## ***Test Case for Hotel Booking System***

### **Test Case 1: Home Page**

* **Test Case ID:** TC-001
* **Description:** Load the homepage of the hotel booking app.
* **Preconditions:** None.
* **Steps:**
  1. Navigate to the homepage (/).
* **Expected Result:** Home Page and other pages shown in Navbar.
* **Post-conditions:** None.

### **Test Case 2: Signup**

* **Test Case ID:** TC-002
* **Description:** New account creation for a user.
* **Preconditions:** None.
* **Steps:**
  1. Sign up page open (/auth/signup/).
  2. Fill up required fields.
  3. Submit Form
* **Expected Result:** Account create successfully and redirect to login page
* **Post-conditions:** Redirect to sign in page

### **Test Case 3: Sign in**

* **Test Case ID:** TC-003
* **Description:** Provide authentication info.
* **Preconditions:** User Account created.
* **Steps:**
  1. Sign in page open .(/auth/signin/)
  2. Fill up required fields
  3. Submit the form.
* **Expected Result:** Redirect to Home Page & Account info is shown in Navbar(Profile)
* **Post-conditions:** Redirect to Home Page and the user is authenticated

### **Test Case 4: Find Hotels**

* **Test Case ID:** TC-004
* **Description:** Search/filter for an hotel
* **Preconditions:** User is authenticated
* **Steps:**
  1. Navigate to the Find Hotels in Navbar.(/findhotels/)
  2. Filter any hotel of preference.
  3. Tap on any hotel
* **Expected Result:** Hotels will be shown that are in the system.
* **Post-conditions:** Hotel Details will be shown of that hotel.

### **Test Case 5: Single Hotel**

* **Test Case ID:** TC-005
* **Description:** Description of the hotels
* **Preconditions:** User is authenticated
* **Steps:**
  1. Navigate to a single hotel.(/hotel/{id}/)
  2. Check Room Types & Details
  3. View/Add Reviews
  4. Select any room that the hotel offers and book for it
* **Expected Result:** Redirect to Cart page
* **Post-conditions:** Hotel room is added for booking for the User

### **Test Case 6: Cart**

* **Test Case ID:** TC-006
* **Description:** All Added rooms.
* **Preconditions:** User is authenticated.
* **Steps:**
  1. Navigated to the Cart page.(/cart/)
  2. Can remove items from Cart.
  3. Can add multiple rooms in the Cart
  4. Submit Checkout
* **Expected Result:** Redirect to Payment Page
* **Post-conditions:** Hotel room is added for payment for the User

### 

### **Test Case 7: Payment**

* **Test Case ID:** TC-007
* **Description:** Payment procedure for the booking
* **Preconditions:** User is authenticated and Rooms are added in cart
* **Steps:**
  1. Navigate to the Payment page.(/payment/)
  2. Your Details Form is filled up as per profile info.
  3. In payment information form, select any method that the user wants to pay with.
  4. Click on the "Payment" button.
* **Expected Result:** Redirect to payment successful page.
* **Post-conditions:** New payment & Booking is created for a User.

### **Test Case 8: User Payment list**

* **Test Case ID:** TC-008
* **Description:** List of payment.
* **Preconditions:** User is authenticated
* **Steps:**
  1. Navigate to the "Profile>All Payments" page.(/payment-list/)
* **Expected Result:** A list of all Payments associated with the user is displayed.
* **Post-conditions:** Payment list is shown correctly.

### **Test Case 9: Add Wishlist**

* **Test Case ID:** TC-009
* **Description:** Add new hotels to the wishlist by user
* **Preconditions:** User is authenticated.
* **Steps:**
  1. Navigate to the "Find Hotels" view.(/findhotels/)
  2. Add any hotel to wishlist by clicking on Favourite Icon on top.
* **Expected Result:** Hotel Added to user wishlist.
* **Post-conditions:** Only authenticated user can view their added hotels in wishlist.

### **Test Case 10: View Wishlist**

* **Test Case ID:** TC-010
* **Description:** Users can view their added hotels in wishlist.
* **Preconditions:** User is authenticated.
* **Steps:**
  1. Navigate to the "Wishlist" view.(/wishlist/)
  2. Can remove the hotel from wishlist by clicking favourite icon again.
* **Expected Result:** View wishlist of hotels
* **Post-conditions:** Hotel removed from wishlist.

### **Test Case 11: Admin Login**

* **Test Case ID:** TC-011
* **Description:** Admin user login.
* **Preconditions:** User is defined as superuser
* **Steps:**
  1. Open Authentication view.(/auth/admin-login/)
  2. Submit to check authenticated or not
* **Expected Result:** Redirect to dashboard
* **Post-conditions:** user is superuser.

### **Test Case 12: Amenity**

* **Test Case ID:** TC-012
* **Description:** Amenity add for hotel/rooms
* **Preconditions:** User is superuser
* **Steps:**
  1. Open Amenity view.(/auth/amenity/)
  2. Add Amenity(/auth/amenities/add/)
  3. Submission of form
* **Expected Result:** Redirect to amenity page and new Amenity is created
* **Post-conditions:** New Amenity is added in System.

### 

### 

### **Test Case 13: Location**

* **Test Case ID:** TC-013
* **Description:** Location add for hotel/rooms
* **Preconditions:** User is superuser
* **Steps:**
  1. Open Location view.(/auth/location/)
  2. Add Location (/auth/location/add/)
  3. Submission of form
* **Expected Result:** Redirect to Location page and new Location is created
* **Post-conditions:** New Location is added in System.

### **Test Case 14: Hotel**

* **Test Case ID:** TC-014
* **Description:** New Hotel add
* **Preconditions:** User is superuser
* **Steps:**
  1. Open Hotel view.(/auth/hotels/)
  2. Add Hotel (/auth/location/add/)
  3. Submission of form
* **Expected Result:** Redirect to Hotel page and new Hotel is created
* **Post-conditions:** New Hotel is added in System.

### **Test Case 15: Hotel-Room Add**

* **Test Case ID:** TC-015
* **Description:** Room add for hotel
* **Preconditions:** User is superuser
* **Steps:**
  1. Click on any hotel in Hotel View.(/auth/location/)
  2. Hotel Details will open (/auth/hotels/{id}/)
  3. Add New Room (/auth/rooms/add/)
  4. Submission of form
* **Expected Result:** Redirect to Room page (/auth/rooms/)
* **Post-conditions:** New Room is added in System.

### 

### **Test Case 16: Payment Update**

* **Test Case ID:** TC-016
* **Description:** Payment update for customers
* **Preconditions:** User is superuser
* **Steps:**
  1. Open Payment view.(/auth/payments/)
  2. Click Update for any customer (/auth/payments/update/{id})
  3. Update Payment Information
  4. Submit Info
* **Expected Result:** Redirect to Payment page and Is Confirmed/Is Cancelled will be updated
* **Post-conditions:** Payment of user is updated