**Case Study\_8\_Raghu**

Use Case Diagram:



Activity Diagram:



Use Case Specifications:

UC01: Validate User:

**Brief Description**: This describes how the verification system validates the user.

**Actors**:  verification system.

**Precondition**: System should be up and available with Power plugged In with active internet connection.

**Basic flow**

* Customer will visit the website.
* System checks if he is Old customer or new customer
* Customer will login with his credentials if he is Old customer
* System will create ID and password if he is new user.

**Alternate Flow:**

1. Customer enters login credentials are wrong when he is old customer.

**Exceptional flow:**

1. When the customer selects New customer sign In but the input details he has given already exists
2. If the user fails to login more than 3 times.

**Post condition:** Customer should will be able to book a tour after system validates user.

UC02: Reservation for tour:

**Brief Description**: This describes how the Customer makes reservation for the tour.

**Actors**: Customer

**Precondition**: System should be up and available with Power plugged In with active internet connection.

**Basic flow**

* Customer will visit the website.
* Customer Logins
* Customer will select the Tour
* Customer makes the reservation.

**Alternate Flow:**

1. Customer enters login credentials are wrong when he is old customer.

**Exceptional flow:**

1. When the customer selects New customer sign In but the input details he has given already exists
2. If the user fails to login more than 3 times.
3. Customer cancels the reservation after selecting the reservation.

**Post condition:** Customer should will be able Make a reservation for tour.

UC03: Maintain Reservation:

**Brief Description**: This describes how the Customer Maintains reservation for the tour.

**Actors**: Customer

**Precondition**: System should be up and available with Power plugged In with active internet connection.

**Basic flow**

* Customer will visit the website.
* Customer Logins
* Customer will select the Tour from his Tour reservations
* Customer makes the required changes or maintains the existing reservation.

**Alternate Flow:**

1. Customer enters login credentials are wrong when he is old customer.

**Exceptional flow:**

1. When the customer selects New customer sign In but the input details he has given already exists
2. If the user fails to login more than 3 times.
3. Customer cances the reservation after selecting the reservation.

**Post condition:** Customer should will be able maintain his reservation for tour.

UC04: View Details:

**Brief Description**: This describes how the Customer view the details of the tour and his details.

**Actors**: Customer

**Precondition**: System should be up and available with Power plugged In with active internet connection.

**Basic flow**

* Customer will visit the website.
* Customer Logins
* Customer will be able to select and view the details of the tours and his details.

**Alternate Flow:**

1. Customer enters login credentials are wrong when he is old customer.

**Exceptional flow:**

1. When the customer selects New customer sign In but the input details he has given already exists

1. If the user fails to login more than 3 times.

**Post condition:** Customer will be able view his details.

UC05: Make Payment:

**Brief Description**: This describes how the Customer Makes payment.

**Actors**: Customer

**Precondition**: System should be up and available with Power plugged In with active internet connection.

**Basic flow**

* Customer will visit the website.
* Customer Logins
* Customer will select the Tour from his Tour reservations
* Customer will make payment for the Tour to book his reservation by cash, card, cheque.

**Alternate Flow:**

1. Customer enters login credentials are wrong when he is old customer.

**Exceptional flow:**

1. When the customer selects new customer sign In but the input details he has given already exists

2. If the user fails to login more than 3 times.

3. Customer cancels Payment in between.

**Post condition:** Customer will be able Make payment to confirm his reservation for tour.

UC06: Add Tour Scheme:

**Brief Description**: This describes how the admin adds a scheme or tour package to existing schemes.

**Actors**: Admin.

**Precondition**: System should be up and available with Power plugged In with active internet connection.

**Basic flow**

* Admin will visit the website.
* Admin Logins
* Admin will add scheme.

**Alternate Flow:**

1. Admin enters login credentials are wrong.

**Exceptional flow:**

1. If the admin fails to login more than 3 times.

**Post condition:** Admin will be able add tour schemes.

UC07: Delete Tour Scheme:

**Brief Description**: This describes how the admin deletes a scheme or tour package.

**Actors**: Admin.

**Precondition**: System should be up and available with Power plugged In with active internet connection.

**Basic flow**

* Admin will visit the website.
* Admin Logins
* Admin will delete scheme.

**Alternate Flow:**

1. Admin enters login credentials are wrong.

**Exceptional flow:**

1. If the admin fails to login more than 3 times.

**Post condition:** Admin will be able delete tour schemes.

UC08: Maintain Tour Scheme:

**Brief Description**: This describes how the admin maintains a scheme or tour package.

**Actors**: Admin.

**Precondition**: System should be up and available with Power plugged In with active internet connection.

**Basic flow**

* Admin will visit the website.
* Admin Logins
* Admin will maintain scheme.

**Alternate Flow:**

1. Admin enters login credentials are wrong.

**Exceptional flow:**

1. If the admin fails to login more than 3 times.

**Post condition:** Admin will be able Maintain tour schemes.