

Programming Fundamentals Project

TOUR MANAGEMENT SYSTEM

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➤ Project Details:

This **Tour Management System** will allow users to browse available tours, sign up, log in, and book a tour of their choice. Users can also provide feedback after booking a tour. The system includes an **admin panel**, where the admin can add new tour details, view all tours, see registered users, and check user feedback. This ensures smooth management of tours and enhances user engagement. I had to use only simple logics with the help of **if-else, if, logical operators, and comparison operators** to control the flow of user interactions and admin functionalities.

➤ Functional Requirements:

- The admin can **login** before managing this system.
- The admin can **add new tour details** to the system.
- The admin can **view all tour details in sorted way** available in the system.
- The admin can **view the list of registered users** in the system.
- The admin can **view feedback** given by users.

- Users must be able to **sign up** by providing required details.
- Users must **log in** before accessing the system.
- Users can **view available tour details in sorted way** such as destination, price, and schedule.
- Users can **book a tour** after logging in.
- Users can **provide feedback** after booking a tour.

➤ Wireframes:

```
*****
*                                TOUR MANAGEMENT SYSTEM                                *
*****
```

```
Main Menu >
Select an option from the following:
1- Admin Login
2- User Sign Up
3- User Login
4- Exit
Your Option---|
```

```
(Admin Login)
Enter Admin Name: admin
Enter Admin Password: admin
Welcome admin
1- Add New Tour
2- View All Tours
3- Print the information of Tours highest price to lower price
4- View All Users
5- View All Feedbacks in order
6- Exit
Your Option---1
(Add New Tour)
Enter Tour Name:Tour_1
Enter Tour Price:45000
Enter Tour Duration:8days
Enter tour Location:Murree
Tour Added Successfully
```

```
Main Menu >
Select an option from the following:
1- Admin Login
2- User Sign Up
3- User Login
4- Exit
Your Option---2
```

```
-----
(User Sign Up)
Enter User Name: user1
Enter User Password: user1
User Sign Up Successfully
```

```
(Admin Login)
Enter Admin Name: admin
Enter Admin Password: admin
Welcome admin
1- Add New Tour
2- View All Tours
3- Print the information of Tours highest price to lower price
4- View All Users
5- View All Feedbacks
6- Exit
Your Option---3
(Print the information of Tours highest price to lower price)
Tour Name      Tour Price      Tour Duration    Tour Location
tour3           60000           11_days          KPK
tour2           50000           9_days           Skardu
tour1           45000           8_days           Murree
```

```
(User Login)
Enter User Name: user1
Enter User Password: user1
Welcome user1
Select an option from the following:
1- View All Tours from highest to lowest price
2- Book a Tour
3- give feedback out of 10
4- Exit
Your Option---2
(Book a Tour)
Select a Tour to Book
1-
2- tour1
2- Exit
Your Option---2
Tour Booked Successfully
Total Price: 47000
Total Duration: 8_days
Tour Location: Murree
```