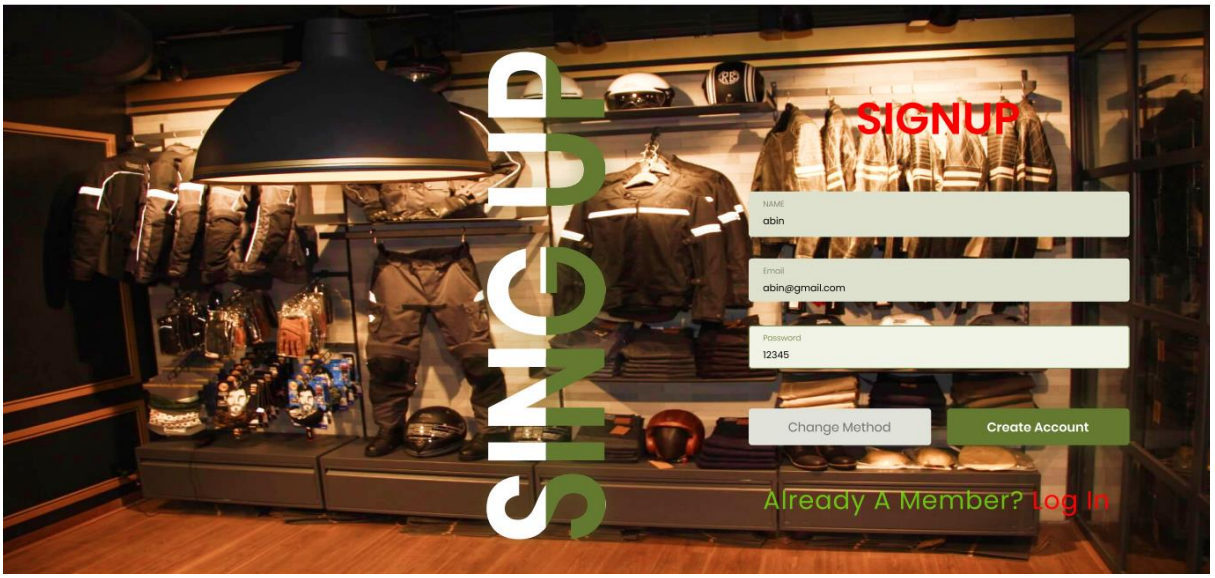
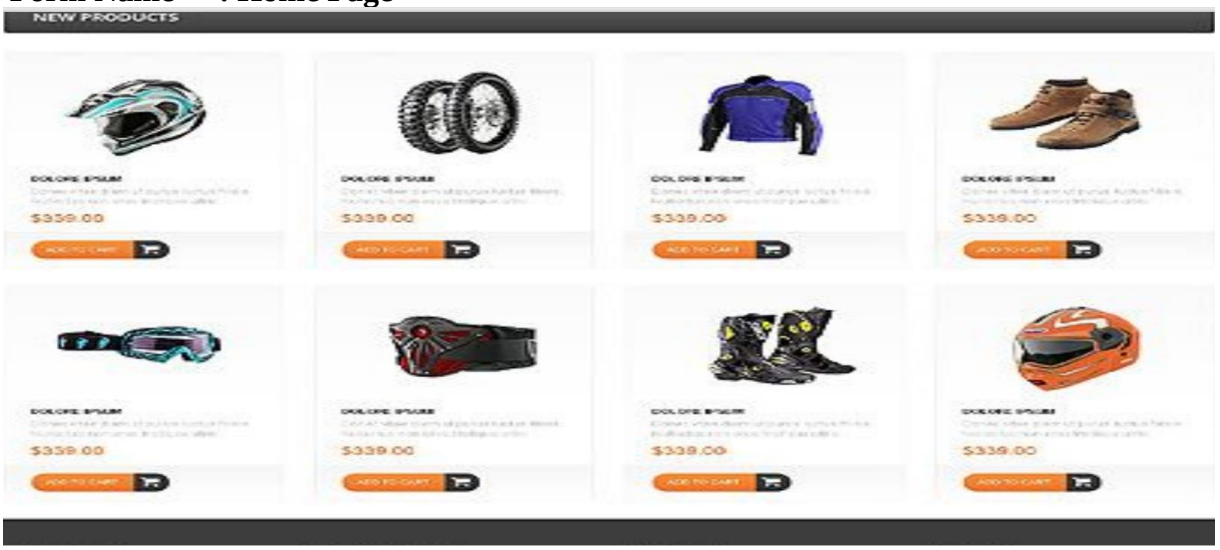
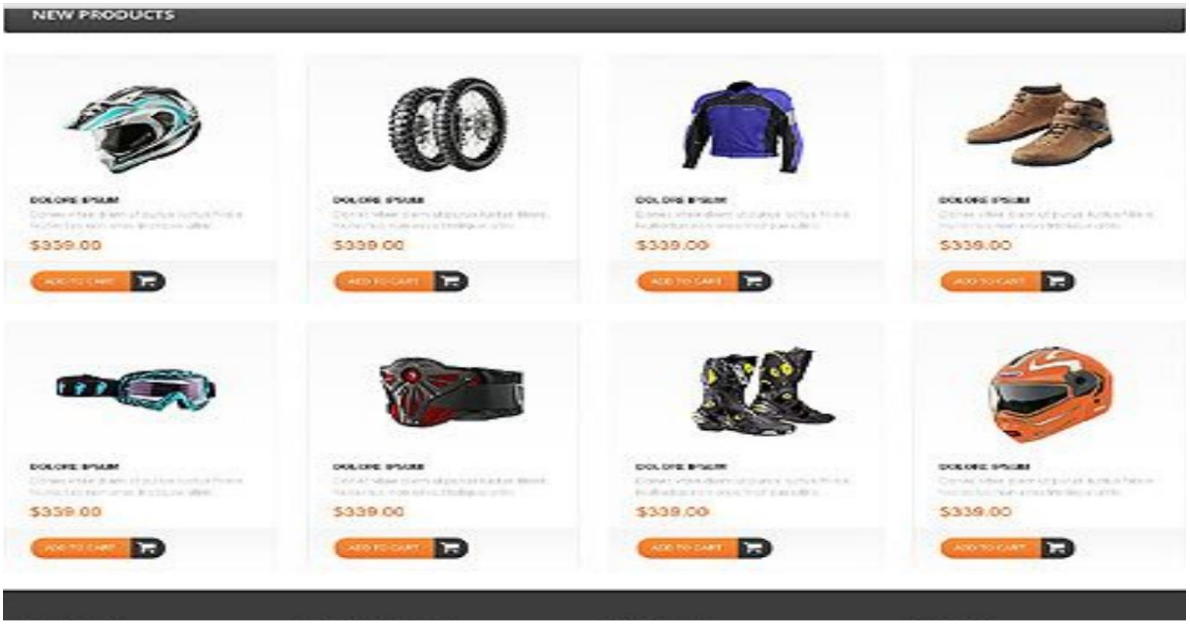
FIGMA

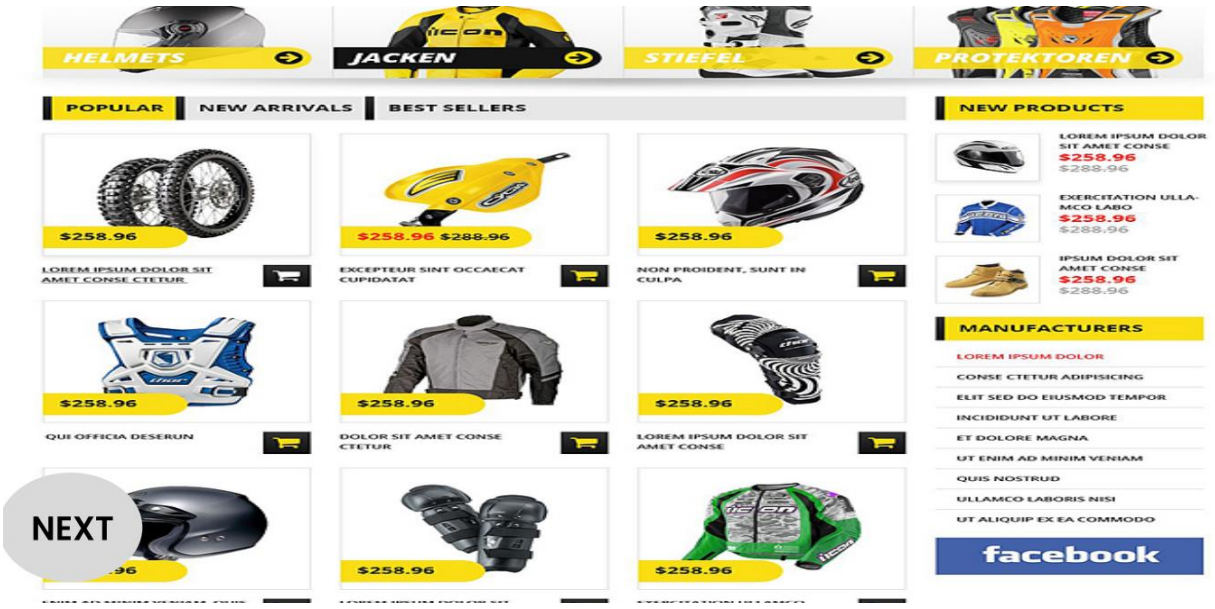
Form Name : Login



Form Name : Home Page







Selenium Testing

Selenium is an open-source, automated, and valuable testing tool that all web application developers should be well aware of. A test performed using Selenium is usually referred to as Selenium automation testing. However, Selenium is not just a single tool but a collection of tools, each catering to different Selenium automation testing needs. In this tutorial you will learn all about Selenium and the various types of Selenium automation testing tools.

Test Case 1: Login by admin

code

E: > testig > amazonselenium.py > ...

```python
import selenium
from selenium import webdriver
from selenium.webdriver.common.by import By
from selenium.webdriver.common.keys import Keys
PATH= 'C:\Program Files\chromedriver.exe'
driver = webdriver.Chrome(PATH)
driver.get("http://localhost/sample///user_login.php")
driver.maximize_window()

driver.find_element(By.ID,"a").send_keys("admin111@gmail.com")
driver.find_element(By.ID,"e").send_keys("111")
driver.find_element(By.ID,"c").click()
expectedurl ="http://localhost/sample///sidebar-01/admin.php"
currenturl=driver.current_url
if expectedurl == currenturl:
    print("Test Case Passed")
else:
    print("Test case Failed")
```

Screenshot

Test report

Test Case 1

Project Name: Trials Frontier					
Login Test Case					
Test Case ID: Test_1			**Test Designed By:** Abinmon Bousally		
Test Priority(Low/Medium/High): High			**Test Designed Date:** 31/10/2022		
Module Name: Login			**Test Executed By:** Navyamol KT		
Test Title: Login Test			**Test Execution Date**: 31/10/2022		
Description: Testing the login module					
Pre-Condition: Admin has valid username and password					
Step	**Test Step**	**Test Data**	**Expected Result**	**Actual Result**	**Status(Pass/ Fail)**
1	Navigation to login page		User should be able to login	User is navigated to index page with successful login	Pass
2	Provide valid username	Username: admin111@gmail.com			Pass
3	Provide valid password	Password: 111			
4	Click on login button				
Post-Condition: User is navigated to the index page					

Test Case 2: Registration

Code

E: > testig > amazonselenium.py > ...

```python
import selenium
from selenium import webdriver
from selenium.webdriver.common.by import By
from selenium.webdriver.common.keys import Keys
PATH= 'C:\Program Files\chromedriver.exe'
driver = webdriver.Chrome(PATH)
driver.get("http://localhost/sample/user_registration.php")
driver.maximize_window()

driver.find_element(By.ID,"name").send_keys("aaaa")
driver.find_element(By.ID,"address").send_keys("aaaa")
driver.find_element(By.ID,"email").send_keys("aaaa@gmail.com")
driver.find_element(By.ID,"phone").send_keys("9656267377")
driver.find_element(By.ID,"password").send_keys("aaaa")

driver.find_element(By.ID,"a").click()
expectedurl ="http://localhost/sample/index.html"
currenturl=driver.current_url
if expectedurl == currenturl:
    print("Test Case Passed")
else:
    print("Test case Failed")


```

Screenshot

Test Case 2

Project Name: Trials Frontier					
Registration Test Case					
Test Case ID: Test_2			**Test Designed By:** Abinmon Bousally		
Test Priority(Low/Medium/High): High			**Test Designed Date:** 31/10/2022		
Module Name: Registration			**Test Executed By :** Navyamol KT		
Test Title : Registration test			**Test Execution Date:** 31/10/2022		
Description: Testing the registration module					
Pre-Condition :admin has invalid credentials					
Step	**Test Step**	**Test Data**	**Expected Result**	**Actual Result**	**Status(Pass/ Fail)**
1	Navigate to index page		User should be able to register and navigate to index page	User is navigated to index page after registration successfully	Pass
2	Provide valid username	Username: aaaa			
3	Provide valid address	Address: aaaa			
4	Provide valid email	Email: aaaa@gmail.com			
5	Provide valid phone number	Phone number: 9656267377			
3	Provide correct password	Password: aaaa			
4	Click on submit button				
Post-Condition: User is navigated to index page after registraction					

Test Case 3: user login

Code

E: > testig > amazonselenium.py > ...

```
1   import selenium
2   from selenium import webdriver
3   from selenium.webdriver.common.by import By
4   from selenium.webdriver.common.keys import Keys
5   PATH= 'C:\Program Files\chromedriver.exe'
6   driver = webdriver.Chrome(PATH)
7   driver.get("http://localhost/sample///user_login.php")
8   driver.maximize_window()
9
10  driver.find_element(By.ID,"a").send_keys("jose@gmail.com")
11  driver.find_element(By.ID,"e").send_keys("zzz")
12  driver.find_element(By.ID,"c").click()
13  expectedurl ="http://localhost/sample////first.html"
14  currenturl=driver.current_url
15  if expectedurl == currenturl:
16      print("Test Case Passed")
17  else:
18      print("Test case Failed")
19
20
21
```

Screenshot

```
(env) E:\testig>python amazonselenium.py
E:\testig\amazonselenium.py:6: DeprecationWarning: executable_path has been deprecated, please pass in a Service object
  driver = webdriver.Chrome(PATH)

DevTools listening on ws://127.0.0.1:52129/devtools/browser/bd762a2d-f775-4fa3-9732-f8e5e73dc24b
[13104:15016:1031/174340.180:ERROR:ssl_client_socket_impl.cc(983)] handshake failed; returned -1, SSL error code 1, net_error -101
[13104:15016:1031/174340.210:ERROR:ssl_client_socket_impl.cc(983)] handshake failed; returned -1, SSL error code 1, net_error -101
[13104:15016:1031/174354.501:ERROR:ssl_client_socket_impl.cc(983)] handshake failed; returned -1, SSL error code 1, net_error -101
Test Case Passed
```

Test Case 3

Project Name: Trials Frontier					
Login Test Case					
Test Case ID: Test_3			**Test Designed By: Abinmon Bousally**		
Test Priority(Low/Medium/High): High			**Test Designed Date: 31/10/2022**		
Module Name: Login			**Test Executed By : Navyamol KT**		
Test Title : Login Test			**Test Execution Date: 31/10/2022**		
Description: Testing login module					
Pre-Condition : User has valid username and password					
Step	**Test Step**	**Test Data**	**Expected Result**	**Actual Result**	**Status(Pass/ Fail)**
1	Navigate to login page	Username: jose@gmail.com	User should be able to login	User is navigated to index page with successful login	Pass
2	Provide valid username	Password: zzz			
3	Provide correct password				
4	Click on login button				
Post-Condition: User is navigated to the index page					

Test Case 4: Contact

Code

E: > testig > amazonselenium.py > ...

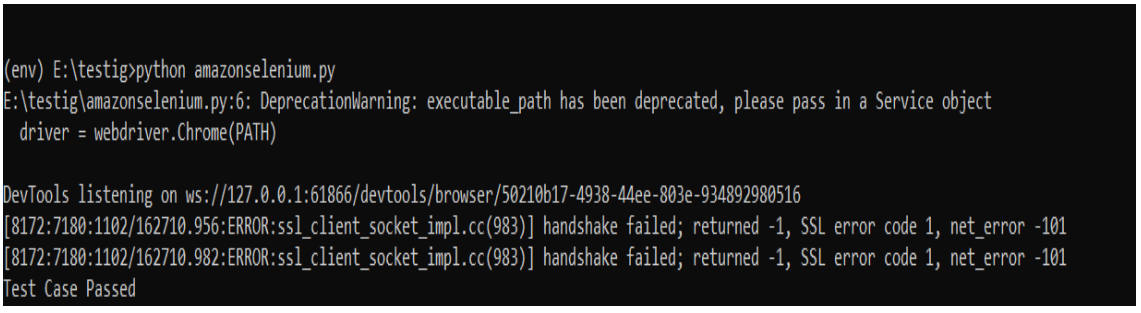
```
import selenium
from selenium import webdriver
from selenium.webdriver.common.by import By
from selenium.webdriver.common.keys import Keys
PATH= 'C:\Program Files\chromedriver.exe'
driver = webdriver.Chrome(PATH)
driver.get("http://localhost/sample/contact.php")
driver.maximize_window()

driver.find_element(By.ID,"a").send_keys("abc")
driver.find_element(By.ID,"b").send_keys("abc@gmail.com")
driver.find_element(By.ID,"c").send_keys("9656267371")
driver.find_element(By.ID,"d").send_keys("aaa")

driver.find_element(By.ID,"c").click()
expectedurl ="http://localhost/sample/contact.php"
currenturl=driver.current_url
if expectedurl == currenturl:
    print("Test Case Passed")
else:
    print("Test case Failed")


```

Screenshot



Test Case 4

Project Name: Trials Frontier					
Contact Test Case					
Test Case ID: Test_4			**Test Designed By: Abinmon Bousally**		
Test Priority(Low/Medium/High): High			**Test Designed Date: 31/10/2022**		
Module Name: **Contact**			**Test Executed By : Navyamol KT**		
Test Title : Contact test			**Test Execution Date: 31/10/2022**		
Description: testing the Contact module					
Pre-Condition : valid credentials					
Step	**Test Step**	**Test Data**	**Expected Result**	**Actual Result**	**Status(Pass/ Fail)**
1	Navigate to contact page		User should be able to enter contact details and message	After entered details user navigated back to contact page successfully	Pass
2	Provide valid name	Name: abc			
3	Provide correct contact details (email)	Email: abc@gmail.com			
4	Provide correct contact number	Phone: 9656267371			
5	Message	Message: aaa			
6	Click on Submit Button				
Post-Condition: User is navigated back to contact page successfully					