University of Colombo School of Computing
SCS 2208 - Rapid Application Development
Lab Sheet 12

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1) Use the website given and write a code to automate the following tasks.
   (https://opensource-demo.orangehrmlive.com/web/index.php/auth/login)

a) Find the username and password on the login page of the website and use them and log in to the site.
b) Click the claim section on the left side.
c) Click assign claim.
d) Create a claim request for Peter Mac Anderson for travel allowance which should be paid in United States Dollars. Add remarks as "Pay $100 as travel allowance".
e) Add the following expenses for the day 2023-09-08. (Don't need to add any notes)
   - Accommodation - $30
   - Fuel Allowance - $30
   - Transport - $40
f) Submit
g) Click the back button.

2) Please provide the to automate these tasks. Be sure to handle any necessary waits and exceptions for a robust automation script. This exercise involves navigating through multiple pages and interacting with various elements on the website.

   Website: https://demo.opencart.com/

a) Navigate to the provided URL.
b) Use the search bar at the top of the page to search for a product. You can search for any product of your choice (e.g., "iPhone").
c) On the search results page, click on one of the product links to view the product details.
d) Add the product to the shopping cart.
e) Navigate to the shopping cart and verify that the product is correctly added.
f) Proceed to the checkout process.
g) Fill in the billing details with fictitious information (name, address, etc.).
h) Choose a shipping method.
i) Select a payment method (you can choose any available method, e.g., Cash On Delivery).

j) Place the order.

k) Verify that the order has been successfully placed by checking for a confirmation message.

3) Please provide the code to automate these advanced tasks on the IMDb website. Ensure your script includes proper waits and handles exceptions for a robust automation solution. This exercise involves searching for content, extracting information, and interacting with dynamic pages on a movie database website.

Website: https://www.imdb.com/

a) Navigate to the provided URL.

b) Use the search bar at the top to search for a specific movie or TV show of your choice (e.g., "The Matrix").

c) Click on the search result that corresponds to the movie or TV show you searched for to view its details.

d) Retrieve the following information about the movie or TV show:

• Title

• Release Year

• IMDb Rating

• Description/Plot

• Cast (List of main actors/actresses)

e) Print or log this information for later use.

f) Click on the "See full cast" button to view the complete cast list.

g) Retrieve and print the names of the first 10 cast members.

h) Navigate back to the search results page.

i) Repeat steps 2-8 for another movie or TV show of your choice.

j) After completing both searches, close the browser.

4) You are tasked with automating a complex scenario on the "PhpTravels" website, a travel booking platform. The scenario involves searching for hotels, making a reservation, and managing the booking. Here are the specific requirements:

a) Launch the "PhpTravels" website (https://phptravels.net/)
b) Navigate to the "Hotels" section.

c) Use the search functionality to find a hotel room in a specific location (e.g., "Dubai, United Arab Emirates") for a given check-in (20/09/2020) and check-out date (21/09/2023) for two adults. The dates should be in the future.

d) Select "Movenpick Grand Al Bustan" hotel and select single room with free breakfast. Then click book now button.

e) Fill out the guest information form with random data and use PayPal as the payment method. Then confirm booking.

f) Proceed the payment with PayPal. Use the email address and the password provided to log in the PayPal account. Then select the "CREDIT UNION 1" and complete the payment.

g) Download the receipt as a pdf and close the web browser.