

Use Cases

1 Use Case Scenario-1 (Youtube Playlist Play using React Language)

1. User Register using registration page with details like email, password and confirm password
2. User log in using username and password
3. A list of youtube videos is displayed to the user, a video list item contains video title, video views and channel name
4. On clicking on a video, youtube video player is opened and video is played using youtube video id
5. User logout

2 Use Case Scenario-2 (Age calculator using Python Language)

1. User enters year of Birth
2. Age is calculate using year of birth
3. Calculated age is displayed

3 Use Case Scenario-3 (Age Calculator using Java Language)

1. User enters DOB using date picker with format dd-mm-yyyy
2. Age is calculate from DOB with date format in dd-mm-yyyy
3. Calculated age is display in years

4 Use Case Scenario-4 (Railway Reservation Booking using Java Language)

1. Login page is displayed with username and password
2. User pick the dates according to display date with calender
3. User selects the cities name with state name using dropdown display along with date of journey
4. Train numbers are search using unique id of train number
5. User search different class of train
6. Number of person for the reservation system is display
7. User calculate their age using calender for reservation
8. User calculate the total fare according to distance, train class and number of person

9. List of trains availability is display according to class and date
10. Payment page is displayed with options like credit card, debit card, and cash
11. Display final booking confirmation after the successful payment

5 Use Case Scenario-5 (Hotel Room Booking using Java Language)

1. User registers using register page with username password and confirm password
2. User log in using username and password with register option
3. If login failed then error page is displayed
4. User chooses cityname from city dropdown
5. Hotels are search for using city name
6. List of hotels is display and user selects a hotel
7. The user enters room type and number of guests from dropdown
8. Users enters date of booking
9. Fare is calculate for the booking using room type and number of persons
10. GST is calculated on the fare
11. Payments options are displayed which contains options like credit card, debit card and upi
12. On sucessful payment, successful payment dialog
13. On unsucessful payment payment failed page is shown
14. Logout or book another option

6 Use Case Scenario-6 (Library Manangement using Java Language)

1. Login page is displayed with register option username and password
2. Register page with username password and confirm password
3. Library home page with add book, search book options are displayed
4. On add book option user enters book name, book year, book price
5. Book added sucessfully dialog is shown
6. On search book option book name is enter search box by the user
7. Book genre and author name is selected by the user from dropdown
8. The list of books are search and display with book name, book price and author name
9. The cost of renting the book is calculate using number of days and renting cost of book
10. GST is calculated for the renting price
11. Payment page is displayed with options like upi and cash
12. On sucessful payment, successful payment dialog
13. On unsucessful payment payment failed page is shown

7 Use Case Scenario-7 (Railway Reservation Booking using React Language)

1. User Registers using username, password and email
2. Verification email sent page is displayed.
3. User logs in using email and password with captcha
4. User selects from city and to city using dropdown along with date of journey
5. User selects class type and Quota from dropdown
6. Trains are search using to city, from city, date of journey and class type
7. List of trains are displayed displaying train number, train name, duration and fare per person and user selects a train from the list
8. User enters passenger details like name, age, gender and phone number
9. Available berth search using train number, DOJ, from and to city
10. No berth then confirmation page is display
11. If no then thank you page is displayed
12. If yes gst is caluclate on the total amount
13. Payment page is displayed with options like credit card, debit card, net banking and upi
14. Payment failed then payment failed page is displayed
15. On payment successful booking confirmed page is displayed displaying details like from city, to city, train number, travel duration, username, total fare and passenger name

8 Use Case Scenario-8 (Travel Agent Services using Java Language)

1. User login using username and password
2. Login error page if no match is displayed
3. User chooses city and statename using dropdown menu
4. Dropdown displaying train class and reservation quota
5. Hotels are searched for using city and state name
6. Travel agent display personal information of user with name, phone number, password and email id
7. User enters from date and to date for the journey
8. User search all the vehicle with their amount
9. Fare is calculated according to distance, and number of person
10. GST is calculated on the amount
11. Payments options are displayed which contains options like credit card, UPI and PayPal account
12. On sucessful payment booking confirmed page is shown displaying username, phone number, number of persons and total amount
13. If payment failed page is shown with amount
14. Logout button

9 Use Case Scenario-9 (Hotel Booking using React Language)

1. User registers using email, username, password
2. User log in using username and password.
3. Login error page if no match is displayed
4. User chooses city state dropdown
5. Hotels are searched for using city and state name
6. Searched list of hotels is displayed and user select a hotel from the list.
7. The user enters room type and number of guests
8. Users enters from date and to date
9. Fare is calculated for the booking using room type, number of persons, from date and to date
10. GST is calculated on the amount
11. Payments options are displayed which contains options like credit card, debit card and upi
12. On sucessful payment booking confirmed page is shown displaying username, room type, number of persons and total amount
13. If payment failed page is shown with amount
14. Logout button

10 Use Case Scenario-10 (Flight Booking using React Language)

1. User registration using username, email, password and confirm password
2. User login using username and password
3. If login failed then error page is displayed
4. Select from city, to city from dropdown
5. User enters date of journey
6. User select the flight class type from dropdown
7. Flights are searched using from city, to city and date of journey
8. List of flights are displayed with details like airline name, airline code, departure time, arrival time ,number of stops, duration
9. User enters passenger details like name, age, gender and phone number
10. GST is calculate on the fare
11. Payment page is displayed with options like credit card, debit card, upi and netbanking
12. On payment confirmed booking page confirmation is displayed with details like airline name, date of journey, from city and to city
13. If payment failed then payment failed page with the amount is displayed

11 Use Case Scenario-11 (E-commerce using React Language)

1. Login page is displayed with username, password and register option
2. If user enter register option then registration page is opened with details like name, email, username, password and confirm password
3. User selects product category from dropdown
4. User enter name of the product to search in search box
5. List of products are fetched using the search name and product type
6. List of products are displayed using the search results and user selects a product from the list
7. User selects number of items from the dropdown
8. Fare is calculated using discount, product price and quantity
9. GST is calculated on the amount
10. Payment page is displayed with options like credit card, debit card, netbanking, upi and cash
11. On successful payment logout button shown

12 Use Case Scenario-12 (E-commerce using Python Language)

1. Login page is displayed with username, password with captcha
2. User selects product category from dropdown
3. User enter name of the product to search in search box
4. Search of products with product name and product category and list of products are displayed using the search results
5. User selects number of items from the dropdown
6. Fare is calculated using product price, number of items and discount
7. GST is calculate on the amount
8. Payment page is displayed with options like credit card, debit card, netbanking, upi and cash
9. Thank You page with username is displayed and order again option