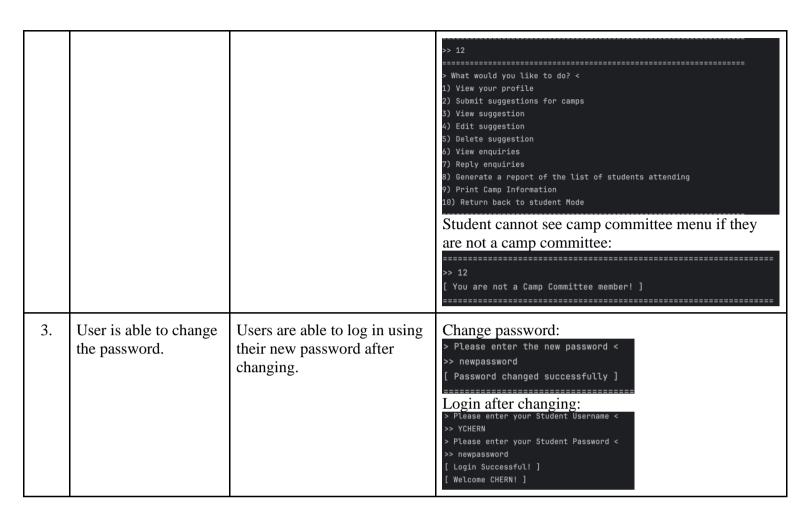
Additional Test Cases with Images

Test Case	Test Description	Expected output	Actual Output
1.	Cannot Login: Invalid user or Invalid password.	An invalid user or password should prompt the user to enter their user and password again.	Wrong password: cannot login. > Please enter your Staff Username < >> HUKUMAR > Please enter your Staff Password < >> WRONGPASSWORD [Wrong username or password] 1) Try again 2) Return to the previous page >> Wrong user: cannot login. > Please enter your Staff Username < >> wronguser > Please enter your Staff Password < >> password [Wrong username or password] 1) Try again 2) Return to the previous page >> Correct user and password: login successful. > Please enter your Staff Username < >> HUKUMAR > Please enter your Staff Password < >> password [Login Successful!] [Welcome Madhukumar!] ====================================
2.	After logging in, they should display the menu for the different users.	Staff account should print the staff menu. Student account should print the student menu. Camp committee menu should only be printed if the student is a camp committee member.	Staff menu: well toole Radhokusan:
			Camp committee menu:



4. Staff: Staff is able to create, edit and delete camps

When staff create a camp, it is added to the database with the relevant details.

Staff can edit the camp details and will update the database.

Staff can delete camps: camps will be removed from the database.

End date of camp cannot be earlier than start date:

```
> Please enter the name of the camp <
>> newcamp
> Please enter the start date (dd/MM/yyyy) <
>> 25/12/2023
> Please enter the end date (dd/MM/yyyy) <
>> 23/12/2023
[ End date cannot be before start date, please enter again ]
```

Registration date of the camp cannot be earlier than the date that the camp is created:

```
Please enter the registration deadline (dd/MM/yyyy) <</p>
>> 23/11/2023
[ Registration deadline cannot be before today's date, please enter again ]
Please enter the registration deadline (dd/MM/yyyy) <</p>
```

Checking of user-input:

```
Would you like to open it up to NTU? (Y/N)
```

Invalid choice. Please select again]

```
Maximum of 10 Camp Committee:
                                Committee slots for this camp (Min
1, Max 10, Cannot be more than or equal to total slots) <
> Please enter the number of Camp Committee slots for this camp (Min
1, Max 10, Cannot be more than or equal to total slots) <
```

Staff can create camp:

```
[ Camp created successfully ]
[ Camp added to storage ]
```

Staff can edit camp:

(before)

```
Camp Name: newcamp
Camp Start Date: 25/12/2023
Camp End Date: 27/12/2023
Camp Registration Deadline: 01/12/2023
Camp User group: NTU
Camp Location: hive
Remaining slots: 8
Remaining Camp Committee Slots: 2
Camp Description: this is a new camp
Camp Staff In-Charge: HUKUMAR
Camp Visibility: true
Camp Withdrawal List: []
Camp Attendees: []
Camp Committee Members: []
```

	(After)
	>> 5
	[Enter the new description:]
	this is a new description
	[Description changed successfully]
	======================================
	Camp Name: newcamp
	Camp Start Date: 25/12/2023
	Camp End Date: 27/12/2023
	Camp Registration Deadline: 01/12/2023
	Camp User group: NTU
	Camp Location: hive
	Remaining slots: 8
	Remaining Camp Committee Slots: 2
	Camp Description: this is a new description
	Camp Staff In-Charge: HUKUMAR
	Camp Visibility: true
	Camp Withdrawal List: []
	Camp Attendees: []
	Camp Committee Members: []

5. Staff: Staff can view all camps

Staff can view all camps created.

Staff can filter by date.

Staff can filter by location.

Staff can apply no filter.

Staff is able to view all camps (even if it is not created by him) (No filter)

(Filter by date)

(Filter by location)

```
y 4
3 Mast would you like to filter by? <
1) Oute
2) Location
3) No filter
2) Location
3) No filter
3) No filter
5) SSS:
5 SSS:
5 SSS:
6 Comp Information - SCSS:
6 Comp Information - SCSS:
7 SSS:
7
```

6. Staff: Staff can see the Staff can view only camps Staff are only able to view all camps created by list of camps that created by him. them. he/her created Camp Name: SCSE Camp Start Date: 10/12/2023 Camp End Date: 12/12/2023 Camp Registration Deadline: 01/12/2023 Camp User group: SCSE Camp Location: SCSE Remaining slots: 40 Remaining Camp Committee Slots: 10 Camp Description: SCSE CAMP Camp Staff In-Charge: HUKUMAR Camp Visibility: true Camp Withdrawal List: [] Camp Attendees: [] Camp Committee Members: [] Camp Start Date: 23/12/2023 Camp End Date: 25/12/2023 Camp Registration Deadline: 10/12/2023 Camp User group: NTU Camp Location: Field Remaining slots: 45 Remaining Camp Committee Slots: 5 Camp Description: NTU Sports Camp Camp Staff In-Charge: HUKUMAR Camp Visibility: true Camp Withdrawal List: [] Camp Attendees: [] Camp Committee Members: []

7. Staff: Staff can view and reply to enquiries from student to the camp he/her created

Staff can view enquiries from the camps he/she created.

Staff is able to reply to the enquiry.

Staff can view enquiries only to camps that they created.

(Camp they created)

```
>> SCE

[ The sender for this enquiry is YCHERN ]

[ The enquiry id for this enquiry is 1 ]

[ The enquiry message for this enquiry is this is a enquiry for the staff to see ]

[ There is no response for this enquiry ]

[ There is no responder for this enquiry ]

[ The sender for this enquiry is YCHERN ]

[ The enquiry id for this enquiry is 2 ]

[ The enquiry message for this enquiry is this is an enquiry for the camp committee ]

[ There is no response for this enquiry ]
```

(Camp they did not create)

```
>> 6
> Please enter the name of the camp <
>> ADM
[ Error... you are not the staff in charge of this camp. ]
```

(Camps that do not exist)

```
>>> 6
> Please enter the name of the camp <
>>> nonexsistent
[ Camp do not exist! ]
```

Staff can reply to enquiries to camps created by him/her.

```
>> 7
> Please enter the name of the camp <
>> SCSE
[ The sender for this enquiry is YCHERN ]
ee ]
[ There is no response for this enquiry ]
[ There is no responder for this enquiry ]
[ The sender for this enquiry is YCHERN ]
[ The enquiry id for this enquiry is 2 ]
[ The enquiry message for this enquiry is this is an enquiry for the camp committee ]
[ There is no response for this enquiry ]
[ There is no responder for this enquiry ]

> Please enter the enquiry ID that you wish to answer <
>> 1
> Please enter your response <
>> This is a response from staff
```

Staff cannot reply to enquiries that has already been replied to.

```
>> 7
> Please enter the name of the camp <
>> SCSE
[ Enquiry ID 1 ]
Enquiry Sender: YCHERN
Enquiry Message: this is an enquiry
Enquiry Response: this is a response
Enquiry Responder: HUKUMAR
> Please enter the enquiry ID that you wish to answer <
>> 1
[ There is already a response. ]
```

8. Staff: Staff can view Staff can view suggestions. When there is no suggestion. when there is no suggestion. and approve >> 8 suggestions Staff can accept/reject > Please enter the name of the camp < suggestions. >> SCSE [There is no suggestion made for this camp.] -----Staff cannot view suggestions to camps that he did not create. >> 8 > Please enter the name of the camp < >> SCSE [You are not the staff in charge!] Staff can view suggestions to camp that he created. > Please enter the name of the camp < >> small camp [The suggester is CT113] [The suggestion is This is a suggestion to reject] [The suggestion id is 2] [The suggestion has not been approved] [The suggestion has not been processed] [The suggester is CT113] [The suggestion is this is a suggestion to accept] [The suggestion id is 3] [The suggestion has not been approved] [The suggestion has not been processed] Staff can approve suggestions. >> 9 > Please enter the name of the camp < >> small camp > Please enter the Suggestion ID that you wish to approve/reject < >> 3 > Would you like to accept or reject this suggestion? < 1) Accept 2) Reject [Suggestion Accepted] Staff can reject suggestions. >> 9 > Please enter the name of the camp < >> small camp > Please enter the Suggestion ID that you wish to approve/reject < > Would you like to accept or reject this suggestion? < 1) Accept 2) Reject >> 2 [Suggestion Rejected]

Staff cannot approve/reject suggestions that have

			already been processed. >> 9 > Please enter the name of the camp < >> small camp > Please enter the Suggestion ID that you wish to approve/reject < >> 3 [Suggestion has been processed already!]
9.	Staff: Staff can generate a report of students attending each camp. Staff can also filter what they want to generate	A report will be generated. Staff can filter based on output type and report type.	Generate an attendee report in CSV. 3 > 13 > Would you like to generate list of attendees or camp committee < 1) Generate list of attendees only 2) Generate list of camp committee only 3) Generate list without filters >> 1 > Which output format will you like? < 1) CSV file 2) TXY file >> 1 > Please enter the name of the file (without file extension) < >> attendeecsv [Attendee list outputted to attendeecsv.csv successfully.] Generate a Camp Committee report in CSV. >> 13 >> Would you like to generate list of attendees or camp committee < 1) Generate list of attendees only 2) Generate list of camp committee only 3) Generate list without filters >> 2 >> Which output format will you like? < 1) CSV file 2) TXT file >> 1 >> 1 campcomm [Attendee list outputted to campcomm.csv successfully.] Generate a without filter report in CSV.
			Generate an attendee report in TXT.

```
> Would you like to generate list of attendees or camp committee <
                                                                              1) Generate list of attendees only
                                                                              Generate list of camp committee only
                                                                              3) Generate list without filters
                                                                              > Which output format will you like? <
                                                                              1) CSV file
                                                                              2) TXT file
                                                                              >> 2
                                                                              > Please enter the name of the file (without file extension) <
                                                                              [ Attendee list outputted to attendeetxt.txt successfully. ]
                                                                              Generate a Camp Committee report in TXT.
                                                                              > Would you like to generate list of attendees or camp committee <
                                                                              1) Generate list of attendees only
                                                                              2) Generate list of camp committee only
                                                                              3) Generate list without filters
                                                                              >> 2
                                                                              > Which output format will you like? <
                                                                              1) CSV file
                                                                              2) TXT file
                                                                              > Please enter the name of the file (without file extension) <
                                                                              [ Attendee list outputted to campcomm.txt successfully. ]
                                                                              Generate a without filter report in TXT.
                                                                              >> 13
                                                                              > Would you like to generate list of attendees or camp committee <
                                                                              1) Generate list of attendees only
                                                                              2) Generate list of camp committee only
                                                                              3) Generate list without filters
                                                                              >> 3
                                                                              > Which output format will you like? <
                                                                              1) CSV file
                                                                              >> 2
                                                                              > Please enter the name of the file (without file extension) <
                                                                              [ Attendee list outputted to nofilter.txt successfully. ]
       Staff: Staff can
10.
                                      A report on the performance
                                                                              Staff can generate a performance report for the
                                      of the camp committee
                                                                              camp committee.
       generate a
       performance report of
                                      member will be generated.
                                                                              >> 12
       the camp committee
                                                                              > Please enter the name of the file (without file extension) <
       members
                                                                              [ Performance report outputted to perf.txt successfully. ]
```

11. Student: Students can only view a list of camps that are open to their group and that the visibility is toggled on.

Students can only see camps that are open to their faculty/NTU with visibility on.

Students can filter based on location and date.

View from student YCHERN who is a SCSE student. Cannot see camps from other faculty and the staff camp which is hidden from students.

```
Camp Name: SCSE
Camp Start Date: 10/12/2023
Camp End Date: 12/12/2023
Camp Registration DeadLine: 01/12/2023
Camp Registration DeadLine: 01/12/2023
Camp User Group: SCSE
Remaining Slots: 40
Remaining Camp Committee Slots 10
Camp User Start Date: 23/12/2023
Camp Name: small camp
Camp Start Date: 23/12/2023
Camp Registration DeadLine: 10/12/2023
Camp End Date: 25/12/2023
Camp Registration DeadLine: 10/12/2023
Camp Registration Fished Remaining Slots: 45
Remaining Slots: 46
Remaining Slots: 45
Remaining Slots: 45
Remaining Slots: 45
Remaining Slots: 4
```

(No Filter)

(Filter based on location)

(Filter based on date)

12. Student: Students can Students can see the The camp details at case 11 shows the reminder view the remaining remaining slots of the camps slots for each camp. Students can view slots for a slots of each camp that that are open to them only. specific camp. is open to them. >> 3 > Which camp would you like to enquire? < >> SCSE [Total slots remaining is 40] They are not able to see the remaining slots for camps that are not open to them. > Which camp would you like to enquire? < >> ADM [This camp is not available to you!] System can also detect camps that do not exist. • Which camp would you like to enquire? < >> nonexistent camp Camp do not exist!] 13. Student: Students can Students can register as camp Students can register for a camp that is open to attendees. register for camp them. either as camp attendee or camp Students can register as a > Which camp would you like to register for? < > SCSE committee Camp Committee. Registration successful!] Students cannot register for camps that are not open to them. > Which camp would you like to register for? < [This camp is not open to your faculty!] Students can register for the camp committee. > Please enter the camp that you wish to register for as camp committee < [You have successfully registered as a camp committee for the camp.]

14. Student: Students can Students can send enquiries to camps that are open Students can create enquiries. submit enquiries to them. ----regarding a camp. > Which camp do you have enquiries about? < >> SCSE > Please enter your enquiry (no blanks) < >> This is an enquiry Enquiry submitted successfully.] Enquiry ID is 1] Use this enquiry ID to edit or delete your enquiry.] Students cannot send enquiries to camps that are not open to them. _____ >> 6 > Which camp do you have enquiries about? < >> ADM [Camp is not open for your faculty!] -----Students cannot send enquiries to camps that do not exist. >> 6 > Which camp do you have enquiries about? < [Camp do not exist!]

15. Student: Students can view, edit, and delete their enquiries before it is processed.

Students can view, edit, and delete their enquiries.

Once processed students will not be able to edit or delete their enquiries.

Students can view their enquiries before it is processed.

```
>> 7
[ The sender for this enquiry is YCHERN ]
[ The enquiry id for this enquiry is 1 ]
[ The enquiry message for this enquiry is This is an enquiry ]
[ There is no response for this enquiry ]
[ There is no responder for this enquiry ]
```

Students can edit their enquiries before they are processed.

Students can delete their enquiries before they are processed.

Students cannot edit their enquiries after they are processed.

Students cannot delete their enquiries after they are processed.

```
>> 9
> Which enquiry would you like to delete? Enter your enquiryID <
>> 1
[ Error. Enquiry has been responded to. ]
```

16.	Student: Status of the student's camp committee will be reflected in their profile	Students can see the camp committee status.	Students can see their camp committee status. >> 1 [Name: CALVIN] [UserID: CT113] [Faculty: SCSE] [Points as Camp-Comm: 0pts] List of registered camps
17.	Student: Student can only be camp committee for one camp but can attend multiple camps	Students can only register as a camp committee for one camp. Students can register for multiple camps.	Students can only register for one camp committee. >> 5 [You are already a camp committee of small camp] ===================================
18.	Student: Cannot register for camps if there are conflicts	Students cannot register for camp if one of the following holds. 1) There is a clash in dates. 2) Camp if full 3) Pass the camp's registration deadline	Students cannot register for camp that has a clash in dates. >> 4 >> Which camp would you like to register for? < >> UOC [Camp Sports overlaps with this camp!]

20.	Student: Student is allowed to withdraw from camps but not allowed to register for the same camp again	Students can withdraw from camp. Students cannot join back once they withdraw.	Students can withdraw from camp. >> 10 > Please enter the name of the camp that you wish to withdraw < >> Sports [Camp Removed Successfully.]
19.	Student: Student can see the camps that they have already register and his/her role	Students can see the camps they registered for and their roles.	Students cannot register for a camp past its registration deadline. >> 4 > Which camp would you like to register for? < >> past deadline [It is past the registration deadline!] Students can see all camps that they registered for as well as their role in those camps. >> 1 [Name: CALVIN] [UserID: CT113] [Faculty: SCSE] [Points as Camp-Comm: Opts]

			 > What would you like to do? < 1) View your profile 2) Submit suggestions for camps 3) View suggestion 4) Edit suggestion 5) Delete suggestion 6) View enquiries 7) Reply enquiries 8) Generate a report of the list of students attending 9) Print Camp Information 10) Return back to student Mode
22.	Camp Committee: Can submit suggestions for change to camp details to staff	Camp committee can create suggestions.	Students are able to create a suggestion. >> 2 > Please enter the suggestion for small camp (no blanks) < >> This is a suggestion. [Suggestion created successfully.]

23. Camp Committee:
Can view, edit, and
delete the details of
their suggestion before
it is processed

Camp committee can view, edit, and delete suggestions before it is processed.

Camp committee cannot view, edit, and delete suggestions after it is processed.

```
The Camp Committee can view their suggestions.
```

```
>> 3
[ The suggestion ID is 2
The suggestion is This is a suggestion to reject
The process status is false
The approval status is false ]
[ The suggestion ID is 3
The suggestion is this is a suggestion to accept
The process status is false
The approval status is false ]
[ The suggestion ID is 1
The suggestion is This is a suggestion
The process status is false
The approval status is false
The approval status is false
The approval status is false
```

Camp committee can edit their suggestion before it is processed.

```
· Which suggestion would you like to edit? Enter your suggestionID (no blanks
• What is your new suggestion? <
>> this is a updated suggestion
[ New suggestion has been saved. ]
>> 3
[ The suggestion ID is 2
The suggestion is This is a suggestion to reject
The process status is false
The approval status is false ]
The suggestion ID is 3
The suggestion is this is a suggestion to accept
The process status is false
The approval status is false ]
The suggestion ID is 1
The suggestion is this is a updated suggestion
The process status is false
The approval status is false ]
```

Camp committee can delete their suggestion before it is processed.

```
>> 5
> Which suggestion would you like to delete? Enter your suggestionID <
>> 1
[ Suggestion deleted successfully. ]
```

Camp committee cannot edit their suggestion after it is processed.

```
>> 3
[ The suggestion ID is 2
The suggestion is This is a suggestion to reject
The process status is true
The approval status is false ]
[ The suggestion ID is 3
The suggestion is this is a suggestion to accept
The process status is true
The approval status is true ]
```

	>> 4 > Which suggestion would you like to edit? Enter your suggestionID (no blanks <)
	Suggestion has already been processed 1 Camp committee cannot delete their suggestion after
	it is processed.
	<pre>>> 5 > Which suggestion would you like to delete? Enter your suggestionID < >> 1</pre>
	[Cannot Delete! Suggestion has already been processed!]

24. Camp Committee: Camp committee can view Message when there are no enquiries. Can view enquiry and enquiries. reply to enquiries [There are no enquiries for this camp] Camp committee can reply to Camp committee can see enquiries made. enquiries. The responder for this enquiry is HUKUMAR] The sender for this enquiry is YCHERN] There is no responder for this enquiry] Camp committee can reply to enquiries made. > Which enquiry would you like to respond? Enter the enquiry ID < > Please enter your response < >> this is a response from the camp committee [The enquiry message for this enquiry is this is an enquiry for the camp committee Camp committee cannot reply to enquiries that have already been responded to. > Which enquiry would you like to respond? Enter the enquiry ID < [There is already a response to this enquiry.]

25. Camp Committee:
Can generate a report
of the list of students
attending. Can filter
how they want to
generate the list

A report of the list of students attending will be generated.

Students can filter based on output type and report type.

Generate an attendee report in CSV.

```
>> 8
> Would you like to generate list of attendees or camp committee <
1) Generate list of attendees only
2) Generate list of camp committee only
3) Generate list without filters
>> 1
> Which output format will you like? <
1) CSV file
2) TXT file
>> 1
> Please enter the name of the file (without file extension). <
>> attendee
[ Attendee list outputted to attendee.csv successfully. ]
```

Generate a Camp committee report in CSV.

```
>> 8

> Would you like to generate list of attendees or camp committee <
1) Generate list of attendees only
2) Generate list of camp committee only
3) Generate list without filters
>> 2

> Which output format will you like? <
1) CSV file
2) TXT file
>> 1

> Please enter the name of the file (without file extension). <
>> campcomm
[ Attendee list outputted to campcomm.csv successfully. ]
```

Generate a report without a filter in CSV.

```
>> 8

> Would you like to generate list of attendees or camp committee <
1) Generate list of attendees only
2) Generate list of camp committee only
3) Generate list without filters
>> 3

> Which output format will you like? <
1) CSV file
2) TXT file
>> 1

> Please enter the name of the file (without file extension). <
>> withoutfilter

[ Attendee list outputted to withoutfilter.csv successfully. ]
```

Generate an attendee report in TXT.

```
>> 8
> Would you like to generate list of attendees or camp committee <
1) Generate list of attendees only
2) Generate list of camp committee only
3) Generate list without filters
>> 1
> Which output format will you like? <
1) CSV file
2) TXT file
>> 2
> Please enter the name of the file (without file extension). <
>> attendee
[ Attendee list outputted to attendee.txt successfully. ]
```

Generate a Camp committee report in TXT.

..... > Would you like to generate list of attendees or camp committee < 1) Generate list of attendees only 2) Generate list of camp committee only 3) Generate list without filters > Which output format will you like? < 1) CSV file 2) TXT file > Please enter the name of the file (without file extension). < >> campcomm Generate a report without a filter in TXT. > Would you like to generate list of attendees or camp committee < 1) Generate list of attendees only 2) Generate list of camp committee only 3) Generate list without filters >> 3 > Which output format will you like? < 1) CSV file 2) TXT file > Please enter the name of the file (without file extension). <

26. Camp Committee: Students get one point for Before doing anything, the camp committee's point Gets one point for each enquiry replied. is zero. each enquiry replied > 1 and each suggestion Students get one point for [Name: KOH] UserID: KOH1] given. Additional each suggestion given. point for each Students get one point for Points as Camp-Comm: Opts] accepted suggestion accepted suggestions. List of registered camps | Camp Name | Role | ADM | Camp Committee After submitting a suggestion. [Name: KOH] [UserID: KOH1] [Faculty: ADM] [Points as Camp-Comm: 1pts] List of registered camps | Camp Committee After replying to an enquiry. Name: KOH] UserID: KOH1] Faculty: ADM] Points as Camp-Comm: 2pts] List of registered camps Camp Name | Role | Camp Committee After suggestion is accepted. [Name: KOH] [UserID: KOH1] Faculty: ADM] Points as Camp-Comm: 3pts] List of registered camps Camp Name | Role | Camp Committee 27. Camp Committee: Camp committee can Profile to show that student is a camp committee Cannot quit from withdraw from camps that and attendee. they are attending but not camp from camps that they are a camp committee.