

**UNIVERSITI TUNKU ABDUL RAHMAN**

**LEE KONG CHIAN FACULTY OF ENGINEERING AND SCIENCE**

**UECS1144 OBJECT-ORIENTED APPLICATION DEVELOPMENT**

**GROUP ASSIGNMENT**

**June 2025 Trimester**

<b>NO.</b>	<b>STUDENT NAME</b>	<b>PROGRAMME</b>	<b>Practical Group</b>
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Part	Component	None/ Missing	Unsatisfactory	Needs Improvement	Acceptable	Good	Excellent	Max Marks	Marks Obtained	Remarks
2	System Requirements Specification (SRS)							10		
3	UML Class Diagram (Notation used, relationship, multiplicities)							25		
4	Implementation/ Functionalities							40		
	Exception Handling							5		
	Program Style: Naming Rules							5		
	Program Style: Comments							5		
	Presentation / General Effort							10		
	<b>Total</b>							<b>100</b>		
	Remarks (for Examiner only):									

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## **System Design**

### **1.1 Introduction**

The Campsite Site or Cabin Reservation System is designed to simplify the process of booking campsites, cabins or glampings spots in nature parks by providing an efficient and user-friendly platform for both customers and administrators.

Developed in Java, this system uses object-oriented programming principles such as inheritance, polymorphism, file handling, exception handling and so on, ensuring that application is maintainable and making it suitable for real-world deployment in small to medium-sized nature parks or resorts.

### **1.2 System Requirements Specification (SRS)**

The system delivers 13 core functionalities essential for reservation management:

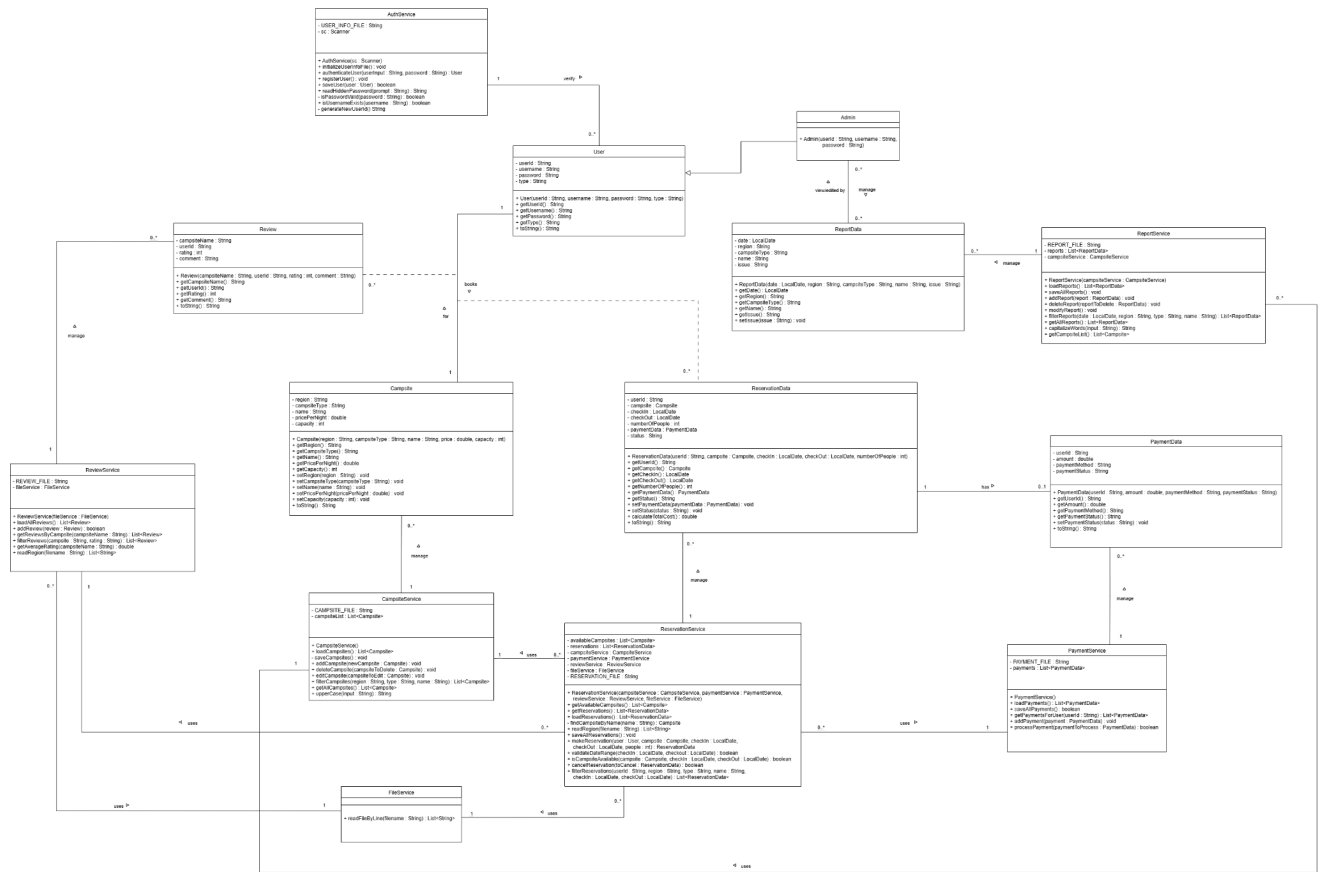
<b>Functionality</b>	<b>Description</b>	<b>Input</b>	<b>Expected Output</b>	<b>Precondition</b>	<b>User Interaction</b>
User Registration	New user or administrator can sign up by UserName	UserName, Password and Password Confirmation	<ul style="list-style-type: none"> <li>- Success / Failure messages occur</li> <li>- User/Admin details saved to text file, called user_Into.txt</li> </ul>	<ul style="list-style-type: none"> <li>- Invalid for existed user</li> <li>- Invalid for wrong format of password</li> <li>- Password and Confirm Password must be matched</li> </ul>	Enter UserName, Password and Confirm Password
User Login	New user or administrator can log in by using specific User ID or UserName	User ID/UserName and Password	<ul style="list-style-type: none"> <li>- User details saved to text file, called into.txt</li> <li>- Access to appropriate menu</li> </ul>	<ul style="list-style-type: none"> <li>- User must be registered in system</li> <li>- Valid UserID/UserName</li> <li>- Valid Password</li> </ul>	Enter User ID/UserName and Password
Viewing Details	View campsites, cabins,	Select specific option	All details informations displayed	User must be logged in	Select search option from menu

	glamping spots, price or capacity				
Searching for Available Campsites Spots by Location or Types	Users search based on filter criteria	Select filter option	Details displayed by locations and types	<ul style="list-style-type: none"> <li>- User must be logged in</li> <li>- Campsites data must available in system</li> </ul>	Choose to view all campsites at once or filter by locations and types
Making Reservation	Reserves a campsite with date and guest validation	<ul style="list-style-type: none"> <li>- Select campsite</li> <li>- Check-in, Check-out dates with proper format</li> <li>- Number of guests</li> </ul>	<ul style="list-style-type: none"> <li>- Reservation summary with total cost</li> <li>- Reservation saves to text file, called reserves.txt</li> <li>- Display error message if invalid dates or capacity</li> </ul>	<ul style="list-style-type: none"> <li>- User must be logged in</li> <li>- Campsite must be available for selected dates</li> <li>- Must not exceed the campsite capacity</li> </ul>	<ul style="list-style-type: none"> <li>- Select campsite from available options</li> <li>- Enter check-in and check-out dates</li> <li>- Enter number of guests</li> <li>- View booking summary and confirm</li> </ul>
Cancellation of Reservation	Cancel existing reservation from both memory list and text file	Select reserved campsite	<ul style="list-style-type: none"> <li>- Display reservation status</li> <li>- Remove reserved campsite from text file, called reserves.txt</li> </ul>	<ul style="list-style-type: none"> <li>- User must be logged in</li> <li>- Reservation must exist</li> </ul>	- Select reserved campsite option
Payment Processing	Handle payment for reservations via multiple payment methods	<ul style="list-style-type: none"> <li>- Select reserved campsite</li> <li>- Select payment method</li> <li>- Payment confirmation</li> </ul>	<ul style="list-style-type: none"> <li>- Payment success / failure message</li> <li>- Update reservation status</li> <li>- Payment records to text file, called</li> </ul>	<ul style="list-style-type: none"> <li>- User must be logged in</li> <li>- Must have unpaid reservations</li> </ul>	<ul style="list-style-type: none"> <li>- Select reserved campsite option</li> <li>- Select payment option</li> <li>- Payment confirmation</li> </ul>

			payments.txt		
Reviews / Feedbacks	Submit reviews, comments and ratings for certain campsites	<ul style="list-style-type: none"> <li>- Select campsite</li> <li>- Rating (1-5 stars)</li> <li>- Comments</li> <li>- Submission confirmation</li> </ul>	<ul style="list-style-type: none"> <li>- Review success confirmation</li> <li>- Update average rating for campsite</li> <li>- Review saves to text file, called review.txt</li> <li>- Error message for invalid rating</li> </ul>	User must be logged in	<ul style="list-style-type: none"> <li>- Select review option</li> <li>- Select campsite to review</li> <li>- Provide rating and comments</li> <li>- Confirm review submission</li> </ul>
Admin Registration	Allows an authenticated administrator to register a new admin account with a new username and password.	New username and a new password, confirmed twice.	A new admin account is created with a unique user ID starting with "A" and is saved to user_Info.txt. A success message is displayed.	An existing admin must be logged in to access this functionality. The chosen username must not already exist, and the password must be at least 8 characters long, containing uppercase letters, lowercase letters, and numbers.	An admin user enters a username and is prompted to enter and confirm the password.
Manage Campsites	Allows admin to add, modify, or delete campsites.	<p>Admin selects an option (add, modify, delete).</p> <p>For adding, they input region, type, name, price, and capacity.</p> <p>For modifying/deleting, they select a campsite and</p>	<p>The campsites_Info.txt file is updated. A success or cancellation message is displayed.</p> <ul style="list-style-type: none"> <li>- New campsite added successfully</li> <li>- Campsite</li> </ul>	The user must be logged in as an admin.	Admin navigates the menu, enters details for new campsites, or selects existing ones to update or remove.

		provide new details or a confirmation.	modified successfully - Campsite deleted successfully		
View all reservation	Allows admin to view all reservation made by users	No input	Display a list of all reservations in tabular form	- Admin must be logged in - Reservation data must exist	Select “View Reservation” option on admin menu
View feedback	Allows admin to access and review feedback written by users	No input	Displays a list of feedback including user ID, date, and comments	- Admin must be logged in - Feedback record must exist	Admin selects “View Feedback” option on admin menu
Manage report	Allows admin to review, add, modify, delete reports	Report type Date Region and type	- Displays filter report - Display report after add, modify, and delete	- Admin must be logged in - Report must exist	- Select add - Select modify - Select delete - Select quit  -Select filter 1. Enter year, month, date 2. Enter type 3. Enter region 4. Enter name 5. Select show result 6. Select quit

# Class Diagram (Draw io)





## Sample Output

```
=====
                        WELCOME TO THE CAMPING RESERVATION SYSTEM
=====
1) Login
2) Register new user account
3) Exit
Enter your choice:
```

Here is the main page of the system for users to select <1> to login, <2> to register and <3> to exit.

```
=====
                        WELCOME TO THE CAMPING RESERVATION SYSTEM
=====
1) Login
2) Register new user account
3) Exit
Enter your choice: f

Invalid Choice. Please Enter Option '1', '2', or '3'
Press Enter to continue...
```

Invalid Option

## User

```
=====
                        WELCOME TO THE CAMPING RESERVATION SYSTEM
=====
1) Login
2) Register new user account
3) Exit
Enter your choice: 2

----- Register New User Account -----
Q to quit at any time.
Enter new Username: Ashley
Enter new Password: Ashley123
Confirm new Password:

New user account registered successfully with ID: U003
Press Enter to continue...
```

Registration Option to register a new account as an user. Identification number of the user will be assigned.

```

=====
                        WELCOME TO THE CAMPING RESERVATION SYSTEM
=====
1) Login
2) Register new user account
3) Exit
Enter your choice: 2

----- Register New User Account -----
Q to quit at any time.
Enter new Username: Ashley
Username already exists. Please choose a different one.
Press Enter to continue...

```

UserName Existed

```

=====
                        WELCOME TO THE CAMPING RESERVATION SYSTEM
=====
1) Login
2) Register new user account
3) Exit
Enter your choice: 2

----- Register New User Account -----
Q to quit at any time.
Enter new Username: John Albert
Enter new Password: John1

Password must be at least 8 characters long and contain at least one uppercase letter, one lowercase letter, and one number.
Enter new Password:

```

Invalid Password for registration

```

=====
                        WELCOME TO THE CAMPING RESERVATION SYSTEM
=====
1) Login
2) Register new user account
3) Exit
Enter your choice: 2

----- Register New User Account -----
Q to quit at any time.
Enter new Username: q
Registration cancelled.
Press Enter to continue...

```

Option Q to cancel registration

```

=====
WELCOME TO THE CAMPING RESERVATION SYSTEM
=====
1) Login
2) Register new user account
3) Exit
Enter your choice: 1

----- User Login -----
Enter User ID or Username: Ashley
Enter Password: Ashley123

Login Successful! Welcome, Ashley.

```

```

=====
WELCOME TO THE CAMPING RESERVATION SYSTEM
=====
1) Login
2) Register new user account
3) Exit
Enter your choice: 1

----- User Login -----
Enter User ID or Username: U003
Enter Password: Ashley123

Login Successful! Welcome, Ashley.

```

Login Option. The user successfully login to the system by using UserID or UserName.

```

=====
WELCOME TO THE CAMPING RESERVATION SYSTEM
=====
1) Login
2) Register new user account
3) Exit
Enter your choice: 1

----- User Login -----
Enter User ID or Username: Ashley
Enter Password: Ash123
Invalid User ID/Username or Password. Please try again.
Press Enter to continue...

```

Invalid Password for Login.

```

=====
                        USER PORTAL
=====
<1> Search and Reserve Campsite
<2> View Reservation
<3> Cancel Reservation
<4> Give Feedbacks
<5> View Payment History
<6> Make Payment
<L> Logout
-----
Enter Option >> e
|----- Invalid Option, Pls Try Again! -----

```

Invalid Option

```

=====
                        USER PORTAL
=====
<1> Search and Reserve Campsite
<2> View Reservation
<3> Cancel Reservation
<4> Give Feedbacks
<5> View Payment History
<6> Make Payment
<L> Logout
-----
Enter Option >> L

```

Logout to the previous menu.

```

=====
                        USER PORTAL
=====
<1> Search and Reserve Campsite
<2> View Reservation
<3> Cancel Reservation
<4> Give Feedbacks
<5> View Payment History
<6> Make Payment
<L> Logout
-----
Enter Option >> 1

```

Select Option 1 to display all the campsites for search and reserve a campsite.

ALL AVAILABLE CAMPSITES				
NAME	REGION	TYPE	PRICE	CAPACITY
< 1> Ogawa 66R Tent	Cameron Highlands	Tent	RM 520.00	5
< 2> Premium Series Air Tent	Cameron Highlands	Tent	RM 568.00	2
< 3> Tulip OW Tent	Cameron Highlands	Tent	RM 600.00	3
< 4> Tunnel Tent	Cameron Highlands	Tent	RM 568.00	4
< 5> Rainforest Retreat Cabin	Cameron Highlands	Cabin	RM 750.00	4
< 6> Tea Plantation View Cabin	Cameron Highlands	Cabin	RM 850.00	6
< 7> Mossy Forest Cabin	Cameron Highlands	Cabin	RM 920.00	4
< 8> Strawberry Fields Glamp	Cameron Highlands	Glamping	RM 680.00	2
< 9> Misty Mountain Glamping	Cameron Highlands	Glamping	RM 780.00	2
<10> Sunset Beach Glamping	Langkawi	Glamping	RM 850.00	2
<11> Private Island Glamping	Langkawi	Glamping	RM 1200.00	2
<12> Beachfront RV Spot	Langkawi	RV Site	RM 600.00	6
<13> Mangrove View RV Park	Langkawi	RV Site	RM 550.00	4
<14> Beachside Tent	Langkawi	Tent	RM 350.00	2
<15> Jungle Canopy Tent	Langkawi	Tent	RM 420.00	2
<16> Pantai Cenang Beach Cabin	Langkawi	Cabin	RM 850.00	4
<17> Sunset Cove Cabin	Langkawi	Cabin	RM 950.00	2
<18> Private Beachfront Chalet	Langkawi	Cabin	RM 1200.00	6
<19> Rainforest Canopy Cabin	Langkawi	Cabin	RM 780.00	2
<20> Mangrove View Cabin	Langkawi	Cabin	RM 700.00	4
<21> Mountain Peak Cabin	Langkawi	Cabin	RM 1100.00	4
<22> Canopy Rainforest Tent	Taman Negara	Tent	RM 350.00	2
<23> Riverside Explorer Tent	Taman Negara	Tent	RM 400.00	4
<24> Rainforest Explorer Tent	Taman Negara	Tent	RM 180.00	2
<25> Riverside Safari Tent	Taman Negara	Tent	RM 220.00	4
<26> Canopy Tree Cabin	Taman Negara	Cabin	RM 420.00	3
<27> Tahan Hideaway Lodge	Taman Negara	Cabin	RM 380.00	6
<28> Jungle Sky Pod	Taman Negara	Glamping	RM 900.00	2
<29> Belum Rainforest Dome	Taman Negara	Glamping	RM 680.00	2
<30> Rainforest Bubble Tent	Taman Negara	Glamping	RM 750.00	2
<31> Coral Bay Beach Tent	Tioman Island	Tent	RM 450.00	2
<32> Juara Turtle Beach Tent	Tioman Island	Tent	RM 500.00	2
<33> Tekek Beachfront Chalet	Tioman Island	Cabin	RM 1100.00	4
<34> Tekek Beach Wooden Chalet	Tioman Island	Cabin	RM 550.00	4
<35> Juara Turtle Cabin	Tioman Island	Cabin	RM 480.00	6
<36> Overwater Transparent Bubble	Tioman Island	Glamping	RM 1800.00	2
<37> Monkey Bay Luxury Safari Tent	Tioman Island	Glamping	RM 1200.00	2
<38> Cloud Forest Camp	Genting Highlands	Tent	RM 500.00	4
<39> Alpine Wooden Cabin	Genting Highlands	Cabin	RM 550.00	6
<40> Mountain View Log Cabin	Genting Highlands	Cabin	RM 950.00	6
<41> Mossy Forest Retreat	Genting Highlands	Cabin	RM 650.00	4
<42> Skyway Glass Pod	Genting Highlands	Glamping	RM 980.00	2
<42> Skyway Glass Pod	Genting Highlands	Glamping	RM 980.00	2
<43> Misty Mountain Bubble	Genting Highlands	Glamping	RM 850.00	2
<44> Genting Highlands RV Park	Genting Highlands	RV Site	RM 400.00	8
<45> Long Beach Basic Camp	Perhentian Islands	Tent	RM 300.00	2
<46> Coral Garden Dive Camp	Perhentian Islands	Tent	RM 400.00	2
<47> Rainforest Beach Hut	Perhentian Islands	Cabin	RM 800.00	4
<48> Turtle Beach Chalet	Perhentian Islands	Cabin	RM 450.00	6
<49> Moonlight Bay Luxury Tent	Perhentian Islands	Glamping	RM 1100.00	2
<50> Starfish Beach Bubble2	Perhentian Islands	Glamping	RM 620.00	3
<F>ilter <B>ack				
Enter Option >> b				

Back Option will return back to the previous menu.

<43> Misty Mountain Bubble	Genting Highlands	Glamping	RM 850.00	2
<44> Genting Highlands RV Park	Genting Highlands	RV Site	RM 400.00	8
<45> Long Beach Basic Camp	Perhentian Islands	Tent	RM 300.00	2
<46> Coral Garden Dive Camp	Perhentian Islands	Tent	RM 400.00	2
<47> Rainforest Beach Hut	Perhentian Islands	Cabin	RM 800.00	4
<48> Turtle Beach Chalet	Perhentian Islands	Cabin	RM 450.00	6
<49> Moonlight Bay Luxury Tent	Perhentian Islands	Glamping	RM 1100.00	2
<50> Dnamie Glamping Luxury Tent	Perhentian Islands	Glamping	RM 620.00	3

-----

<F>filter    <B>ack

-----

Enter Option >> 100

----- Invalid Option, Pls Try Again! -----

Press Enter to continue...

Invalid Option.

<42> Skyway Glass Pod	Genting Highlands	Glamping	RM 980.00	2
<43> Misty Mountain Bubble	Genting Highlands	Glamping	RM 850.00	2
<44> Genting Highlands RV Park	Genting Highlands	RV Site	RM 400.00	8
<45> Long Beach Basic Camp	Perhentian Islands	Tent	RM 300.00	2
<46> Coral Garden Dive Camp	Perhentian Islands	Tent	RM 400.00	2
<47> Rainforest Beach Hut	Perhentian Islands	Cabin	RM 800.00	4
<48> Turtle Beach Chalet	Perhentian Islands	Cabin	RM 450.00	6
<49> Moonlight Bay Luxury Tent	Perhentian Islands	Glamping	RM 1100.00	2
<50> Starfish Beach Bubble2	Perhentian Islands	Glamping	RM 620.00	3

-----

<F>filter    <B>ack

-----

Enter Option >> f|

Filter Option to filter campsites by regions and types.

=====				
SELECT REGION				
=====				
<1> Cameron Highlands				
<2> Genting Highlands				
<3> Langkawi				
<4> Perhentian Islands				
<5> Taman Negara				
<6> Tioman Island				
<B> Back				

-----

Enter Option >> |

Here will filter the campsites by regions

```

=====
                        SELECT REGION
=====
<1> Cameron Highlands
<2> Genting Highlands
<3> Langkawi
<4> Perhentian Islands
<5> Taman Negara
<6> Tioman Island
<B> Back
-----
Enter Option >> 7
----- Invalid Option, Pls Try Again! -----
Press Enter to continue...

```

Invalid Option.

```

=====
                        SELECT REGION
=====
<1> Cameron Highlands
<2> Genting Highlands
<3> Langkawi
<4> Perhentian Islands
<5> Taman Negara
<6> Tioman Island
<B> Back
-----
Enter Option >> 1|

```

Select preferred region. Let's say we select Option 1.

```

=====
                        SELECT CAMPSITE TYPE
=====
<1> Tent
<2> Cabin
<3> RV Site
<4> Glamping
<B> Back
-----
Enter Option >> |

```

The information will then filter again by campsite types.

```

=====
                        SELECT CAMPSITE TYPE
=====
<1> Tent
<2> Cabin
<3> RV Site
<4> Glamping
<B> Back
-----
Enter Option >> e
----- Invalid Option, Pls Try Again! -----
Press Enter to continue...

```

Invalid Option

```

=====
                        SELECT CAMPSITE TYPE
=====
<1> Tent
<2> Cabin
<3> RV Site
<4> Glamping
<B> Back
-----
Enter Option >> 1

```

Select Option 1 to choose Tent

```

TENT IN CAMERON HIGHLANDS
-----
NAME                               | TYPE   | PRICE                | CAPACITY
-----
<1> Ogawa 66R Tent                 | Tent   | RM 520.00/night     | Max 5
<2> Premium Series Air Tent        | Tent   | RM 568.00/night     | Max 2
<3> Tulip OW Tent                  | Tent   | RM 600.00/night     | Max 3
<4> Tunnel Tent                    | Tent   | RM 568.00/night     | Max 4
<B> Back
-----
Select a campsite to reserve >> 4

```

Select Option 4 to reserve campsite

```

=====
Reserving: Tunnel Tent
=====
<Q>uit at any time
Enter check-in date (YYYY-MM-DD): 2025-11-11
Enter check-out date (YYYY-MM-DD): 2025-11-13
Number of people: 2

-----
BOOKING SUMMARY
-----
Campsite      : Tunnel Tent
Type          : Tent
Dates         : 2025-11-11 to 2025-11-13
Duration      : 2 nights
Guests        : 2 guests
Total         : RM 2272.00
-----
Confirm booking? (Y/N): y

=====
BOOKING CONFIRMED!

Total Cost: RM 2272.00
=====
Press Enter to continue...

```

Confirm Booking



```

=====
Reserving: Tunnel Tent
=====
<Q>uit at any time
Enter check-in date (YYYY-MM-DD): 2025-10-10
Enter check-out date (YYYY-MM-DD): 2025-10-12
Number of people: 2

-----
BOOKING SUMMARY
-----
Campsite      : Tunnel Tent
Type          : Tent
Dates         : 2025-10-10 to 2025-10-12
Duration      : 2 nights
Guests        : 2 guests
Total         : RM 2272.00
-----
Confirm booking? (Y/N): n
|----- BOOKING CANCELLED -----
Press Enter to continue...

```

### Cancel Booking

```

=====
Reserving: Tunnel Tent
=====
<Q>uit at any time
Enter check-in date (YYYY-MM-DD): 2025-10-10
Enter check-out date (YYYY-MM-DD): 2025-10-12
Number of people: 2

-----
BOOKING SUMMARY
-----
Campsite      : Tunnel Tent
Type          : Tent
Dates         : 2025-10-10 to 2025-10-12
Duration      : 2 nights
Guests        : 2 guests
Total         : RM 2272.00
-----
Confirm booking? (Y/N): e
----- Invalid Option, Pls Try Again! -----
Press Enter to continue...

```

Invalid Option. It should be either Yes(Y/y) or No(N/n).

```

=====
Reserving: Tunnel Tent
=====
<Q>uit at any time
Enter check-in date (YYYY-MM-DD): 2025-12-12
Enter check-out date (YYYY-MM-DD): 2025-12-14
----- CAMPSITE UNAVAILABLE -----
This campsite has been booked!
Press Enter to continue...

```

Campsite not available if it has been booked during the specific time period

```

=====
Reserving: Tunnel Tent
=====
<Q>uit at any time
Enter check-in date (YYYY-MM-DD): 2025-12-12
Enter check-out date (YYYY-MM-DD): 2025-12-10
--- Check-out date must be after check-in date ---
Press Enter to continue...

```

```

=====
Reserving: Tunnel Tent
=====
<Q>uit at any time
Enter check-in date (YYYY-MM-DD): 2025-12-12
Enter check-out date (YYYY-MM-DD): 2025-12-10
--- Check-out date must be after check-in date ---
Press Enter to continue...

<Q>uit at any time
Enter check-in date (YYYY-MM-DD): 2025-11
--- Invalid Date Format! Please use YYYY-MM-DD ---
<Q>uit at any time
Enter check-in date (YYYY-MM-DD): 2025-11-1
|--- Invalid Date Format! Please use YYYY-MM-DD ---
<Q>uit at any time
Enter check-in date (YYYY-MM-DD):

```

Invalid Date Format

```

=====
Reserving: Tunnel Tent
=====
<Q>uit at any time
Enter check-in date (YYYY-MM-DD): 2025-09-09
Enter check-out date (YYYY-MM-DD): 2025-09-12
Number of people: 10
----- Full Capacity! Maximum 4 People -----
Number of people:

```

Full capacity of the campsite

```

=====
Reserving: Tunnel Tent
=====
<Q>uit at any time
Enter check-in date (YYYY-MM-DD): 2025-09-09
Enter check-out date (YYYY-MM-DD): 2025-09-12
Number of people: 10
----- Full Capacity! Maximum 4 People -----
Number of people: q
Reservation cancelled
Press Enter to continue...

```

Enter Q/q to quit at any time

```

=====
USER PORTAL
=====
<1> Search and Reserve Campsite
<2> View Reservation
<3> Cancel Reservation
<4> Give Feedbacks
<5> View Payment History
<6> Make Payment
<L> Logout
=====
Enter Option >> 2

```

Select Option 2 to view reservation details

```

=====
                                YOUR RESERVATIONS
=====
Reservation #1
-----
Campsite   : Tunnel Tent
Region    : Cameron Highlands
Type      : Tent
Check-in   : 2025-12-12
Check-out  : 2025-12-15
People     : 2
Total Cost: RM 3408.0
-----
Reservation #2
-----
Campsite   : Tunnel Tent
Region    : Cameron Highlands
Type      : Tent
Check-in   : 2025-11-11
Check-out  : 2025-11-13
People     : 2
Total Cost: RM 2272.0
-----
Press Enter to continue...

```

Here is the reservation details of the user

```

=====
                                USER PORTAL
=====
<1> Search and Reserve Campsite
<2> View Reservation
<3> Cancel Reservation
<4> Give Feedbacks
<5> View Payment History
<6> Make Payment
<L> Logout
-----
Enter Option >> 3

```

Select Option 3 to cancel the reservation

```

=====
                                CANCEL RESERVATION
=====
<1> Tunnel Tent - 2025-12-12 to 2025-12-15
<2> Tunnel Tent - 2025-11-11 to 2025-11-13
<B>ack
-----
Enter Option >> 1

```

Select Option 1 to cancel the reservation of Tunnel Tent

```

=====
                        CANCEL RESERVATION
=====
<1> Tunnel Tent - 2025-12-12 to 2025-12-15
<2> Tunnel Tent - 2025-11-11 to 2025-11-13
<B>ack
-----
Enter Option >> 1

Reservation Details:
-----
Campsite      : Tunnel Tent
Region        : Cameron Highlands
Type          : Tent
Check-in      : 2025-12-12
Check-out     : 2025-12-15
People        : 2
Total         : RM 3408.00
-----
Confirm cancellation? (Y/N): n
|----- CANCELLATION FAILED -----
Press Enter to continue...

```

Enter N/n to cancel the cancellation

```

=====
                        CANCEL RESERVATION
=====
<1> Tunnel Tent - 2025-12-12 to 2025-12-15
<2> Tunnel Tent - 2025-11-11 to 2025-11-13
<B>ack
-----
Enter Option >> 1

Reservation Details:
-----
Campsite      : Tunnel Tent
Region        : Cameron Highlands
Type          : Tent
Check-in      : 2025-12-12
Check-out     : 2025-12-15
People        : 2
Total         : RM 3408.00
-----
Confirm cancellation? (Y/N): y
|----- CANCELLATION SUCCESSFUL -----
Press Enter to continue...

```

Enter Y/y to successfully cancel the reservation

```

=====
                        CANCEL RESERVATION
=====
<1> Tunnel Tent - 2025-11-11 to 2025-11-13
<B>ack
-----
Enter Option >> 2
|----- Invalid Option, Pls Try Again! -----
Press Enter to continue...

```

Invalid Option

```
=====
                        CANCEL RESERVATION
=====
No Reservations Found To Cancel
-----
```

The system will show no reservation found if there is no available reservation

```
=====
                        USER PORTAL
=====
<1> Search and Reserve Campsite
<2> View Reservation
<3> Cancel Reservation
<4> Give Feedbacks
<5> View Payment History
<6> Make Payment
<L> Logout
-----
Enter Option >> 4|
```

Select Option 4 to give feedbacks or reviews

```

=====
GIVE REVIEW
=====
< 1> Ogawa 66R Tent (Avg Rating: 5.0)
< 2> Premium Series Air Tent (Avg Rating: 0.0)
< 3> Tulip OW Tent (Avg Rating: 0.0)
< 4> Tunnel Tent (Avg Rating: 0.0)
< 5> Rainforest Retreat Cabin (Avg Rating: 0.0)
< 6> Tea Plantation View Cabin (Avg Rating: 4.5)
< 7> Mossy Forest Cabin (Avg Rating: 0.0)
< 8> Strawberry Fields Glamp (Avg Rating: 0.0)
< 9> Misty Mountain Glamping (Avg Rating: 0.0)
<10> Sunset Beach Glamping (Avg Rating: 0.0)
<11> Private Island Glamping (Avg Rating: 0.0)
<12> Beachfront RV Spot (Avg Rating: 0.0)
<13> Mangrove View RV Park (Avg Rating: 0.0)
<14> Beachside Tent (Avg Rating: 0.0)
<15> Jungle Canopy Tent (Avg Rating: 0.0)
<16> Pantai Cenang Beach Cabin (Avg Rating: 0.0)
<17> Sunset Cove Cabin (Avg Rating: 0.0)
<18> Private Beachfront Chalet (Avg Rating: 0.0)
<19> Rainforest Canopy Cabin (Avg Rating: 0.0)
<20> Mangrove View Cabin (Avg Rating: 0.0)
<21> Mountain Peak Cabin (Avg Rating: 4.0)
<22> Canopy Rainforest Tent (Avg Rating: 0.0)
<23> Riverside Explorer Tent (Avg Rating: 0.0)
<24> Rainforest Explorer Tent (Avg Rating: 0.0)
<25> Riverside Safari Tent (Avg Rating: 0.0)
<26> Canopy Tree Cabin (Avg Rating: 0.0)
<27> Tahan Hideaway Lodge (Avg Rating: 0.0)
<28> Jungle Sky Pod (Avg Rating: 0.0)
<29> Belum Rainforest Dome (Avg Rating: 0.0)
<30> Rainforest Bubble Tent (Avg Rating: 0.0)
<31> Coral Bay Beach Tent (Avg Rating: 0.0)
<32> Juara Turtle Beach Tent (Avg Rating: 0.0)
<33> Tekek Beachfront Chalet (Avg Rating: 0.0)
<34> Tekek Beach Wooden Chalet (Avg Rating: 0.0)
<35> Juara Turtle Cabin (Avg Rating: 0.0)
<36> Overwater Transparent Bubble (Avg Rating: 0.0)
<37> Monkey Bay Luxury Safari Tent (Avg Rating: 0.0)
<38> Cloud Forest Camp (Avg Rating: 4.0)
<39> Alpine Wooden Cabin (Avg Rating: 3.0)
<40> Mountain View Log Cabin (Avg Rating: 0.0)
<41> Mossy Forest Retreat (Avg Rating: 0.0)
<42> Skyway Glass Pod (Avg Rating: 0.0)

<43> Misty Mountain Bubble (Avg Rating: 0.0)
<44> Genting Highlands RV Park (Avg Rating: 0.0)
<45> Long Beach Basic Camp (Avg Rating: 0.0)
<46> Coral Garden Dive Camp (Avg Rating: 0.0)
<47> Rainforest Beach Hut (Avg Rating: 0.0)
<48> Turtle Beach Chalet (Avg Rating: 0.0)
<49> Moonlight Bay Luxury Tent (Avg Rating: 0.0)
<50> Starfish Beach Bubble2 (Avg Rating: 0.0)

-----
<F>ilter <B>ack
-----
Enter Option >> 1

```

Select any number of the campsite or Filter it to find specific campsite to give comments.

```

<43> Misty Mountain Bubble      (Avg Rating: 0.0)
<44> Genting Highlands RV Park  (Avg Rating: 0.0)
<45> Long Beach Basic Camp      (Avg Rating: 0.0)
<46> Coral Garden Dive Camp     (Avg Rating: 0.0)
<47> Rainforest Beach Hut       (Avg Rating: 0.0)
<48> Turtle Beach Chalet        (Avg Rating: 0.0)
<49> Moonlight Bay Luxury Tent  (Avg Rating: 0.0)
<50> Starfish Beach Bubble2     (Avg Rating: 0.0)

```

```

<F>filter    <B>back

```

```

Enter Option >> f

```

Let's says we filter it

#### SELECT REGION

```

<1> Cameron Highlands
<2> Genting Highlands
<3> Langkawi
<4> Perhentian Islands
<5> Taman Negara
<6> Tioman Island
<B> Back

```

```

Enter Option >> 1

```

Option 1 to choose Cameron Highlands

#### SELECT CAMPSITE TYPE

```

<1> Tent
<2> Cabin
<3> RV Site
<4> Glamping
<B> Back

```

```

Enter Option >> 1

```

Option 1 to choose Tent

#### TENT IN CAMERON HIGHLANDS

NAME	TYPE	PRICE	CAPACITY
<1> Ogawa 66R Tent	Tent	RM 520.00/night	Max 5
<2> Premium Series Air Tent	Tent	RM 568.00/night	Max 2
<3> Tulip OW Tent	Tent	RM 600.00/night	Max 3
<4> Tunnel Tent	Tent	RM 568.00/night	Max 4
<B> Back			

```

Select Campsite to View/Add Reviews: 4

```

Option 4 to choose Tunnel Tent to view or add reviews.



```

=====
REVIEWS FOR: Tunnel Tent
=====
No reviews yet for this campsite
-----
<1> Add New Review
<B> Back to Campsite List
-----
Enter option:

```

There is no reviews for this campsite yet

```

=====
REVIEWS FOR: Tunnel Tent
=====
No reviews yet for this campsite
-----
<1> Add New Review
<B> Back to Campsite List
-----
Enter option: 1

```

Option 1 to add new review

```

=====
SUBMIT NEW REVIEW
=====
<Q>uit at any time
Enter your rating (1-5 stars): 6
----- Rating must be between 1 and 5 -----
<Q>uit at any time
Enter your rating (1-5 stars):

```

Invalid Rating Number

```

=====
SUBMIT NEW REVIEW
=====
<Q>uit at any time
Enter your rating (1-5 stars): 6
----- Rating must be between 1 and 5 -----
<Q>uit at any time
Enter your rating (1-5 stars): 2
Enter your review comment: Bad service

Submit this review? (Y/N): n
|----- Review Cancelled -----
Press Enter to continue...

```

Enter N/n to cancel the review

```

=====
                        SUBMIT NEW REVIEW
=====
<Q>uit at any time
Enter your rating (1-5 stars): 2
Enter your review comment: Bad service

Submit this review? (Y/N): y
----- Review Submitted Successfully! -----
Press Enter to continue...

```

Enter Y/y to successfully submit the review

```

=====
                        REVIEWS FOR: Tunnel Tent
=====
User ID      | Rating | Comment
-----
U001         | 2      | Bad service
-----
<1> Add New Review
<B> Back to Campsite List
-----
Enter option:

```

Now, there is a review for the Tunnel Tent

```

=====
                        REVIEWS FOR: Tunnel Tent
=====
User ID      | Rating | Comment
-----
U001         | 2      | Bad service
-----
<1> Add New Review
<B> Back to Campsite List
-----
Enter option: 2
----- Invalid Option, Pls Try Again! -----
Press Enter to continue...

```

Invalid Option

```

=====
                        USER PORTAL
=====
<1> Search and Reserve Campsite
<2> View Reservation
<3> Cancel Reservation
<4> Give Feedbacks
<5> View Payment History
<6> Make Payment
<L> Logout
=====
Enter Option >> 5

```

Select Option 5 to view payment history

```

=====
                        PAYMENT HISTORY
=====
No payment history found
=====
Press Enter to continue...

```

No payment history found if no payment made before

```

=====
                        PAYMENT HISTORY
=====
Payment U001: RM 1200.00 via Credit Card      - COMPLETED
Payment U001: RM 1200.00 via Debit Card       - COMPLETED
Payment U001: RM 6600.00 via Online Banking  - COMPLETED
Payment U001: RM 3720.00 via E-wallet TNG    - COMPLETED
=====
Press Enter to continue...

```

Payment history shown if payment has been made

```

=====
                        USER PORTAL
=====
<1> Search and Reserve Campsite
<2> View Reservation
<3> Cancel Reservation
<4> Give Feedbacks
<5> View Payment History
<6> Make Payment
<L> Logout
=====
Enter Option >> 6

```

Select option 6 to make payment

```

=====
MAKE PAYMENT
=====
<1> Tunnel Tent (2 people) from 2025-11-01 to 2025-11-03 - Total: RM 2272.00
<B> Back
-----
Enter Option >> 1

```

Select option 1 to make payment for Tunnel Tent reservation

```

=====
MAKE PAYMENT
=====
<1> Tunnel Tent (2 people) from 2025-11-01 to 2025-11-03 - Total: RM 2272.00
<B> Back
-----
Enter Option >> 1

Select Payment Method:
<1> Credit Card
<2> Debit Card
<3> Online Banking
<4> E-wallet TNG
<B> Back
Enter Option >> 4
-----Payment successfull-----
Press Enter to continue...

```

Select option 4 to choose E-wallet TNG as the payment method. Here we assume that as long as the user chooses the payment method, then the payment will be successful

## Admin

```
=====
WELCOME TO THE CAMPING RESERVATION SYSTEM
=====
1) Login
2) Register new user account
3) Exit
Enter your choice: 1

----- User Login -----
Enter User ID or Username: admin
Enter Password: Admin123123

Login Successful! Welcome, admin.

Admin Menu - Logged in as: admin
```

## Admin Login

```
=====
ADMIN PORTAL
=====
1) Register New Admin Account
2) Modify Camping Stuffs
3) View All Reservations
4) View User Feedback
5) Manage Reports
L) Logout
Enter your choice: a

Invalid choice. Please enter a number from 1 to 5, or 'L' to logout.
Press Enter to continue...
```

## Input validation

```
=====
ADMIN PORTAL
=====
1) Register New Admin Account
2) Modify Camping Stuffs
3) View All Reservations
4) View User Feedback
5) Manage Reports
L) Logout
Enter your choice: 1
```

## Select option 1 to register new admin account

```
=====
Register new Admin
=====
<Q> to quit at any time
Enter new Username: admin2
Username already exists. Please choose a different one.
Press Enter to continue...
```

## Validation for admin username

```
=====
                                Register new Admin
=====
<Q> to quit at any time
Enter new Username: admin3
Enter new Password: Admin

Password must be at least 8 characters long and contain at least one uppercase letter, one lowercase letter, and one number.
Press Enter to continue...
```

Validation for password

```
=====
                                Register new Admin
=====
<Q> to quit at any time
Enter new Username: admin3
Enter new Password:
Confirm new Password:
New admin account registered successfully with ID: A004
Press Enter to continue...
```

New admin account registered successfully

```
=====
                                ADMIN PORTAL
=====
1) Register New Admin Account
2) Modify Camping Stuffs
3) View All Reservations
4) View User Feedback
5) Manage Reports
L) Logout
Enter your choice: 2
```

Select option 2 to modify camping stuffs

CAMPSITE MANAGER					
All Campsites:					
No.	Region	Type	Site Name	Price	Capacity
1	Cameron Highlands	Tent	Ogawa 66R Tent	RM520.00	5
2	Cameron Highlands	Tent	Premium Series Air Tent	RM568.00	2
3	Cameron Highlands	Tent	Tulip OW Tent	RM600.00	3
4	Cameron Highlands	Tent	Tunnel Tent	RM568.00	4
5	Cameron Highlands	Cabin	Rainforest Retreat Cabin	RM750.00	4
6	Cameron Highlands	Cabin	Tea Plantation View Cabin	RM850.00	6
7	Cameron Highlands	Cabin	Mossy Forest Cabin	RM920.00	4
8	Cameron Highlands	Glamping	Strawberry Fields Glamp	RM680.00	2
9	Cameron Highlands	Glamping	Misty Mountain Glamping	RM780.00	2
10	Langkawi	Glamping	Sunset Beach Glamping	RM850.00	2
11	Langkawi	Glamping	Private Island Glamping	RM1200.00	2
12	Langkawi	RV Site	Beachfront RV Spot	RM600.00	6
13	Langkawi	RV Site	Mangrove View RV Park	RM550.00	4
14	Langkawi	Tent	Beachside Tent	RM350.00	2
15	Langkawi	Tent	Jungle Canopy Tent	RM420.00	2
16	Langkawi	Cabin	Pantai Cenang Beach Cabin	RM850.00	4
17	Langkawi	Cabin	Sunset Cove Cabin	RM950.00	2
18	Langkawi	Cabin	Private Beachfront Chalet	RM1200.00	6
19	Langkawi	Cabin	Rainforest Canopy Cabin	RM780.00	2
20	Langkawi	Cabin	Mangrove View Cabin	RM700.00	4
21	Langkawi	Cabin	Mountain Peak Cabin	RM1100.00	4
22	Taman Negara	Tent	Canopy Rainforest Tent	RM350.00	2
23	Taman Negara	Tent	Riverside Explorer Tent	RM400.00	4
24	Taman Negara	Tent	Rainforest Explorer Tent	RM180.00	2
25	Taman Negara	Tent	Riverside Safari Tent	RM220.00	4
26	Taman Negara	Cabin	Canopy Tree Cabin	RM420.00	3
27	Taman Negara	Cabin	Tahan Hideaway Lodge	RM380.00	6
28	Taman Negara	Glamping	Jungle Sky Pod	RM900.00	2
29	Taman Negara	Glamping	Belum Rainforest Dome	RM680.00	2
30	Taman Negara	Glamping	Rainforest Bubble Tent	RM750.00	2
31	Tioman Island	Tent	Coral Bay Beach Tent	RM450.00	2
32	Tioman Island	Tent	Juara Turtle Beach Tent	RM500.00	2
33	Tioman Island	Cabin	Tekek Beachfront Chalet	RM1100.00	4
34	Tioman Island	Cabin	Tekek Beach Wooden Chalet	RM550.00	4
35	Tioman Island	Cabin	Juara Turtle Cabin	RM480.00	6
36	Tioman Island	Cabin	Juara Turtle Cabin	RM480.00	6
37	Tioman Island	Glamping	Overwater Transparent Bubble	RM1800.00	2
38	Tioman Island	Glamping	Monkey Bay Luxury Safari Tent	RM1200.00	2
39	Genting Highlands	Tent	Cloud Forest Camp	RM500.00	4
40	Genting Highlands	Cabin	Alpine Wooden Cabin	RM550.00	6
41	Genting Highlands	Cabin	Mountain View Log Cabin	RM950.00	6
42	Genting Highlands	Cabin	Mossy Forest Retreat	RM650.00	4
43	Genting Highlands	Glamping	Skyway Glass Pod	RM980.00	2
44	Genting Highlands	Glamping	Misty Mountain Bubble	RM850.00	2
45	Genting Highlands	RV Site	Genting Highlands RV Park	RM400.00	8
46	Perhentian Islands	Tent	Long Beach Basic Camp	RM300.00	2
47	Perhentian Islands	Tent	Coral Garden Dive Camp	RM400.00	2
48	Perhentian Islands	Cabin	Rainforest Beach Hut	RM800.00	4
49	Perhentian Islands	Cabin	Turtle Beach Chalet	RM450.00	6
50	Perhentian Islands	Glamping	Moonlight Bay Luxury Tent	RM1100.00	2
51	Perhentian Islands	Glamping	Dnami Glamping Luxury Tent	RM620.00	3
Options: <F>ilter <A>dd <M>odify <D>elete <Q>uit					
Choose an option: f					
Filter Campsites (<Q>uit at any time)					
Choose filter <R>egion <T>ype <N>ame <S>how results <Q>uit:					

View all current campsites information and enter F/f to filter the campsite list

```
Choose filter <R>egion <T>ype <N>ame <S>how results <Q>uit: r
Enter region blank to skip: Langkawi
Choose filter <R>egion <T>ype <N>ame <S>how results <Q>uit: s
```

Filtered Campsites:

No.	Region	Type	Site Name	Price	Capacity
1	Langkawi	Glamping	Sunset Beach Glamping	RM850.00	2
2	Langkawi	Glamping	Private Island Glamping	RM1200.00	2
3	Langkawi	RV Site	Beachfront RV Spot	RM600.00	6
4	Langkawi	RV Site	Mangrove View RV Park	RM550.00	4
5	Langkawi	Tent	Beachside Tent	RM350.00	2
6	Langkawi	Tent	Jungle Canopy Tent	RM420.00	2
7	Langkawi	Cabin	Pantai Cenang Beach Cabin	RM850.00	4
8	Langkawi	Cabin	Sunset Cove Cabin	RM950.00	2
9	Langkawi	Cabin	Private Beachfront Chalet	RM1200.00	6
10	Langkawi	Cabin	Rainforest Canopy Cabin	RM780.00	2
11	Langkawi	Cabin	Mangrove View Cabin	RM700.00	4
12	Langkawi	Cabin	Mountain Peak Cabin	RM1100.00	4

Press Enter to continue...

Select the field that wanted to filter, for example enter R/r to filter the campsite list based on the region, then enter “Langkawi” to filter the campsites based on the region Langkawi, and enter S/s to show the filtered campsites result

Filter Campsites (<Q>uit at any time)

```
Choose filter: <R>egion <T>ype <N>ame <S>how results <Q>uit: r
Enter region or leave blank: perhentian Islands
Choose filter: <R>egion <T>ype <N>ame <S>how results <Q>uit: t
Enter type or leave blank: Glamping
Choose filter: <R>egion <T>ype <N>ame <S>how results <Q>uit: n
Enter name or leave blank: Starfish Beach bubble2
Choose filter: <R>egion <T>ype <N>ame <S>how results <Q>uit: s
```

Filtered Campsites:

No.	Region	Type	Site Name	Price	Capacity
1	Perhentian Islands	Glamping	Starfish Beach Bubble2	RM620.00	3

Press Enter to continue...

Filter with all field and show result

45	Perhentian Islands	Tent	Long Beach Basic Camp	RM300.00	2
46	Perhentian Islands	Tent	Coral Garden Dive Camp	RM400.00	2
47	Perhentian Islands	Cabin	Rainforest Beach Hut	RM800.00	4
48	Perhentian Islands	Cabin	Turtle Beach Chalet	RM450.00	6
49	Perhentian Islands	Glamping	Moonlight Bay Luxury Tent	RM1100.00	2
50	Perhentian Islands	Glamping	Dnemie Glamping Luxury Tent	RM620.00	3

Options: <F>ilter <A>dd <M>odify <D>elete <Q>uit

Choose an option: a

Enter A/a to add a new campsite



```

=====
                        ADD NEW CAMPING SITE
=====
Select type:
1) Tent
2) Cabin
3) Glamping
4) Back
Enter choice (1-4): 1

```

Choose type for the new camping site

```

Enter Q to quit at any time.
Enter site name: Sun Tent
Enter region (or Q to cancel):
Region cannot be empty.
Enter region (or Q to cancel): asd
Invalid region!
Enter region (or Q to cancel): Genting highlands
Enter price: -1
Price cannot be negative.
Enter price: asd
Invalid price! Please enter a number (e.g. 150.50).
Enter price: 700
Enter capacity: -1
Capacity must be greater than 0.
Enter capacity: asd
Invalid capacity! Please enter a whole number (e.g. 4).
Enter capacity: 5
New Tent in Genting Highlands added successfully!

```

Input validation for region, price, and capacity and example of successfully added new camping site

```

47 | Perhentian Islands | Cabin | Rainforest Beach Hut | RM800.00 | 4
48 | Perhentian Islands | Cabin | Turtle Beach Chalet | RM450.00 | 6
49 | Perhentian Islands | Glamping | Moonlight Bay Luxury Tent | RM1100.00 | 2
50 | Perhentian Islands | Glamping | Starfish Beach Bubble2 | RM620.00 | 3
51 | Genting Highlands | Tent | Sun Tent | RM700.00 | 5
=====
Options: <F>ilter <A>dd <M>odify <D>elete <Q>uit
=====
Choose an option:

```

The new added campsite information will be shown in the updated campsite list

```

45 | Perhentian Islands | Tent | Long Beach Basic Camp | RM300.00 | 2
46 | Perhentian Islands | Tent | Coral Garden Dive Camp | RM400.00 | 2
47 | Perhentian Islands | Cabin | Rainforest Beach Hut | RM800.00 | 4
48 | Perhentian Islands | Cabin | Turtle Beach Chalet | RM450.00 | 6
49 | Perhentian Islands | Glamping | Moonlight Bay Luxury Tent | RM1100.00 | 2
50 | Perhentian Islands | Glamping | Dnamie Glamping Luxury Tent | RM620.00 | 3
=====
Options: <F>ilter <A>dd <M>odify <D>elete <Q>uit
=====
Choose an option: m

```

Enter M/m to modify the current available campsite information

```

46 | Perhentian Islands | Tent | Coral Garden Dive Camp | RM400.00 | 2
47 | Perhentian Islands | Cabin | Rainforest Beach Hut | RM800.00 | 4
48 | Perhentian Islands | Cabin | Turtle Beach Chalet | RM450.00 | 6
49 | Perhentian Islands | Glamping | Moonlight Bay Luxury Tent | RM1100.00 | 2
50 | Perhentian Islands | Glamping | Dnamie Glamping Luxury Tent | RM620.00 | 3
=====
Enter number to select <F>ilter <Q>uit:
=====
Enter Option: 51
Invalid Number. Please Try Again
Press Enter to continue...

```

Invalid input validation

```

48 | Perhentian Islands | Cabin | Turtle Beach Chalet | RM450.00 | 6
49 | Perhentian Islands | Glamping | Moonlight Bay Luxury Tent | RM1100.00 | 2
50 | Perhentian Islands | Glamping | Dnamie Glamping Luxury Tent | RM620.00 | 3
=====
Enter number to select <F>ilter <Q>uit:
=====
Enter Option: 50

Editing campsite: Dnamie Glamping Luxury Tent
Enter new name (or press Enter to keep current): Dynamic Glamping Luxury Tent
Enter new price (or press Enter to keep current): 680
Enter new capacity (or press Enter to keep current):
Campsite updated successfully!
Press Enter to continue...

```

Select which campsite to modify by entering the number. Enter the new name, price, or capacity that wanted to modify, and leave it blank to keep the current information

```

48 | Perhentian Islands | Cabin | Turtle Beach Chalet | RM450.00 | 6
49 | Perhentian Islands | Glamping | Moonlight Bay Luxury Tent | RM1100.00 | 2
50 | Perhentian Islands | Glamping | Dynamic Glamping Luxury Tent | RM680.00 | 3
=====
Options: <F>ilter <A>dd <M>odify <D>elete <Q>uit
=====
Choose an option:

```

The modified campsite information will be shown in the updated campsite list

```

Filter Campsites (<Q>uit at any time)

Choose filter: <R>region <T>type <N>Name <S>how results <Q>uit: r
Enter region or leave blank: genting highlands
Choose filter: <R>region <T>type <N>Name <S>how results <Q>uit: s

Filtered Campsites:
No. | Region          | Type      | Site Name          | Price      | Capacity
-----
1  | Genting Highlands | Tent      | Cloud Forest Camp  | RM500.00   | 4
2  | Genting Highlands | Cabin     | Alpine Wooden Cabin | RM550.00   | 6
3  | Genting Highlands | Cabin     | Mountain View Log Cabin | RM950.00   | 6
4  | Genting Highlands | Cabin     | Mossy Forest Retreat | RM650.00   | 4
5  | Genting Highlands | Glamping  | Skyway Glass Pod    | RM980.00   | 2
6  | Genting Highlands | Glamping  | Misty Mountain Bubble | RM850.00   | 2
7  | Genting Highlands | RV Site   | Genting Highlands RV Park | RM400.00   | 8
8  | Genting Highlands | Tent      | Moon Tent          | RM500.00   | 4
=====
Enter number to select <F>ilter <Q>uit:
=====
Enter option: 8

Editing campsite: Moon Tent
Enter new name (or press Enter to keep current):
Enter new price (or press Enter to keep current): 600
Enter new capacity (or press Enter to keep current): 6
Campsite updated successfully!

```

Filter the campsite list to easily locate the campsite requiring modification

```

49 | Perhentian Islands | Glamping  | Moonlight Bay Luxury Tent | RM1100.00 | 2
50 | Perhentian Islands | Glamping  | Starfish Beach Bubble2    | RM620.00  | 3
51 | Genting Highlands  | Tent      | Moon Tent                  | RM600.00  | 6

```

The modified campsite information will be shown in the updated campsite list

```

48 | Perhentian Islands | Cabin     | Turtle Beach Chalet      | RM450.00  | 6
49 | Perhentian Islands | Glamping  | Moonlight Bay Luxury Tent | RM1100.00 | 2
50 | Perhentian Islands | Glamping  | Dynamic Glamping Luxury Tent | RM680.00  | 3
=====
Options: <F>ilter <A>dd <M>odify <D>elete <Q>uit
=====
Choose an option: d

```

Enter D/d to delete campsite

Available Campsites:					
No.	Region	Type	Site Name	Price	Capacity
1	Cameron Highlands	Tent	Ogawa 66R Tent	RM520.00	5
2	Cameron Highlands	Tent	Premium Series Air Tent	RM568.00	2
3	Cameron Highlands	Tent	Tulip OW Tent	RM600.00	3
4	Cameron Highlands	Tent	Tunnel Tent	RM568.00	4
5	Cameron Highlands	Cabin	Rainforest Retreat Cabin	RM750.00	4
6	Cameron Highlands	Cabin	Tea Plantation View Cabin	RM850.00	6
7	Cameron Highlands	Cabin	Mossy Forest Cabin	RM920.00	4
8	Cameron Highlands	Glamping	Strawberry Fields Glamp	RM680.00	2
9	Cameron Highlands	Glamping	Misty Mountain Glamping	RM780.00	2
10	Langkawi	Glamping	Sunset Beach Glamping	RM850.00	2
11	Langkawi	Glamping	Private Island Glamping	RM1200.00	2
12	Langkawi	RV Site	Beachfront RV Spot	RM600.00	6
13	Langkawi	RV Site	Mangrove View RV Park	RM550.00	4
14	Langkawi	Tent	Beachside Tent	RM350.00	2
15	Langkawi	Tent	Jungle Canopy Tent	RM420.00	2
16	Langkawi	Cabin	Pantai Cenang Beach Cabin	RM850.00	4
17	Langkawi	Cabin	Sunset Cove Cabin	RM950.00	2
18	Langkawi	Cabin	Private Beachfront Chalet	RM1200.00	6
19	Langkawi	Cabin	Rainforest Canopy Cabin	RM780.00	2
20	Langkawi	Cabin	Mangrove View Cabin	RM700.00	4
21	Langkawi	Cabin	Mountain Peak Cabin	RM1100.00	4
22	Taman Negara	Tent	Canopy Rainforest Tent	RM350.00	2
23	Taman Negara	Tent	Riverside Explorer Tent	RM400.00	4
24	Taman Negara	Tent	Rainforest Explorer Tent	RM180.00	2
25	Taman Negara	Tent	Riverside Safari Tent	RM220.00	4
26	Taman Negara	Cabin	Canopy Tree Cabin	RM420.00	3
27	Taman Negara	Cabin	Tahan Hideaway Lodge	RM380.00	6
28	Taman Negara	Glamping	Jungle Sky Pod	RM900.00	2
29	Taman Negara	Glamping	Belum Rainforest Dome	RM680.00	2
30	Taman Negara	Glamping	Rainforest Bubble Tent	RM750.00	2
31	Tioman Island	Tent	Coral Bay Beach Tent	RM450.00	2
32	Tioman Island	Tent	Juara Turtle Beach Tent	RM500.00	2
33	Tioman Island	Cabin	Tekek Beachfront Chalet	RM1100.00	4
34	Tioman Island	Cabin	Tekek Beach Wooden Chalet	RM550.00	4
35	Tioman Island	Cabin	Juara Turtle Cabin	RM480.00	6
36	Tioman Island	Glamping	Overwater Transparent Bubble	RM1800.00	2
37	Tioman Island	Glamping	Monkey Bay Luxury Safari Tent	RM1200.00	2
38	Genting Highlands	Tent	Cloud Forest Camp	RM500.00	4
39	Genting Highlands	Cabin	Alpine Wooden Cabin	RM550.00	6
40	Genting Highlands	Cabin	Mountain View Log Cabin	RM950.00	6
41	Genting Highlands	Cabin	Mossy Forest Retreat	RM650.00	4
42	Genting Highlands	Glamping	Skyway Glass Pod	RM980.00	2
43	Genting Highlands	Glamping	Misty Mountain Bubble	RM850.00	2
44	Genting Highlands	RV Site	Genting Highlands RV Park	RM400.00	8
45	Perhentian Islands	Tent	Long Beach Basic Camp	RM300.00	2
46	Perhentian Islands	Tent	Coral Garden Dive Camp	RM400.00	2
47	Perhentian Islands	Cabin	Rainforest Beach Hut	RM800.00	4
48	Perhentian Islands	Cabin	Turtle Beach Chalet	RM450.00	6
49	Perhentian Islands	Glamping	Moonlight Bay Luxury Tent	RM1100.00	2
50	Perhentian Islands	Glamping	Dynamic Glamping Luxury Tent	RM680.00	3
=====					
Enter number to select <F>filter <Q>uit:					
=====					
Enter Option: f					
Filter Campsites (<Q>uit at any time)					
Choose filter <R>region <T>ype <N>Name <S>how results <Q>uit:					

Enter F/f to filter the campsite list

```
Enter Option: f
Filter Campsites (<Q>uit at any time)
```

```
Choose filter <R>egion <T>ype <N>ame <S>how results <Q>uit: r
Enter region blank to skip: Genting Highlands
Choose filter <R>egion <T>ype <N>ame <S>how results <Q>uit: t
Enter type blank to skip: Cabin
Choose filter <R>egion <T>ype <N>ame <S>how results <Q>uit: s
```

```
Filtered Campsites:
```

No.	Region	Type	Site Name	Price	Capacity
1	Genting Highlands	Cabin	Alpine Wooden Cabin	RM550.00	6
2	Genting Highlands	Cabin	Mountain View Log Cabin	RM950.00	6
3	Genting Highlands	Cabin	Mossy Forest Retreat	RM650.00	4

```
Enter number to select <F>ilter <Q>uit:
```

```
Enter Option:
```

Filter the campsites based on region, type, or name

```
Filtered Campsites:
```

No.	Region	Type	Site Name	Price	Capacity
1	Genting Highlands	Cabin	Alpine Wooden Cabin	RM550.00	6
2	Genting Highlands	Cabin	Mountain View Log Cabin	RM950.00	6
3	Genting Highlands	Cabin	Mossy Forest Retreat	RM650.00	4

```
Enter number to select <F>ilter <Q>uit:
```

```
Enter Option: 1
```

```
Are you sure you want to delete Alpine Wooden Cabin? (Y/N):
```

```
Enter option: y
```

```
Campsite deleted successfully!
```

```
Press Enter to continue...
```

Choose the campsite to delete

36	Tioman Island	Glamping	Overwater Transparent Bubble	RM1800.00	2
37	Tioman Island	Glamping	Monkey Bay Luxury Safari Tent	RM1200.00	2
38	Genting Highlands	Tent	Cloud Forest Camp	RM500.00	4
39	Genting Highlands	Cabin	Mountain View Log Cabin	RM950.00	6
40	Genting Highlands	Cabin	Mossy Forest Retreat	RM650.00	4
41	Genting Highlands	Glamping	Skyway Glass Pod	RM980.00	2
42	Genting Highlands	Glamping	Misty Mountain Bubble	RM850.00	2
43	Genting Highlands	RV Site	Genting Highlands RV Park	RM400.00	8
44	Perhentian Islands	Tent	Long Beach Basic Camp	RM300.00	2
45	Perhentian Islands	Tent	Coral Garden Dive Camp	RM400.00	2
46	Perhentian Islands	Cabin	Rainforest Beach Hut	RM800.00	4
47	Perhentian Islands	Cabin	Turtle Beach Chalet	RM450.00	6
48	Perhentian Islands	Glamping	Moonlight Bay Luxury Tent	RM1100.00	2
49	Perhentian Islands	Glamping	Dynamic Glamping Luxury Tent	RM680.00	3

```
Options: <F>ilter <A>dd <M>odify <D>elete <Q>uit
```

```
Choose an option:
```

Successfully deleted the selected campsite

```

7 | Cameron Highlands | Cabin | Mossy Forest Cabin | RM920.00 | 4
8 | Cameron Highlands | Glamping | Strawberry Fields Glamp | RM680.00 | 2
9 | Cameron Highlands | Glamping | Misty Mountain Glamping | RM780.00 | 2
=====
Enter number to select <F>ilter <Q>uit:
=====
Enter Option: 1
Are you sure you want to delete Ogawa 66R Tent? (Y/N):
Enter option: n
Deletion cancelled
Press Enter to continue...

```

Deletion cancelled

```

=====
ADMIN PORTAL
=====
1) Register New Admin Account
2) Modify Camping Stuffs
3) View All Reservations
4) View User Feedback
5) Manage Reports
L) Logout
Enter your choice: 3

```

Select option 3 to view all reservations

```

=====
ALL RESERVATIONS
=====
User ID | Region | Type | Site Name | Price | Guests | Check-in | Check-out
=====
U002 | Langkawi | RV Site | Beachfront RV Spot | RM9000.00 | 5 | 2025-10-12 | 2025-10-15
U002 | Langkawi | Cabin | Mangrove View Cabin | RM6300.00 | 3 | 2025-12-12 | 2025-12-15
U002 | Perhentian Islands | Tent | Long Beach Basic Camp | RM3000.00 | 2 | 2025-10-10 | 2025-10-15
U003 | Taman Negara | Tent | Canopy Rainforest Tent | RM1400.00 | 2 | 2025-11-11 | 2025-11-13
U003 | Tioman Island | Glamping | Overwater Transparent Bubble | RM14400.00 | 2 | 2025-12-11 | 2025-12-15
=====
Options: <F>ilter <Q>uit: aa
Invalid choice!
Press Enter to continue...

```

View all reservation and input validation

ALL RESERVATIONS							
User ID	Region	Type	Site Name	Price	Guests	Check-in	Check-out
U002	Langkawi	RV Site	Beachfront RV Spot	RM9000.00	5	2025-10-12	2025-10-15
U002	Langkawi	Cabin	Mangrove View Cabin	RM6300.00	3	2025-12-12	2025-12-15
U002	Perhentian Islands	Tent	Long Beach Basic Camp	RM3000.00	2	2025-10-10	2025-10-15
U003	Taman Negara	Tent	Canopy Rainforest Tent	RM1400.00	2	2025-11-11	2025-11-13
U003	Tioman Island	Glamping	Overwater Transparent Bubble	RM14400.00	2	2025-12-11	2025-12-15
U001	Langkawi	Tent	Jungle Canopy Tent	RM2520.00	2	2025-09-09	2025-09-12

Options: <F>ilter <Q>uit: f  
 Choose field to filter: <D>ate <R>egion <T>ype <N>ame <U>serID <S>how results <Q>uit: r  
 Enter region or leave blank: Langkawi  
 Choose field to filter: <D>ate <R>egion <T>ype <N>ame <U>serID <S>how results <Q>uit: s

User ID	Region	Type	Site Name	Price	Guests	Check-in	Check-out
U002	Langkawi	RV Site	Beachfront RV Spot	RM9000.00	5	2025-10-12	2025-10-15
U002	Langkawi	Cabin	Mangrove View Cabin	RM6300.00	3	2025-12-12	2025-12-15
U001	Langkawi	Tent	Jungle Canopy Tent	RM2520.00	2	2025-09-09	2025-09-12

Press Enter to continue...

Filter reservations by region field, “Langkawi”

```
Choose field to filter: <D>ate <R>egion <T>ype <N>ame <U>serID <S>how results <Q>uit: d
Filter by <I>n Check-in or <O>ut Check-out? i
Enter year (YYYY) [Leave blank to skip <B>ack <Q>uit]:
Enter month (MM) [Leave blank to skip <B>ack <Q>uit]:
Enter day (DD) [Leave blank to skip <B>ack <Q>uit]: 1
Choose field to filter: <D>ate <R>egion <T>ype <N>ame <U>serID <S>how results <Q>uit: r
Enter region or leave blank: langkawi
Choose field to filter: <D>ate <R>egion <T>ype <N>ame <U>serID <S>how results <Q>uit: t
Enter type or leave blank: cabin
Choose field to filter: <D>ate <R>egion <T>ype <N>ame <U>serID <S>how results <Q>uit: s

No reservations found for the selected filters.
Press Enter to continue...
```

Example of case no reservation found after filtering

```
Choose field to filter: <D>ate <R>egion <T>ype <N>ame <U>serID <S>how results <Q>uit: d
Filter by <I>n Check-in or <O>ut Check-out? i
Enter year (YYYY) [Leave blank to skip <B>ack <Q>uit]:
Enter month (MM) [Leave blank to skip <B>ack <Q>uit]: 1
Enter day (DD) [Leave blank to skip <B>ack <Q>uit]: b
Enter month (MM) [Leave blank to skip <B>ack <Q>uit]: 1
Enter day (DD) [Leave blank to skip <B>ack <Q>uit]: b
Enter month (MM) [Leave blank to skip <B>ack <Q>uit]:
Enter day (DD) [Leave blank to skip <B>ack <Q>uit]: 1
Choose field to filter: <D>ate <R>egion <T>ype <N>ame <U>serID <S>how results <Q>uit: r
Enter region or leave blank: cameron highlands
Choose field to filter: <D>ate <R>egion <T>ype <N>ame <U>serID <S>how results <Q>uit: t
Enter type or leave blank: tent
Choose field to filter: <D>ate <R>egion <T>ype <N>ame <U>serID <S>how results <Q>uit: s
```

User ID	Region	Type	Site Name	Price	Guests	Check-in	Check-out
U001	Cameron Highlands	Tent	Premium Series Air Tent	4544.0	2	2025-11-01	2025-11-05
U003	Cameron Highlands	Tent	Tunnel Tent	2272.0	2	2025-11-01	2025-11-03

Press Enter to continue...

Filter reservation by multiple fields, date can input B/b to go back (for example day back to month)

```

=====
                                ADMIN PORTAL
=====
1) Register New Admin Account
2) Modify Camping Stuffs
3) View All Reservations
4) View User Feedback
5) Manage Reports
l) Logout
Enter your choice: 4

```

Select option 4 to view user feedback

```

=====
                                USER FEEDBACK
=====
No User Feedback Found!
Options: <F>filter <Q>uit:

```

Example of case no user feedback found

```

=====
                                User Feedback
=====
Campsite          | Rating | Comment
-----
Starfish Beach Bubble | 4      | Nice Service and Comfort Environment
Ogawa 52R Tent      | 2      | Bad Service from Staff
Mountain Peak Cabin | 4      | Clean Environment + Friendly Staffs
Alpine Wooden Cabin | 3      | More improvement needed!
Cloud Forest Camp   | 4      | Such a beautiful place
Ogawa 66R Tent      | 5      | quite good the environment
Tea Plantation View Cabin | 5      | Good
Tea Plantation View Cabin | 4      | good 2
Tunnel Tent         | 2      | Bad Service
=====
Options: <F>filter <Q>uit: asd
Invalid choice!
Press Enter to continue...

```

View all feedback and input validation

```

Options: <F>filter <Q>uit: f
Choose field to filter: <C>campsite <R>ating <S>how results <Q>uit: c
Enter campsite name or leave blank: tea
Choose field to filter: <C>campsite <R>ating <S>how results <Q>uit: s
Campsite          | Rating | Comment
-----
Tea Plantation View Cabin | 5      | Good
Tea Plantation View Cabin | 4      | good 2
=====
Press Enter to continue...

```

Filter by campsite name



```
Options: <F>ilter <Q>uit: f
Choose field to filter: <C>ampsite <R>ating <S>how results <Q>uit: r
Enter rating (1-5) or leave blank: a
Invalid number!
Enter rating (1-5) or leave blank: -1
Rating must be between 1 and 5!
Enter rating (1-5) or leave blank: 5
Choose field to filter: <C>ampsite <R>ating <S>how results <Q>uit: s
Campsite          | Rating | Comment
-----
Ogawa 66R Tent    | 5      | quite good the environment
Tea Plantation View Cabin | 5      | Good
=====
Press Enter to continue...
```

Filter by rating and input validation for it

```
Options: <F>ilter <Q>uit: f
Choose field to filter: <C>ampsite <R>ating <S>how results <Q>uit: c
Enter campsite name or leave blank: asd
Choose field to filter: <C>ampsite <R>ating <S>how results <Q>uit: s

No reviews found for the selected filters.
Press Enter to continue...
```

Example of case no user feedback found after filtering

```
=====
ADMIN PORTAL
=====
1) Register New Admin Account
2) Modify Camping Stuffs
3) View All Reservations
4) View User Feedback
5) Manage Reports
L) Logout
Enter your choice: 5
```

Select option 5 to manage reports

```
=====
REPORT PORTAL
=====
All Reports:
No | Date       | Region          | Type   | Name                               | Issue
-----
1. | 2025-08-01 | Cameron Highlands | Tent   | Ogawa 52R Tent                    | Broken tent pole
2. | 2024-06-02 | Cameron Highlands | Cabin  | Rainforest Retreat Cabin          | Air conditioner not working
3. | 2025-08-03 | Langkawi         | Glamping | Private Island Glamping           | Water leakage in bathroom
4. | 2025-01-04 | Langkawi         | RV Site | Beachfront RV Spot                 | Electricity outage
5. | 2023-07-05 | Taman Negara     | Tent   | Riverside Explorer Tent            | Mosquito net torn
6. | 2025-08-06 | Taman Negara     | Glamping | Jungle Sky Pod                     | WiFi not available
7. | 2025-05-07 | Tioman Island    | Cabin  | Tekek Beach Wooden Chalet          | Broken window
8. | 2022-09-08 | Tioman Island    | Glamping | Monkey Bay Luxury Safari Tent      | Insufficient lighting
9. | 2025-04-09 | Genting Highlands | Tent   | Cloud Forest Camp                  | Damaged camping table
10. | 2023-02-10 | Genting Highlands | Glamping | Skyway Glass Pod                   | Glass panel cracked
11. | 2025-07-11 | Perhentian Islands | Cabin  | Rainforest Beach Hut               | Leaking roof
12. | 2022-12-12 | Perhentian Islands | Glamping | Moonlight Bay Luxury Tent          | Broken zipper on tent
=====
Options: <F>ilter <A>dd <M>odify <D>elete <Q>uit
=====
Choose an option: asd
Invalid option!
Press Enter to continue...
```

View all available reports and input validation

```

Choose an option: f
Filter Reports (<Q>uit at any time)

Choose field to filter: <D>ate <R>egion <T>ype <N>ame <S>how results <Q>uit: d
Enter year (YYYY) [Leave blank to skip <B>ack <Q>uit]: 20256
Invalid input! Enter a number between 1900 and 2025, B to go back.
Enter year (YYYY) [Leave blank to skip <B>ack <Q>uit]: 2025
Enter month (MM) [Leave blank to skip <B>ack <Q>uit]: asd
Invalid input! Enter a number between 1 and 12, B to go back.
Enter month (MM) [Leave blank to skip <B>ack <Q>uit]:
Enter day (DD) [Leave blank to skip <B>ack <Q>uit]: asd
Invalid input! Enter a number between 1 and 31, B to go back.
Enter day (DD) [Leave blank to skip <B>ack <Q>uit]: b
Enter month (MM) [Leave blank to skip <B>ack <Q>uit]:
Enter day (DD) [Leave blank to skip <B>ack <Q>uit]: 1
Choose field to filter: <D>ate <R>egion <T>ype <N>ame <S>how results <Q>uit: s
|
Filtered Reports:
No | Date       | Region          | Type   | Name                | Issue
-----
1. | 2025-08-01 | Cameron Highlands | Tent   | Ogawa 52R Tent      | Broken tent pole
Press Enter to continue...

```

## Filter by single field(date) and the input validation

```

Choose an option: f
Filter Reports (<Q>uit at any time)

Choose field to filter: <D>ate <R>egion <T>ype <N>ame <S>how results <Q>uit: d
Enter year (YYYY) [Leave blank to skip <B>ack <Q>uit]: 2025
Enter month (MM) [Leave blank to skip <B>ack <Q>uit]:
Enter day (DD) [Leave blank to skip <B>ack <Q>uit]:
Choose field to filter: <D>ate <R>egion <T>ype <N>ame <S>how results <Q>uit: r
Enter region or leave blank: lang
Invalid region does not exist!
Enter region or leave blank: langkawi
Choose field to filter: <D>ate <R>egion <T>ype <N>ame <S>how results <Q>uit: t
Enter type or leave blank: glampin
Invalid type does not exist!
Enter type or leave blank: glamping
Choose field to filter: <D>ate <R>egion <T>ype <N>ame <S>how results <Q>uit: s
|
Filtered Reports:
No | Date       | Region          | Type   | Name                | Issue
-----
1. | 2025-08-03 | Langkawi        | Glamping | Private Island Glamping | Water leakage in bathroom
Press Enter to continue...

```

## Filter by multiple fields and the input validation

```

Choose an option: f
Filter Reports (<Q>uit at any time)

Choose field to filter: <D>ate <R>egion <T>ype <N>ame <S>how results <Q>uit: n
Enter name or leave blank: ogawa
Choose field to filter: <D>ate <R>egion <T>ype <N>ame <S>how results <Q>uit: s
|
Filtered Reports:
No | Date       | Region          | Type   | Name                | Issue
-----
1. | 2025-08-01 | Cameron Highlands | Tent   | Ogawa 52R Tent      | Broken tent pole
Press Enter to continue...

```

## Filter by name supports partial name input as well

REPORT PORTAL					
All Reports:					
No	Date	Region	Type	Name	Issue
1.	2025-08-01	Cameron Highlands	Tent	Ogawa 52R Tent	Broken tent pole
2.	2024-06-02	Cameron Highlands	Cabin	Rainforest Retreat Cabin	Air conditioner not working
3.	2025-08-03	Langkawi	Glamping	Private Island Glamping	Water leakage in bathroom
4.	2025-01-04	Langkawi	RV Site	Beachfront RV Spot	Electricity outage
5.	2023-07-05	Taman Negara	Tent	Riverside Explorer Tent	Mosquito net torn
6.	2025-08-06	Taman Negara	Glamping	Jungle Sky Pod	Wifi not available
7.	2025-05-07	Tioman Island	Cabin	Tekek Beach Wooden Chalet	Broken window
8.	2022-09-08	Tioman Island	Glamping	Monkey Bay Luxury Safari Tent	Insufficient lighting
9.	2025-04-09	Genting Highlands	Tent	Cloud Forest Camp	Damaged camping table
10.	2023-02-10	Genting Highlands	Glamping	Skyway Glass Pod	Glass panel cracked
11.	2025-07-11	Perhentian Islands	Cabin	Rainforest Beach Hut	Leaking roof
12.	2022-12-12	Perhentian Islands	Glamping	Moonlight Bay Luxury Tent	Broken zipper on tent
13.	2025-09-12	Taman Negara	Glamping	Rainforest Bubble Tent	Broken Table
Options: <F>ilter <A>dd <M>odify <D>elete <Q>uit					
Choose an option: a					

Enter A/a to add new report

38.	Genting Highlands	Tent	Cloud Forest Camp
39.	Genting Highlands	Cabin	Alpine Wooden Cabin
40.	Genting Highlands	Cabin	Mountain View Log Cabin
41.	Genting Highlands	Cabin	Mossy Forest Retreat
42.	Genting Highlands	Glamping	Skyway Glass Pod
43.	Genting Highlands	Glamping	Misty Mountain Bubble
44.	Genting Highlands	RV Site	Genting Highlands RV Park
45.	Perhentian Islands	Tent	Long Beach Basic Camp
46.	Perhentian Islands	Tent	Coral Garden Dive Camp
47.	Perhentian Islands	Cabin	Rainforest Beach Hut
48.	Perhentian Islands	Cabin	Turtle Beach Chalet
49.	Perhentian Islands	Glamping	Moonlight Bay Luxury Tent
50.	Perhentian Islands	Glamping	Starfish Beach Bubble2
Select campsite <F>ilter <Q>uit:			
Enter option: f			
Filter Campsites by <R>egion <T>ype <N>ame <S>how results <Q>uit:			
Enter option: r			
Enter region or leave blank: langkawi			
Filter Campsites by <R>egion <T>ype <N>ame <S>how results <Q>uit:			
Enter option: s			
Available Campsites:			
No	Region	Type	Name
1.	Langkawi	Glamping	Sunset Beach Glamping
2.	Langkawi	Glamping	Private Island Glamping
3.	Langkawi	RV Site	Beachfront RV Spot
4.	Langkawi	RV Site	Mangrove View RV Park
5.	Langkawi	Tent	Beachside Tent
6.	Langkawi	Tent	Jungle Canopy Tent
7.	Langkawi	Cabin	Pantai Cenang Beach Cabin
8.	Langkawi	Cabin	Sunset Cove Cabin
9.	Langkawi	Cabin	Private Beachfront Chalet
10.	Langkawi	Cabin	Rainforest Canopy Cabin
11.	Langkawi	Cabin	Mangrove View Cabin
12.	Langkawi	Cabin	Mountain Peak Cabin
Enter campsite number to select (or 0 to cancel): 4			
Enter year (YYYY) [Leave blank for today]:			
Enter month (MM) [Leave blank for today]:			
Enter day (DD) [Leave blank for today]:			
Enter issue description: Air conditional not working			
Report added successfully!			
Press Enter to continue...			

Show all camping site and choose which one to add report or filter camping site to add report

11.	2025-07-11	Perhentian Islands	Cabin	Rainforest Beach Hut	Leaking roof
12.	2022-12-12	Perhentian Islands	Glamping	Moonlight Bay Luxury Tent	Broken zipper on tent
13.	2025-09-04	Langkawi	RV Site	Mangrove View RV Park	Air Conditioner Not Working

Added successfully and the new report shown in the updated report list

REPORT PORTAL					
All Reports:					
No	Date	Region	Type	Name	Issue
1.	2025-08-01	Cameron Highlands	Tent	Ogawa 52R Tent	Broken tent pole
2.	2024-06-02	Cameron Highlands	Cabin	Rainforest Retreat Cabin	Air conditioner not working
3.	2025-08-03	Langkawi	Glamping	Private Island Glamping	Water leakage in bathroom
4.	2025-01-04	Langkawi	RV Site	Beachfront RV Spot	Electricity outage
5.	2023-07-05	Taman Negara	Tent	Riverside Explorer Tent	Mosquito net torn
6.	2025-08-06	Taman Negara	Glamping	Jungle Sky Pod	WiFi not available
7.	2025-05-07	Tioman Island	Cabin	Tekek Beach Wooden Chalet	Broken window
8.	2022-09-08	Tioman Island	Glamping	Monkey Bay Luxury Safari Tent	Insufficient lighting
9.	2025-04-09	Genting Highlands	Tent	Cloud Forest Camp	Damaged camping table
10.	2023-02-10	Genting Highlands	Glamping	Skyway Glass Pod	Glass panel cracked
11.	2025-07-11	Perhentian Islands	Cabin	Rainforest Beach Hut	Leaking roof
12.	2022-12-12	Perhentian Islands	Glamping	Moonlight Bay Luxury Tent	Broken zipper on tent
13.	2025-09-12	Taman Negara	Glamping	Rainforest Bubble Tent	Broken Table
Options: <F>ilter <A>dd <M>odify <D>elete <Q>uit					
Choose an option: m					

Enter M/m to modify current available report

MODIFY REPORT					
All Reports:					
No	Date	Region	Type	Name	Issue
1.	2025-08-01	Cameron Highlands	Tent	Ogawa 52R Tent	Broken tent pole
2.	2024-06-02	Cameron Highlands	Cabin	Rainforest Retreat Cabin	Air conditioner not working
3.	2025-08-03	Langkawi	Glamping	Private Island Glamping	Water leakage in bathroom
4.	2025-01-04	Langkawi	RV Site	Beachfront RV Spot	Electricity outage
5.	2023-07-05	Taman Negara	Tent	Riverside Explorer Tent	Mosquito net torn
6.	2025-08-06	Taman Negara	Glamping	Jungle Sky Pod	WiFi not available
7.	2025-05-07	Tioman Island	Cabin	Tekek Beach Wooden Chalet	Broken window
8.	2022-09-08	Tioman Island	Glamping	Monkey Bay Luxury Safari Tent	Insufficient lighting
9.	2025-04-09	Genting Highlands	Tent	Cloud Forest Camp	Damaged camping table
10.	2023-02-10	Genting Highlands	Glamping	Skyway Glass Pod	Glass panel cracked
11.	2025-07-11	Perhentian Islands	Cabin	Rainforest Beach Hut	Leaking roof
12.	2022-12-12	Perhentian Islands	Glamping	Moonlight Bay Luxury Tent	Broken zipper on tent
13.	2025-09-12	Taman Negara	Glamping	Rainforest Bubble Tent	Broken Zipper
Modify Report Issue					
Enter report number to modify <F>ilter <Q>uit					
Enter option: 13					
Current issue: Broken Zipper					
Enter new issue (leave blank to keep current, Q to cancel): Broken Zipper					
Report issue updated successfully!					
Press Enter to continue...					

Modify report

```

11. | 2025-07-11 | Perhentian Islands | Cabin | Rainforest Beach Hut | Leaking roof
12. | 2022-12-12 | Perhentian Islands | Glamping | Moonlight Bay Luxury Tent | Broken zipper on tent
13. | 2025-09-12 | Taman Negara | Glamping | Rainforest Bubble Tent | Broken Zipper
=====
Options: <F>filter <A>dd <M>odify <D>elete <Q>uit
=====
Choose an option:

```

Report modified successfully and the modified report information will be shown in the updated report list

```

Enter option: f
Filter Reports (<Q>uit at any time)

Choose field to filter: <D>ate <R>egion <T>ype <N>ame <S>how results <Q>uit: d
Enter year (YYYY) [Leave blank to skip <B>ack <Q>uit]: 2025
Enter month (MM) [Leave blank to skip <B>ack <Q>uit]:
Enter day (DD) [Leave blank to skip <B>ack <Q>uit]:
Choose field to filter: <D>ate <R>egion <T>ype <N>ame <S>how results <Q>uit: s

Filtered Reports:
No | Date | Region | Type | Name | Issue
-----
1. | 2025-08-01 | Cameron Highlands | Tent | Ogawa 52R Tent | Broken tent pole
2. | 2025-08-03 | Langkawi | Glamping | Private Island Glamping | Water leakage in bathroom
3. | 2025-01-04 | Langkawi | RV Site | Beachfront RV Spot | Electricity outage
4. | 2025-08-06 | Taman Negara | Glamping | Jungle Sky Pod | WiFi not available
5. | 2025-05-07 | Tioman Island | Cabin | Tekek Beach Wooden Chalet | Broken window
6. | 2025-04-09 | Genting Highlands | Tent | Cloud Forest Camp | Damaged camping table
7. | 2025-07-11 | Perhentian Islands | Cabin | Rainforest Beach Hut | Leaking roof
8. | 2025-09-04 | Langkawi | RV Site | Mangrove View RV Park | Broken zipper
Enter report number to modify (or Q to quit): 8
Current issue: Broken zipper
Enter new issue (leave blank to keep current, Q to cancel): Air conditioner not working

```

Filter reports to modify

```

12. | 2022-12-12 | Perhentian Islands | Glamping | Moonlight Bay Luxury Tent | Broken zipper on tent
13. | 2025-09-04 | Langkawi | RV Site | Mangrove View RV Park | Air conditioner not working
=====

```

Report modified successfully and the modified report information will be shown in the updated report list

REPORT PORTAL					
All Reports:					
No	Date	Region	Type	Name	Issue
1.	2025-08-01	Cameron Highlands	Tent	Ogawa 52R Tent	Broken tent pole
2.	2024-06-02	Cameron Highlands	Cabin	Rainforest Retreat Cabin	Air conditioner not working
3.	2025-08-03	Langkawi	Glamping	Private Island Glamping	Water leakage in bathroom
4.	2025-01-04	Langkawi	RV Site	Beachfront RV Spot	Electricity outage
5.	2023-07-05	Taman Negara	Tent	Riverside Explorer Tent	Mosquito net torn
6.	2025-08-06	Taman Negara	Glamping	Jungle Sky Pod	WiFi not available
7.	2025-05-07	Tioman Island	Cabin	Tekek Beach Wooden Chalet	Broken window
8.	2022-09-08	Tioman Island	Glamping	Monkey Bay Luxury Safari Tent	Insufficient lighting
9.	2025-04-09	Genting Highlands	Tent	Cloud Forest Camp	Damaged camping table
10.	2023-02-10	Genting Highlands	Glamping	Skyway Glass Pod	Glass panel cracked
11.	2025-07-11	Perhentian Islands	Cabin	Rainforest Beach Hut	Leaking roof
12.	2022-12-12	Perhentian Islands	Glamping	Moonlight Bay Luxury Tent	Broken zipper on tent
13.	2025-09-12	Taman Negara	Glamping	Rainforest Bubble Tent	Broken Zipper
Options: <F>ilter <A>dd <M>odify <D>elete <Q>uit					
Choose an option: d					

Enter D/d to delete report

Delete Report					
Enter report number to delete <F>ilter <Q>uit					
Enter option: f					
Filter Reports (<Q>uit at any time)					
Choose field to filter: <D>ate <R>egion <T>ype <N>ame <S>how results <Q>uit: r					
Enter region or leave blank: langkawi					
Choose field to filter: <D>ate <R>egion <T>ype <N>ame <S>how results <Q>uit: t					
Enter type or leave blank: rv site					
Choose field to filter: <D>ate <R>egion <T>ype <N>ame <S>how results <Q>uit: s					
Filtered Reports:					
No	Date	Region	Type	Name	Issue
1.	2025-01-04	Langkawi	RV Site	Beachfront RV Spot	Electricity outage
2.	2025-09-04	Langkawi	RV Site	Mangrove View RV Park	Air conditioner not working
Enter report number to delete (or Q to quit): 2					
Deleting report: 2025-09-04   Langkawi   RV Site   Mangrove View RV Park   Air conditioner not working					
Are you sure? (Y/N): y					
Report deleted successfully!					
Press Enter to continue...					

Filter report to delete

REPORT PORTAL					
All Reports:					
No	Date	Region	Type	Name	Issue
1.	2025-08-01	Cameron Highlands	Tent	Ogawa 52R Tent	Broken tent pole
2.	2024-06-02	Cameron Highlands	Cabin	Rainforest Retreat Cabin	Air conditioner not working
3.	2025-08-03	Langkawi	Glamping	Private Island Glamping	Water leakage in bathroom
4.	2025-01-04	Langkawi	RV Site	Beachfront RV Spot	Electricity outage
5.	2023-07-05	Taman Negara	Tent	Riverside Explorer Tent	Mosquito net torn
6.	2025-08-06	Taman Negara	Glamping	Jungle Sky Pod	WiFi not available
7.	2025-05-07	Tioman Island	Cabin	Tekek Beach Wooden Chalet	Broken window
8.	2022-09-08	Tioman Island	Glamping	Monkey Bay Luxury Safari Tent	Insufficient lighting
9.	2025-04-09	Genting Highlands	Tent	Cloud Forest Camp	Damaged camping table
10.	2023-02-10	Genting Highlands	Glamping	Skyway Glass Pod	Glass panel cracked
11.	2025-07-11	Perhentian Islands	Cabin	Rainforest Beach Hut	Leaking roof
12.	2022-12-12	Perhentian Islands	Glamping	Moonlight Bay Luxury Tent	Broken zipper on tent

Report deleted successfully

```
=====
                                ADMIN PORTAL
=====
1) Register New Admin Account
2) Modify Camping Stuffs
3) View All Reservations
4) View User Feedback
5) Manage Reports
L) Logout
Enter your choice: L

Logging out from Admin account.
```

Enter L/l to logout from the admin account

```
=====
                                WELCOME TO THE CAMPING RESERVATION SYSTEM
=====
1) Login
2) Register new user account
3) Exit
Enter your choice: 3

Thank you for using the Camping Reservation System. Goodbye!
```

Select option 3 to exit the camping reservation system