		
Delete camp	<pre> 4 Enter the name of the camp to be deleted: funfun Camp already has registered students. You are not allowed to delete the camp! </pre>	Staff cannot delete a camp once there are registered students

Camp committee member sign up	<pre> 4 Enter the camp name you want to sign up for: funfun Choose your role for the camp: 1. Camp Attendee 2. Camp Committee Member 2 There are no available slots for committee members! Failed to register as a Camp Committee Member for funfun! </pre>	Students cannot sign up to be a Camp Committee member once the slots are full.
Attendee sign up	<pre> 4 Enter the camp name you want to sign up for: funfun Choose your role for the camp: 1. Camp Attendee 2. Camp Committee Member 1 There are no available slots for attendees! Failed to register as a Camp Attendee for funfun! </pre>	Students cannot sign up for a camp once slots are full.
Enquiry ID input	<pre> 8 Enter the Enquiry ID of the enquiry to be edited: Are there wet activities? An error occurred. Please try again. </pre>	Error when integer is not inputted for Enquiry ID
Date input (Date in the past)	<pre> Enter the start date of TOP in dd-MM-yyyy format: 20-1-2023 The start date cannot be in the past. Please enter a valid start date. Enter the end date of TOP in dd-MM-yyyy format: 30-1-2023 The end date cannot be in the past. Please enter a valid end date. </pre>	Error when inputting a date in the past for the start and end dates of the camp.
Date input	<pre> Enter the registration closing date of TOP in dd-MM-yyyy format: kldfjh Error parsing the date. Please enter a valid date in the correct format. </pre>	Error when inputting a registration closing date that is after the start date of the camp.

Registering for a camp that user has already registered for	<pre> Choose your role for the camp: 1. Camp Attendee 2. Camp Committee Member 1 You are already an attendee of this camp! Failed to register as a Camp Attendee for TOP! </pre>	Error when user tries to register for a camp that they are already registered for.
View camp when toggle is on	<pre> 2 Camp Name: Summer Description: It's going to be hot! Location: Sentosa Start Date: 25 Jan 2024, Thu End Date: 31 Jan 2024, Wed Registration Closing Date: 15 Jan 2024, Mon Remaining Slots for Attendees: 100 Remaining Slots for Camp Committee Members: 5 ----- Camp Name: Winter Description: It's going to be cold! Location: winter wonderland Start Date: 20 Dec 2024, Fri End Date: 30 Dec 2024, Mon Registration Closing Date: 10 Dec 2024, Tue Remaining Slots for Attendees: 20 Remaining Slots for Camp Committee Members: 8 ----- </pre>	Students can view all the camps with toggle visibility on.
View camp when toggle visibility is off	<pre> 8 Enter the name of the camp that you want to view details of: Winter Details of Winter: 1) Description: It's going to be cold! 2) Location: winter wonderland 3) User Group: EEE 4) Registration Closing Date: 10 Dec 2024, Tue 5) Start Date: 20 Dec 2024, Fri 6) End Date: 30 Dec 2024, Mon 7) Total Slots for Attendees: 20 8) Total Slots for Camp Committee Members: 8 9) Number of registered Attendees: 0 10) Number of registered Camp Committee: 0 11) Visibility to Students: Off </pre>	Students cannot view camps with toggle visibility off but can still view camps with toggle visibility on.

2

Camp Name: Summer

Description: It's going to be hot!

Location: Sentosa

Start Date: 25 Jan 2024, Thu

End Date: 31 Jan 2024, Wed

Registration Closing Date: 15 Jan 2024, Mon

Remaining Slots for Attendees: 100

Remaining Slots for Camp Committee Members: 5

Appendix

Camps:

- Camp 1:
 - Camp name: TOP
 - Start date: 20-1-2024
 - End date: 30-1-2024
 - Registration end date: 10-1-2024
 - User group: SCSE
 - Location: NTU
 - Camp attendee slots: 50
 - Camp committee member slots: 10
 - description: It's a fun camp!
- Camp 2:
 - Camp name: Summer
 - Start date: 25-1-2024
 - End date: 31-1-2024
 - Registration end date: 15-1-2024
 - User group: NTU
 - Location: Sentosa
 - Camp attendee slots: 100
 - Camp committee member slots: 5
 - description: It's going to be hot!
- Camp 3:
 - Camp name: Winter
 - Start date: 20-12-2024
 - End date: 30-12-2024
 - Registration end date: 10-12-2024
 - User group: EEE
 - Location: winter wonderland
 - Camp attendee slots: 20
 - Camp committee member slots: 8
 - description: It's going to be cold!

Enquiries:

- Enquiry 1:
 - Camp: TOP
 - Content: What to bring?
 - Answer: Bring the basic necessities and yourself.
- Enquiry 2:
 - Camp: TOP
 - Content: Where is the reporting venue?
 - Answer: Outside LT2A.
- Enquiry 3:

- Camp: Summer
 - Content: Are there wet activities?
 - Answer: Yes so please bring a change of clothes.
- Enquiry 4:
 - Camp: Summer
 - Content: Where is the location?
 - Answer: Sentosa
- Enquiry 5:
 - Camp: Winter
 - Content: Is there WiFi?
 - Answer: Yes
- Enquiry 6:
 - Camp: Winter
 - Content: Can I leave the camp early?
 - Answer: Yes, just inform one of the people incharge.

Suggestions:

- Suggestion 1:
 - Camp: TOP
 - Content: Increase the attendee slots.
- Suggestion 2:
 - Camp: TOP
 - Content: Change the location.
- Suggestion 3:
 - Camp: Summer
 - Content: Increase the camp committee member slots.
- Suggestion 4:
 - Camp: Summer
 - Content: Change the start date
- Suggestion 5:
 - Camp: Winter
 - Content: Change the user group.
- Suggestion 6:
 - Camp: Winter
 - Content: Extend the registration closing date.