

Example:

Test Case 1

Code

```
from selenium import webdriver
from selenium.webdriver.support.ui import Select, WebDriverWait
from selenium.webdriver.common.by import By
from selenium.webdriver.support import expected_conditions as EC
from selenium.webdriver.common.alert import Alert
import datetime
import time
import random

driver = webdriver.Firefox()
# or any other webdriver of your choice
driver.get('http://localhost/lms/login.php')
username = driver.find_element(By.ID, 'email')
password = driver.find_element(By.ID, 'password')
username.send_keys('police@gmail.com')
password.send_keys('Police@123')
time.sleep(2)
login_button = driver.find_element(By.ID, 'submit_btn')
login_button.click()

time.sleep(3) # wait for 5 seconds for the page to load

if driver.current_url == 'http://localhost/lms/police/policehome.php':
    print('Login successful')
    time.sleep(3)
    driver.get('http://localhost/lms/police/drop_message.php')
    old_page = driver.current_url
    recipient_grp=Select(driver.find_element(By.ID,'recipient_grp'))
    recipient_grp.select_by_visible_text('USER')
    driver.find_element(By.NAME,'msg').send_keys('Please keep the information of laborer comes to
work in your home. Now a days some crimes are reported against guest labours frequently!')
    driver.find_element(By.NAME,'send').click()
    time.sleep(3)
    alert = Alert(driver)
    alert_text = alert.text
    # Click OK on the alert
    accept=alert.accept()

    if(alert_text=='Message has been sent successfully'):
        print('Message has been sent successfully, Test passed')
    else:
        print('Message sending failed, Test failed')
driver.quit()
```

Eg.Screenshot

```
PS C:\wamp64\www\lms\tests> & 'C:\Program Files\Python311\python.exe'
auncher' '55153' '--' 'c:\wamp64\www\lms\tests\police_message.py'
Login successful
Message has been sent successfully, Test passed
PS C:\wamp64\www\lms\tests>
```

Eg.Test Report

Test Case 1					
Project Name:					
Login Test Case					
Test Case ID: Test_1			Test Designed By: Vineeth P		
Test Priority(Low/Medium/High):			Test Designed Date: 05-05-2023		
Module Name: Police			Test Executed By : Ms. Shelly Shiju George		
Test Title :			Test Execution Date: 10-05-2023		
Description:			Used to test a page where police sends a broadcast message to all users		
Pre-Condition :User has valid username and password					
Step	Test Step	Test Data	Expected Result	Actual Result	Status(Pass/Fail)
1					
2					
3					
4					
5					

6					
7					
Post-Condition:					

Example:

Test Case 2

Code

```

from selenium import webdriver
from selenium.webdriver.support.ui import Select, WebDriverWait
from selenium.webdriver.common.by import By
from selenium.webdriver.support import expected_conditions as EC
from urllib.parse import urlparse
import time
import random
from selenium.webdriver.common.alert import Alert

driver = webdriver.Firefox()
# or any other webdriver of your choice
driver.get('http://localhost/lms/login.php')
username = driver.find_element(By.ID, 'email')
password = driver.find_element(By.ID, 'password')
username.send_keys('admin@gmail.com')
password.send_keys('Admin@123')
time.sleep(2)
login_button = driver.find_element(By.ID, 'submit_btn')
login_button.click()

time.sleep(3) # wait for 5 seconds for the page to load

if driver.current_url == 'http://localhost/lms/admin/adminhome.php':
    print('Login successful, enetered , Logged into Admin profile')
    time.sleep(2)
    driver.get('http://localhost/lms/admin/add_job_types.php')
    old_url=driver.current_url
    time.sleep(2)
    driver.find_element(By.NAME,'job_type').send_keys('LOADING')
    driver.find_element(By.NAME,'min_wage').send_keys('80')
    driver.find_element(By.NAME,'contractor_fee').send_keys('650')
    driver.find_element(By.NAME,'subcontractor_fee').send_keys('340')
    driver.find_element(By.NAME,'job_photo').send_keys("C:\wamp64\www\lms\images\loading.jpg")
)

```

```

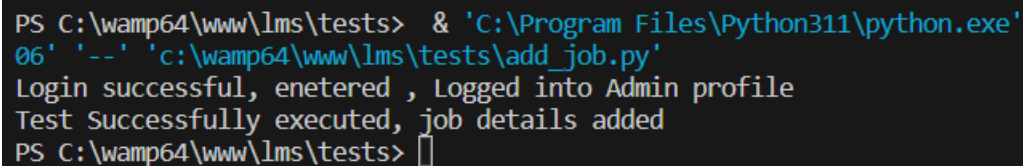
driver.find_element(By.ID,'add_job').click()
time.sleep(3)
alert = Alert(driver)
alert_text = alert.text
# Click OK on the alert
accept=alert.accept()

if(accept):
    print('Test failed, Job not added')
else:
    print('Test Successfully executed, job details added')

driver.quit()

```

Eg.Screenshot



```

PS C:\wamp64\www\lms\tests> & 'C:\Program Files\Python311\python.exe'
06' '--' 'c:\wamp64\www\lms\tests\add_job.py'
Login successful, entered , Logged into Admin profile
Test Successfully executed, job details added
PS C:\wamp64\www\lms\tests> 

```

Eg.Test Report

Test Case 3					
Project Name:					
Login Test Case					
Test Case ID: Test_1			Test Designed By: Vineeth P		
Test Priority(Low/Medium/High):			Test Designed Date: 05-05-2023		
Module Name: Police			Test Executed By : Ms. Shelly Shiju George		
Test Title :			Test Execution Date: 10-05-2023		
Description:			Used to test a page where admin adds details of a new job so that user can get that service in future		
Pre-Condition :User has valid username and password					
Step	Test Step	Test Data	Expected Result	Actual Result	Status(Pass/Fail)

1					
2					
3					
4					
5					
6					
7					
Post-Condition:					

Example:

Test Case 3

Code

```
from selenium import webdriver
from selenium.webdriver.support.ui import Select
from selenium.webdriver.common.by import By
from selenium.webdriver.support import expected_conditions as EC
from selenium.webdriver.common.alert import Alert
import time
```

```
driver = webdriver.Firefox()
# or any other webdriver of your choice
driver.get('http://localhost/lms/login.php')
username = driver.find_element(By.ID, 'email')
password = driver.find_element(By.ID, 'password')
username.send_keys('vineethp2023b@mca.ajce.in')
password.send_keys('Vineeth@123')
login_button = driver.find_element(By.ID, 'submit_btn')
login_button.click()
```

```

time.sleep(5) # wait for 5 seconds for the page to load

if driver.current_url == 'http://localhost/lms/user/userhome.php':
    print('Login successful')
    driver.get('http://localhost/lms/user/work_request.php')
    # or any other URL that you want to redirect to
    work_request_form = driver.find_element(By.NAME, 'request_works_form')
    work_request_form.find_element(By.ID, 'emailid').send_keys('vineethp2023b@mca.ajce.in')
    work_request_form.find_element(By.ID, 'job').send_keys('CARPENTING')

    contractor_dropdown = Select(work_request_form.find_element(By.ID, 'contractor_id'))
    contractor_dropdown.select_by_visible_text('PRAMOD S')

    work_request_form.find_element(By.ID, 'description').send_keys('We have some woods of teak in
our yard. We are seeking some labours to build some tables and chairs with it. If you are okay, send
me a mail')
    submit_button = driver.find_element(By.ID, 'send')
    submit_button.click()
    time.sleep(5) # wait for 5 seconds for the page to load
    alert = Alert(driver)
    alert_text = alert.text
    # Click OK on the alert
    accept=alert.accept()
    if(alert_text=='Work request submitted successfully'):
        print('Test Successfully executed, Submitted Successfully')
    else:
        print('Test failed, Work request not done')
else:
    print('Login failed')

driver.quit()

```

Eg.Screenshot

```

PS C:\wamp64\www\lms\tests> & 'C:\Program Files\Python311\python.exe'
33' '--' 'c:\wamp64\www\lms\tests\work_request_test.py'
Login successful
Test Successfully executed, Submitted Successfully
PS C:\wamp64\www\lms\tests>

```

Eg.Test Report

Test Case 3					
Project Name:					
Login Test Case					
Test Case ID: Test_1			Test Designed By: Vineeth P		
Test Priority(Low/Medium/High):			Test Designed Date: 05-05-2023		
Module Name: Police			Test Executed By : Ms. Shelly Shiju George		
Test Title :			Test Execution Date: 10-05-2023		
Description:			Used to test a page where user submits a work request to a specific contractor so that contractor can view the request		
Pre-Condition :User has valid username and password					
Step	Test Step	Test Data	Expected Result	Actual Result	Status(Pass/Fail)
1					
2					
3					
4					
5					
6					
7					
Post-Condition:					

Example:

Test Case 4

Code

```
from selenium import webdriver
from selenium.webdriver.support.ui import Select, WebDriverWait
from selenium.webdriver.common.by import By
from selenium.webdriver.support import expected_conditions as EC
import datetime
import time

driver = webdriver.Firefox()
# or any other webdriver of your choice
driver.get('http://localhost/lms/login.php')
username = driver.find_element(By.ID, 'email')
password = driver.find_element(By.ID, 'password')
username.send_keys('pramod@gmail.com')
password.send_keys('Pramod@123')
login_button = driver.find_element(By.ID, 'submit_btn')
login_button.click()

time.sleep(3) # wait for 5 seconds for the page to load

if driver.current_url == 'http://localhost/lms/contractor/contractorhome.php':
    print('Login successful')
    driver.get('http://localhost/lms/contractor/view_my_contracts.php')
    # or any other URL that you want to redirect to
    work_request_form = driver.find_element(By.NAME, 'works_form')
    divs = work_request_form.find_elements(By.CLASS_NAME, 'imgbox')
    first_div = divs[0]
    viewmore = first_div.find_element(By.ID, 'viewmore')
    viewmore.click()
    time.sleep(2)

    contractor_dropdown = Select(work_request_form.find_element(By.ID, 'subcon'))
    contractor_dropdown.select_by_visible_text('YES')
    today = datetime.date.today()
    two_days_after = today + datetime.timedelta(days=2)
    finish_date = two_days_after + datetime.timedelta(days=2)
    work_request_form.find_element(By.ID, 'scheduled_date').send_keys(two_days_after.strftime('%Y-%m-%d'))
    work_request_form.find_element(By.ID, 'date_finish').send_keys(finish_date.strftime('%Y-%m-%d'))
    work_request_form.find_element(By.ID, 'commission').send_keys('5000')
    work_request_form.find_element(By.ID, 'work_site').send_keys('Kalarkode')

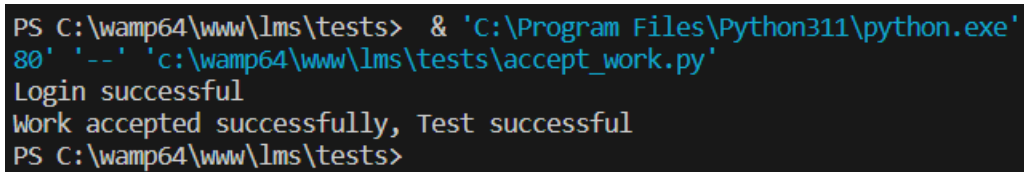
    submit_button = driver.find_element(By.ID, 'contract')
    submit_button.click()
```



```
alert = WebDriverWait(driver, 10).until(EC.alert_is_present())
if alert.text == 'Have you visited customer before taking contract ?':
    print('Work accepted successfully, Test successful')
else:
    print('Form submission failed, Test failed')
alert.accept()

driver.quit()
```

Eg.Screenshot



```
PS C:\wamp64\www\lms\tests> & 'C:\Program Files\Python311\python.exe'
80' '--' 'c:\wamp64\www\lms\tests\accept_work.py'
Login successful
Work accepted successfully, Test successful
PS C:\wamp64\www\lms\tests>
```

Eg.Test Report

Test Case 4					
Project Name:					
Login Test Case					
Test Case ID: Test_1			Test Designed By: Vineeth P		
Test Priority(Low/Medium/High):			Test Designed Date: 05-05-2023		
Module Name: Police			Test Executed By : Ms. Shelly Shiju George		
Test Title :			Test Execution Date: 10-05-2023		
Description:			Used to test a page where contractor view all work requests submitted to him and take contract and schedule the work.		
Pre-Condition :User has valid username and password					
Step	Test Step	Test Data	Expected Result	Actual Result	Status(Pass/Fail)
1					
2					
3					
4					
5					
6					
7					
Post-Condition:					

Example:

Test Case 5

Code

```
from selenium import webdriver
from selenium.webdriver.support.ui import Select, WebDriverWait
from selenium.webdriver.common.by import By
from selenium.webdriver.support import expected_conditions as EC
from selenium.webdriver.common.alert import Alert
import datetime
import time
import random
driver = webdriver.Firefox()
# or any other webdriver of your choice
driver.get('http://localhost/lms/login.php')
username = driver.find_element(By.ID, 'email')
password = driver.find_element(By.ID, 'password')
username.send_keys('josephjames@gmail.com')
password.send_keys('Joseph@123')
login_button = driver.find_element(By.ID, 'submit_btn')
time.sleep(1)
login_button.click()

time.sleep(2) # wait for 5 seconds for the page to load

if driver.current_url == 'http://localhost/lms/contractor/contractorhome.php':
    print('Login successful')
    driver.get('http://localhost/lms/contractor/track_status.php')
    # or any other URL that you want to redirect to
    allocate_btns= driver.find_elements(By.NAME, 'allocate')
    first_allocate = allocate_btns[0]
    first_allocate.click()
    time.sleep(3)
    print('Entered into schedule page')
    time.sleep(3)
    labour_charge = driver.find_element(By.NAME, 'labour_charge').send_keys('55')
    hours_of_work = driver.find_element(By.NAME, 'work_time').send_keys(7)
    start_time = driver.find_element(By.NAME, 'start_time').send_keys('10:00')
    labours = driver.find_elements(By.NAME, 'labour[]')
    selected_checkboxes = []

    if len(labours) > 3:
        selected_checkboxes = random.sample(labours, 3)
    else:
        if len(labours) > 0:
            num_checkboxes_to_select = random.randint(1, len(labours))
            selected_checkboxes = random.sample(labours, num_checkboxes_to_select)
        else:
            # handle the case where labours is an empty list
            selected_checkboxes = []
```

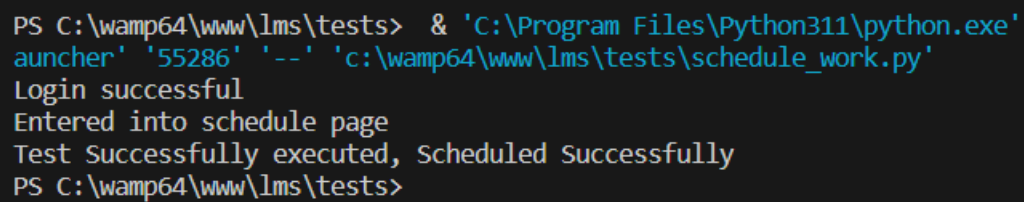
```
# Click the selected checkboxes
for checkbox in selected_checkboxes:
    checkbox.click()

driver.find_element(By.ID,'allocate').click()

time.sleep(2)
alert = Alert(driver)
alert_text = alert.text
# Click OK on the alert
accept=alert.accept()

if(accept):
    print('Test failed, Scheduling not done')
else:
    print('Test Successfully executed, Scheduled Successfully')
driver.quit()
```

Eg.Screenshot



```
PS C:\wamp64\www\lms\tests> & 'C:\Program Files\Python311\python.exe'
auncher' '55286' '--' 'c:\wamp64\www\lms\tests\schedule_work.py'
Login successful
Entered into schedule page
Test Successfully executed, Scheduled Successfully
PS C:\wamp64\www\lms\tests>
```

Eg.Test Report

Test Case 5					
Project Name:					
Login Test Case					
Test Case ID: Test_1			Test Designed By: Vineeth P		
Test Priority(Low/Medium/High):			Test Designed Date: 05-05-2023		
Module Name: Police			Test Executed By : Ms. Shelly Shiju George		
Test Title :			Test Execution Date: 10-05-2023		
Description:			Used to Allocate labors and schedule timing, wage, work site etc.		
Pre-Condition : User has valid username and password					
Step	Test Step	Test Data	Expected Result	Actual Result	Status(Pass/Fail)
1					
2					
3					
4					
5					
6					
7					
Post-Condition:					

