

Consider the provided flow and complete the task using Cucmber framework, Selenium WebDriver using POM structure

Criterion
<ol style="list-style-type: none"> 1. Creating correct project using Eclipse IDE to write Test Script using Selenium Web Driver API 2. Associating required Web Driver API libraries with the Java Project to implement Web Driver API to create Test Script 3. Implementation of good programming practices <ol style="list-style-type: none"> a. Variable, Function & procedure naming convention b. Usage of comments c. Code Indentation
<ol style="list-style-type: none"> 1. Addressing each functional requirement stated in the problem statement while writing step definition for business requirement
<ol style="list-style-type: none"> 1. Appropriate usage of Selenium Web Driver API objects, import statements to accomplish given requirements in the problem statement 2. Appropriate naming conventions for POM structure

Flow:

1. Launch the application browser
2. Open the web page "**login.html**" in the browser.
3. Verify login page heading as "**Hotel Booking Application**" using xpath.
4. Enter UserName. Ensure that displays the error message "Please enter UserName" upon clicking on the "Login" button without entering any data in the text box.
5. Enter Password. Ensure that displays the error message "Please enter Password" upon clicking on the "Login" button without entering any data in the text box.
6. Enter "**Neelima**" as username and "**neel1234**" as password for valid login. For this authorized user it will move to next page called "**Hotel booking**".
7. Verify the title "Hotel Booking" of the page.
8. Enter First Name. Ensure that the alert box displays the message "Please fill the First Name" upon clicking on the button "**Confirm Booking**" without entering any data in the text box.
9. Enter Last Name. Ensure that the alert box displays the message "Please fill the Last Name" upon clicking on the button "**Confirm Booking**" without entering any data in the text box.

10. Enter Email. Ensure that the alert box displays the message “Please fill the Email” upon wrong email format entered in the text box.
11. Enter mobile no. Ensure that the alert box displays the message “Please fill the Mobile No.” upon clicking on the button “**Confirm Booking**” without entering any data in the text box.
12. Ensure that the alert box displays the message “Please enter valid Contact no.” upon clicking on the button “**Confirm Booking**” on entering wrong data that doesn’t start with either 7,8 or 9 and doesn’t have 10 digits in the text box.
13. Select Number of people staying at the Hotel. Ensure that the alert box displays the message “Number of people attending.” upon clicking on the button “**Confirm Booking**” without entering any data in the box.
14. Enter address details, validation for address.
15. Select City. Ensure that alert box display the message “Please select city” upon clicking on the button “**Confirm Booking**” without selecting any city
16. Select State. Ensure that alert box display the message “Please select state” upon clicking on the button “**Confirm Booking**” without selecting any state
17. Enter Card Holder Name. Ensure that the alert box displays the message “Please fill the Card holder name” upon clicking on the button “**Confirm Booking**” without entering any data in the text box
18. Enter Debit card Number. Ensure that the alert box displays the message “Please fill the Debit card Number” upon clicking on the button “**Confirm Booking**” without entering any data in the text box
19. Enter Card expiration month. Ensure that the alert box displays the message “Please fill expiration month” upon clicking on the button “**Confirm Booking**” without entering any data in the text box
20. Enter Card expiration year. Ensure that the alert box displays the message “Please fill expiration year” upon clicking on the button “**Confirm Booking**” without entering any data in the text box
21. Click on “**Confirm Booking**” button. Ensure that it navigates to success page which displays the message “**Booking Completed!!!**”

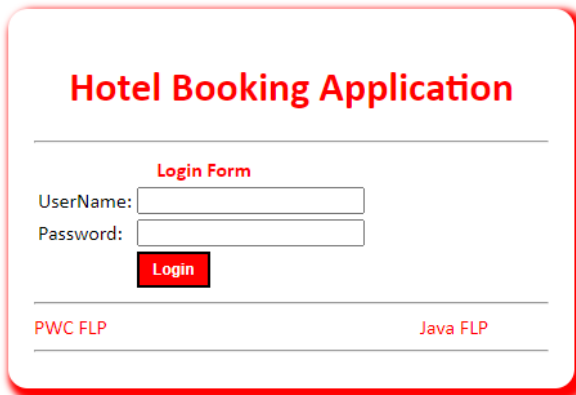
The Test should do the following apart from the flow mentioned in the Q1.

- a. Locate the UI elements using appropriate locators & fill the data in the form.

- b. Close the browser window once the entire task completes.

Application screenshot:

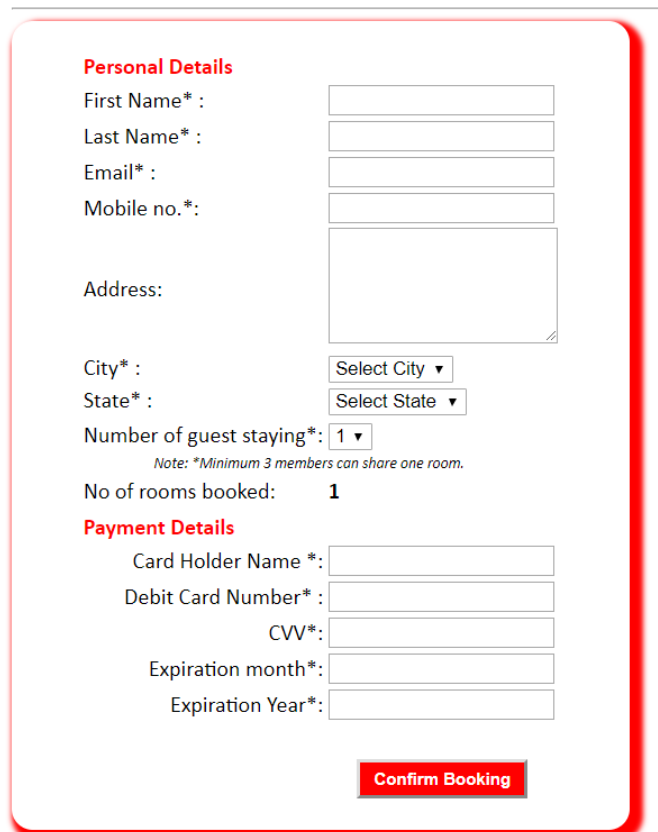
Login.html



The screenshot shows a web browser window with a red border. The title bar says "Hotel Booking Application". The main content area has a red header "Hotel Booking Application". Below the header is a "Login Form" section. It contains two input fields: "UserName:" and "Password:". Below the "Password:" field is a red "Login" button. At the bottom of the form, there are two links: "PWC FLP" and "Java FLP".

Hotelbooking.html

Hotel Booking Form



The screenshot shows a web browser window with a red border. The title bar says "Hotel Booking Form". The main content area has a red header "Hotel Booking Form". Below the header is a "Personal Details" section. It contains several input fields: "First Name*", "Last Name*", "Email*", "Mobile no.*", and "Address:". Below the "Address:" field is a "City*" dropdown menu with "Select City" as the selected option. Below the "City*" dropdown is a "State*" dropdown menu with "Select State" as the selected option. Below the "State*" dropdown is a "Number of guest staying*" dropdown menu with "1" as the selected option. Below the "Number of guest staying*" dropdown is a note: "Note: *Minimum 3 members can share one room." Below the note is a "No of rooms booked:" field with the value "1". Below the "No of rooms booked:" field is a "Payment Details" section. It contains several input fields: "Card Holder Name *:", "Debit Card Number*:", "CVV*:", "Expiration month*:", and "Expiration Year*:". Below the "Expiration Year*" field is a red "Confirm Booking" button.

Success.html

Booking Completed!