Testing

3.1 Main Menu- Student Login

Test	Actual Output
1. **Invalid password** denies entry. User is prompted to reattempt.	``` == Login Menu == Log in as a: 1: Student 2: Staff == Enter 1 for Student Login, 2 for Staff Login (enter a to exit menu): 1 == Student Login Enter UserID:don84 Enter password:pass123 == Wrong password. Re-attempting login. ```
2. Users must **change password** on first-time entry and relog. Otherwise, proceed to student menu	``` == Login Menu == Log in as a: 1: Student 2: Staff == Enter 1 for Student Login, 2 for Staff Login (enter a to exit menu): 1 == Student Login Enter UserID:don84 Enter password:password == User login succussful Student : DONG (ADM) First time Login, please change password Enter your current password password Enter your new password pass Re-enter your new password pass Password changed successfully. You are required to re-login. == Student Login Enter UserID: ```

3.2 Student Menu

```
========================================================
                    Student Menu
========================================================
1: Reset your password
2: View All Camps
3: Register for a Camp
4: View Registered Camp
5: Submit Enquiries regarding a Camp
6: View/Edit/Delete Enquiries
7: Withdraw from Camp
8: Enter Camp Committee Menu (Only for Committee Members)
9: Log-out
========================================================
```

Test	Actual Output
1. Student must view all available camps to him/her	``` == List of Camps: == 1: Camp Name: carnival Date: 14/01/2024 to 20/01/2024 Registration Deadline: 12/12/2023 Total Slots Remaining (Attendee):100 (Committee Slots): 5 Location: NTU Description: carnival games StaffInCharge: ARVI == 2: Camp Name: scse camp Date: 12/12/2023 to 14/12/2023 Registration Deadline: 11/12/2023 Total Slots Remaining (Attendee):100 (Committee Slots): 5 Location: NTU Description: coding camp StaffInCharge: HUKUMAR == ```

| 2. Select the camps to register as camp attendee or committee | ```
Enter Camp Name
carnival
Register as:
 1: camp attendee
 2: camp committee member
2
Successfully register the camp as a camp committee.
``` |
| 3. Submit enquiries for a camp | ```
Camp you are enquiring about: carnival
Type your enquiry message here: How much does it cost?
Success. Enquiry posted.
``` |
| 4. View camp(s) that user has registered for | ```
==========================================================
                  Registered list of Camps:
==========================================================
1: Camp Name: carnival
Date: 14/01/2024 to 20/01/2024
Registration Deadline: 12/12/2023
Total Slots Remaining (Attendee):99 (Committee Slots): 4
Location: NTU
Description: carnival games
StaffInCharge: ARVI
==========================================================
2: Camp Name: scse camp
Date: 12/12/2023 to 14/12/2023
Registration Deadline: 11/12/2023
Total Slots Remaining (Attendee):99 (Committee Slots): 5
Location: NTU
Description: coding camp
StaffInCharge: HUKUMAR
==========================================================
``` |

| 5. View reply to enquiry, and status of enquiry - "processed" or "pending" | ```
============================================================
                    List of Enquiries Posted:
============================================================
1: Camp Name: carnival | Date: 25/11/2023 | Status: Pending
============================================================
1: View Enquiry
2: Edit Enquiry
3: Delete Enquiry
4: Back
Select an option: 1




============================================================
                    List of Enquiries Posted:
============================================================
1: Camp Name: carnival | Date: 25/11/2023 | Status: Pending
============================================================
Select your enquiry:    1


============================================================
Camp Name: carnival | Date: 25/11/2023 | Status: Pending
============================================================
DON84 (25/11/2023): How much does it cost?
============================================================
``` |
| 6. Withdraw from camps. | ```
 Enter the name of the camp to withdraw from
 scse camp
 Successfully withdraw from the camp.
``` |
| 7. Cannot rejoin camp from which the student withdrew. | ```
Enter Camp Name
scse camp
You've withdrawn from this camp before
``` |

3.3 Staff Menu

```
============================================================
                        Staff Menu
============================================================
1: Reset your password
2: Create Camp
3: Edit Camp
4: Delete Camp
5: Toggle Visibility of Camp
6: View All Camps
7: View My Camps
8: View List of Students in a Camp
9: View Enquiries from Students
10: View/Approve Suggestions to Changes to Camp Details
11: Generate Report for Camp
12: Generate Performance Report of Camp Committee Members
13: Generate Enquiry Report
14: Log-out
============================================================
```

Test	Evidence
| 1. Create a camp by inputting the required data. (Assume all inputs are valid) | ```
Enter your option: 2

Enter camp name:SCSE CAMP
Enter camp start date (DD/MM/YYYY):
12/12/2023
Enter camp end date (DD/MM/YYYY):
15/12/2023
Enter camp registration closing date (DD/MM/YYYY):
10/12/2023
Enter user group this camp is open to:SCSE
Enter camp location:NTU
Enter camp committee slots:5
Enter camp total slots:100
Enter camp description:Coding CAMP
Enter new camp visibility (on/off):on
Successfully create camp.
``` |

2. Edit camp.(given a choice to edit what camp information to edit).	```
            Edit Camp Information
==
1: Edit Camp Name
2: Edit Camp Dates
3: Edit Registration Closing Date
4: Edit User Group Camp is Open To
5: Edit Camp Location
6: Edit Camp Committee Slot
7: Edit Total Slots
8: Edit Camp Description
9: Edit Camp Visibility
10: Save Changes and Back
==
7

Enter camp total slots:40
==
            Edit Camp Information
==
1: Edit Camp Name
2: Edit Camp Dates
3: Edit Registration Closing Date
4: Edit User Group Camp is Open To
5: Edit Camp Location
6: Edit Camp Committee Slot
7: Edit Total Slots
8: Edit Camp Description
9: Edit Camp Visibility
10: Save Changes and Back
==
10
```
*Changed total slots from 100 to 40* |
| 3. Toggle visibility of camp (only able to change if camp has no one registered) | ```
Enter camp name:scse camp
The visibility cannot be toggled
```
```
Enter camp name:scse camp 2
Enter new camp visibility (on/off):on
Successfully set the visibility to: on
``` |

| 4. View list of students that have registered for the camp as attendees or committee can be viewed. | ```
Enter the camp name in which you would like to see the attendees: scse camp


========================================================
                List of Students:
========================================================
                List of Camp Committee:
========================================================
1: YCHERN
========================================================
``` |
| 5. View Suggestions and Accept/Reject Suggestion | ```
=================================================================================
                          List of Suggestions Received:
=================================================================================
1: Camp Name: scse camp | StudentID: YCHERN | Date: 25/11/2023 | Status: Processed
=================================================================================
1: View Suggestion
2: Approve/Decline Suggestion
3: Back
Select an option: 2

Select your Suggestion:    1
Would you like to approve/decline the suggestion made to scse camp.
1: Approve Suggestion
2: Decline Suggestion
3: Back
1
Suggestion approve successfully.
``` |
| 6. Generate report for camp, performance of camp committee and enquiry | ```
======================================
[1] Generate Committee  List
[2] Generate Attendee  List
[3] Generate All
======================================
Select an option: 3
Enter the file name:
reports
File created: reports.txt
File written Success
``` |

| | ```
Enter the file name:
performaces
File created: performaces.txt
Successfully wrote to the file.
``` |
| | ```
Enter the file name:
enquiries
File created: enquiries.txt
File written Success
``` |

3.4 Camp Committee Menu

```
==========================================================
                  Camp Committee Menu |
==========================================================
1: View Camps Registered
2: View List of Students in a Camp
3: Submit suggestions to camp detail
4: View/Edit/Delete Pending Suggestions
5: View Enquiries from Attendees
6: Generate Report for Camp
7: Student Menu
==========================================================
Enter your option:
```

Test	Actual Output
1. View list of students in camp	```==
                  List of Students:
==
1: DL007
==
2: LE51
==
                  List of Camp Committee:
==
1: YCHERN
==

==
                  Camp Committee Menu
==``` |
| 2. Submit suggestions to staff for changes to camp details. | ```Enter your option: 3

Type your suggestion message here: push back registration date
Success. Suggestion posted successfully.
==``` |

3. View, edit and delete the details of his/her unprocessed suggestions	**Sub-menu for view, edit and delete Suggestions** ``` Enter your option: 4 == List of Suggestions Posted: == 1 Camp Name: scse camp	Date: 25/11/2023	Status: Processed == 2 Camp Name: scse camp	Date: 25/11/2023	Status: Pending == 1: View Suggestion 2: Edit Suggestion 3: Delete Suggestion 4:Back ``` **View:** ``` Select an option: 1 == List of Suggestions Posted: == 1: Camp Name: scse camp	Date: 25/11/2023	Status: Processed == 2: Camp Name: scse camp	Date: 25/11/2023	Status: Pending == Select your Suggestion: 2 == Camp Name: scse camp	Date: 25/11/2023	Status: Pending == YCHERN (25/11/2023): push back registration date OUTCOME OF SUGGESTION: PENDING == ``` **Edit:** ``` Select an option: 2 == List of Suggestions Posted: == 1: Camp Name: scse camp	Date: 25/11/2023	Status: Processed == 2: Camp Name: scse camp	Date: 25/11/2023	Status: Pending == Select your Suggestion: 2 Enter your new suggestion: bring forward registration date Your suggestion has been updated successfully. ```

	Delete: ``` Select an option: 3 === List of Suggestions Posted: === 1: Camp Name: scse camp	Date: 25/11/2023	Status: Processed === 2: Camp Name: scse camp	Date: 25/11/2023	Status: Pending === Select your Suggestion: 2 Your suggestion has been successfully deleted. ```
4. View and reply to enquiries from students from the camp he/she oversees.	**View:** ``` Enter your option: 5 === List of Enquiries Received: === 1: StudentID: LE51	Date: 25/11/2023	Status: Processed === 2: StudentID: DL007	Date: 25/11/2023	Status: Pending === 1: View Enquiry 2: Answer Enquiry 3: Back Select an option: 1 Select your enquiry: 2 === Camp Name: scse camp	Date: 25/11/2023	Status: Pending === DL007 (25/11/2023): Do we need to bring extra clothes? === ``` **Reply:** ``` Select an option: 2 Select your enquiry: 2 Response to the enquiry: Yes, please also remember to bring extra shoes. Response posted successfully. ``` **View reply from student's account:**

```
================================================================
Camp Name: scse camp | Date: 25/11/2023 | Status: Processed
================================================================
DL007 (25/11/2023): Do we need to bring extra clothes?
YCHERN (25/11/2023): Yes, please also remember to bring extra shoes.
================================================================
```