

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
displayMenu	1	This function displays the main menu where the user can choose to access the Admin Module, Reservation Module, or exit the program.	1	Call displayAdminModule()	Call displayAdminModule()	P
displayAdminModule	2	This function displays the Admin Module where the user can import rooms and reservations.	1	Call ImportReservations(Info, &rec)	Call ImportReservations(Info, &rec)	P
displayReservationModule	3	This function displays the Reservation Module where the user can create, edit, and delete a reservation.	2	Call CreateReservation(Info, Class, &rec, &Roomcount)	Call CreateReservation(Info, Class, &rec, &Roomcount)	p
ImportRooms	4	This function asks the user to input a filename of a text file. It then iterates through each line and scans the values into the struct BRooms Class array.	Rooms.txt	IMPORTING ROOMS... (Display all rooms and capacities) Total no of rooms imported: 31 IMPORTING ROOMS COMPLETED	IMPORTING ROOMS... (Display all rooms and capacities) Total no of rooms imported: 31 IMPORTING ROOMS COMPLETED	P

ImportReservations	5	This function asks the user to input a filename of a text file. It then iterates through each line and scans the values into the struct ReserveInfo Info array.	ReservationIn.txt	<p>IMPORTING RESERVATIONS...</p> <p>(Display all reservations with details)</p> <p>Total no of reservations imported: 2</p> <p>IMPORTING RESERVATIONS COMPLETED</p>	<p>IMPORTING RESERVATIONS...</p> <p>(Display all reservations with details)</p> <p>Total no of reservations imported: 2</p> <p>IMPORTING RESERVATIONS COMPLETED</p>	P
DisplayRooms	6	This function displays all the available rooms, room types, and capacities. It also displays all the available time slots according to the room type.	1 in displayAdminModule	<p>Displaying Rooms and Time</p> <p>Total number of Rooms: 31</p> <p>(Display all rooms, room types, and capacities)</p> <p>These are the available time slots (display time slots for M, T, H, F) (display time slots for W, S)</p>	<p>Displaying Rooms and Time</p> <p>Total number of Rooms: 31</p> <p>(Display all rooms, room types, and capacities)</p> <p>These are the available time slots (display time slots for M, T, H, F) (display time slots for W, S)</p>	P
ReservationCount	7	This function checks how many reservations are present under an ID number and returns the count	N/A	Return 1	Return 1	P
CreateReservation	8	This function allows the user to create a reservation, asking for input for the following:	12345678 Frosh Mclovin Year 1 CS-ST	—RESERVATION MADE— ID Number: 12345678 Name of Reserver: Frosh Mclovin	Player: Raiki Score: 0 Name of Reserver: Frosh Mclovin	P

		ID, Full Name, Year, Program, Date of Reservation, Time slot, Num. of Participants, and Description of Activity. It also sets the status of the reservation as "Not Completed".	08/04/2023 09:15-10:45 G0101 39 Party	Year 1 Program: CS-ST Date of Reservation: 08/04/2023 Time of Reservation: 09:15-10:45 Selected Room: G0101 Number of Participants: 39 Description of Activity: Party	Year 1 Program: CS-ST Date of Reservation: 08/04/2023 Time of Reservation: 09:15-10:45 Selected Room: G0101 Number of Participants: 39 Description of Activity: Party	
EditReservation	9	This function lets the user edit the details of a specific reservation of their choosing. Details are the following: ID, Name, Year, Program, Date of Reservation, Time slot, Num of Participants, Description, and Status. If Status is set to "Complete," then the reservation gets deleted.	Reservation number [x]: 1 Option: 1 New ID: 12207268 !	(Display all current reservations) Reservation number [x]: 1 (Display all reservation details) Option: 1 New ID: 12207268 Change made. Press Enter to continue edit or enter [!] to exit ! (Exit EditReservation, go back to displayReservationModule	(Display all current reservations) Reservation number [x]: 1 (Display all reservation details) Option: 1 New ID: 12207268 Change made. Press Enter to continue edit or enter [!] to exit ! (Exit EditReservation, go back to displayReservationModule	P

DeleteReservation	10	This function lets the user select a specific reservation to delete. It asks for confirmation and proceeds with the delete if yes.	<p>Please input the reservation number of the customer [index]: 0</p> <p>Are you sure you want to delete this reservation? (Y/N): Y</p>	<p>(Display all reservations with their indexes) Please input the reservation number of the customer [index]: 0</p> <p>Are you sure you want to delete this reservation? (Y/N): Y</p> <p>Reservation deleted. Returning...</p>	<p>(Display all reservations with their indexes) Please input the reservation number of the customer [index]: 0</p> <p>Are you sure you want to delete this reservation? (Y/N): Y</p> <p>Reservation deleted. Returning...</p>	P
ExportReservations	11	This function creates a text file named "ReservationList.txt" and exports all the current reservations to that file. This is called when the user chooses to exit the program.	N/A	<p>EXPORTING RESERVATIONS...</p> <p>—RESERVATIONS EXPORTED—</p> <p>EXPORTING COMPLETED RESERVATIONS EXPORTED: 1</p>	<p>EXPORTING RESERVATIONS...</p> <p>—RESERVATIONS EXPORTED—</p> <p>EXPORTING COMPLETED RESERVATIONS EXPORTED: 1</p>	P