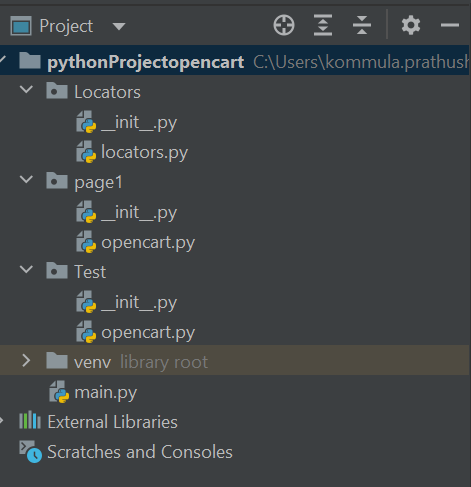
**OPENCART**



**Locators**

Locators.py

class Locators():  
 Register = "//\*[@id='navbar-collapse-header']/ul/li[8]"  
 username = "input-username"  
 firstname = "input-firstname"  
 lastname = "input-lastname"  
 email = "input-email"  
 Password = "input-password"  
 country = "input-country"  
 Email = "input-email"  
 password = "input-password"  
 recaptcha = "captcha-image"  
 login = "//\*[@id='account-login']/div[2]/div/div[1]/form/div[3]/div[1]/button[2]"  
 marketplace = "https://www.opencart.com/index.php?route=marketplace/extension"  
 resource ="//\*[@id='navbar-collapse-header']/ul/li[6]/a"  
 search = "filter\_search"  
 reason = "input-reason"  
 name ="input-name"  
 mail = "input-email"  
 msg = "input-enquiry"  
 captcha = "captcha-image"  
 send = "button-send"

**page1**

opencart.py

from Locators.locators import Locators  
class opencartpage():  
  
 def \_\_init\_\_(self,driver):  
 self.driver=driver  
 self.Register = Locators.Register  
 self.username = Locators.username  
 self.firstname = Locators.firstname  
 self.lastname = Locators.lastname  
 self.email = Locators.email  
 self.country = Locators.country  
 self.Password = Locators.Password  
 self.marketplace = Locators.marketplace  
 self.Email = Locators.Email  
 self.password = Locators.password  
 self.login = Locators.login  
 self.resource = Locators.resource  
 self.recaptcha = Locators.recaptcha  
 self.search = Locators.search  
 self.reason = Locators.reason  
 self.name = Locators.name  
 self.mail = Locators.mail  
 self.msg = Locators.msg  
 self.captcha = Locators.captcha  
 self.send = Locators.send  
 def clickRegister(self):  
 self.driver.find\_element\_by\_xpath(self.Register).click()  
 def enterusername(self,username):  
 self.driver.find\_element\_by\_id(self.username).clear()  
 self.driver.find\_element\_by\_id(self.username).send\_keys(username)  
 def enterfirstname(self,firstname):  
 self.driver.find\_element\_by\_id(self.firstname).clear()  
 self.driver.find\_element\_by\_id(self.firstname).send\_keys(firstname)  
  
 def enterlastname(self, lastname):  
 self.driver.find\_element\_by\_id(self.lastname).clear()  
 self.driver.find\_element\_by\_id(self.lastname).send\_keys(lastname)  
 def enteremail(self, email):  
 self.driver.find\_element\_by\_id(self.email).clear()  
 self.driver.find\_element\_by\_id(self.email).send\_keys(email)  
 def selectcountry(self, country):  
 self.driver.find\_element\_by\_id(self.country).clear()  
 self.driver.find\_element\_by\_id(self.country).send\_keys(country)  
 def enterPassword(self, Password):  
 self.driver.find\_element\_by\_id(self.Password).clear()  
 self.driver.find\_element\_by\_id(self.Password).send\_keys(Password)  
  
 def enterEmail(self, Email):  
 self.driver.find\_element\_by\_id(self.Email).clear()  
 self.driver.find\_element\_by\_id(self.Email).send\_keys(Email)  
 def enterpassword(self, password):  
 self.driver.find\_element\_by\_id(self.password).clear()  
 self.driver.find\_element\_by\_id(self.password).send\_keys(password)  
 def clicklogin(self):  
 self.driver.find\_element\_by\_xpath(self.login).click()  
 def clickresource(self):  
 self.driver.find\_element\_by\_xpath(self.resource).click()  
  
 def clickregbtn(self):  
 self.driver.find\_element\_by\_xpath(self.regbtn).click()  
  
 def clickmarketplace(self):  
 self.driver.find\_element\_by\_xpath(self.regbtn).click()  
 def entersearch(self, search):  
 self.driver.find\_element\_by\_name(self.search).clear()  
 self.driver.find\_element\_by\_name(self.search).send\_keys(search)  
 def clickreason(self):  
 self.driver.find\_element\_by\_id(self.reason).click()  
 def selectreason(self, reason):  
 self.driver.find\_element\_by\_id(self.reason).clear()  
 self.driver.find\_element\_by\_id(self.reason).send\_keys(reason)  
 def entername(self,name):  
 self.driver.find\_element\_by\_id(self.name).clear()  
 self.driver.find\_element\_by\_id(self.name).send\_keys(name)  
 def entermail(self, mail):  
 self.driver.find\_element\_by\_id(self.mail).clear()  
 self.driver.find\_element\_by\_id(self.mail).send\_keys(mail)  
 def entermsg(self,msg):  
 self.driver.find\_element\_by\_id(self.msg).clear()  
 self.driver.find\_element\_by\_id(self.msg).send\_keys(msg)  
 def clickcaptcha(self, captcha):  
 self.driver.find\_element\_by\_id(self.captcha).click()  
  
 def clicksend(self, send):  
 self.driver.find\_element\_by\_id(self.send).click()  
  
 def clickrecaptcha(self, send):  
 self.driver.find\_element\_by\_id(self.recaptcha).click()

**Test**

Opencart.py

import unittest  
from select import select  
  
from selenium import webdriver  
from page1.opencart import opencartpage  
from selenium.webdriver.common.by import By  
from selenium.webdriver.common.keys import Keys  
from selenium.webdriver.support.ui import WebDriverWait  
from selenium.webdriver.support import expected\_conditions as EC  
from selenium.webdriver.support.select import Select  
from selenium.webdriver.support.ui import Select  
  
  
  
class MyTestCase(unittest.TestCase):  
  
 def setUp(self):  
 self.driver = webdriver.Edge(executable\_path="C:\driver\edgedriver\_win64\msedgedriver.exe")  
 self.driver.get("https://www.opencart.com/index.php?route=cms/demo")  
 self.driver.maximize\_window()  
  
 def test\_url(self):  
 opencart = opencartpage(self.driver)  
 expectedResult = ("https://www.opencart.com/index.php?route=cms/demo")  
 actual = self.driver.current\_url  
 # Comparing the actual and expected  
 self.assertEqual(expectedResult, actual)  
  
 def test\_Register(self):  
 opencart = opencartpage(self.driver)  
 self.driver.implicitly\_wait(15)  
 self.driver.get("https://www.opencart.com/index.php?route=account/register")  
 self.driver.find\_element\_by\_id("input-username").send\_keys("kommulaprathusha@gmail.com")  
 opencart.enterusername("kommulaprathusha")  
 opencart.enterfirstname("kommula")  
 opencart.enterlastname("prathusha")  
 opencart.enteremail("kommulaprathusha@gmail.com")  
 country = Select(self.driver.find\_element\_by\_id("input-country"))  
 country.select\_by\_visible\_text("India")  
 opencart.enterPassword("1234")  
 opencart.clickrecaptcha("captcha-image")  
  
 def test\_login(self):  
 opencart = opencartpage(self.driver)  
 self.driver.get("https://www.opencart.com/index.php?route=account/login")  
 opencart.enterEmail("kommulaprathusha@gmail.com")  
 opencart.enterpassword("1234")  
 btn= self.driver.find\_element\_by\_xpath("//button[@class='btn btn-primary btn-lg btn-block visible-xs-block']")  
 self.driver.execute\_script("arguments[0].click();", btn)  
 def test\_marketplace(self):  
 opencart = opencartpage(self.driver)  
 self.driver.get("https://www.opencart.com/index.php?route=marketplace/extension")  
 opencart.entersearch("mobile")  
 def test\_resources(self):  
 opencart = opencartpage(self.driver)  
 drop = self.driver.find\_element\_by\_xpath("//\*[@id='navbar-collapse-header']/ul/li[6]/a").click()  
 self.driver.get("https://www.opencart.com/index.php?route=support/contact")  
 reason = Select(self.driver.find\_element\_by\_id("input-reason"))  
 reason.select\_by\_visible\_text("I would like to report an account issue")  
 opencart.entername("kommula prathusha")  
 opencart.entermail("kommulaprathusha@gmail.com")  
 opencart.entermsg("unable to login")  
 opencart.clickcaptcha("captcha-image")  
 opencart.clicksend("button-send")  
  
  
  
  
  
  
  
  
  
  
  
if \_\_name\_\_ == '\_\_main\_\_':  
 unittest.main()

**output:**

