

TRAVEL AGENCY MANAGEMENT – PAAC YOUR BAGS

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EVERY PERSON WILL GET THE FOLLOWING OPTIONS :

- 1. To login as an Admin
- 2.To login as a Customer
- 3.To exit

IF THE PERSON IS AN ADMIN

- 1. Firstly the admin needs to enter the correct Admin name and password (Only the admins are aware of their username and password).
- 2. The entered information is verified
- 3. If he enters it correctly, he is given a provision to add new tour packages , delete a few existing packages , modify tour packages , display packages , view the customers according to their priority in a tour package and on the basis of their priority allocate customers their preferred rooms for hotel booking and give them discount for their tour amount.
- 4. If the admin enters incorrect entry details, he is given an option to re-enter it once again!

IF THE PERSON IS A CUSTOMER

Here the customer is presented with 2 options :

(A) He/She can create a new account.

(B) He/She can login as an existing user.

(A) IF THE CUSTOMER WANTS TO CREATE A NEW ACCOUNT.

- 1. If the customer wants to create a new account, he needs to create his password, enter his name and provide his email ID and contact number. Also the customer needs to enter maximum number of people registering at a time and his membership status.
- Once these details are entered by the customer they are stored in the LinkedList of Registered Users.
- Proper validations are written to check if valid email ID's and contact numbers are entered.
- By entering the respective tourpackage code , the customer is entitled to see the information details about the tour package.

(B) IF THE CUSTOMER WANTS TO LOGIN AS AN EXISTING USER

- I. The customer needs to enter the same username and password that he entered initially while he/she created a new account. (In our code we have hard-coded these details)
- Once the correct details are entered by the registered user, then he is asked to enter his tour ID, for which he wants to view the tour package details.

FINALLY

- 1. Based on the number of people registering at a time and their membership preferences, the customer is offered discount for the tour package that the customer has chosen.
- 2. Also, we have implemented a priority queue for every tour package, based on that the preference is given to the customer for hotel booking.

DATA STRUCTURES USED :

- 1) Priority Queue
- 2) Java Collection Framework – LinkedList (of TourPackages, Customers and RegisteredUsers) and ArrayList (of Admins).
- 3) Array – for booking rooms in a hotel.
- 4) String Builder – for displaying the tour package details.

LAST BUT NOT THE LEAST.....

Hope you are motivated enough to explore the functionalities of our **PAAC** your **BAGS** tours and travel agency!!