**BASECLAASS**

package baseclass;

import java.util.Set;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class basecls {

public static WebDriver d;

public static void browserlaunch(String name) {

if(name.equalsIgnoreCase("chrome")) {

System.setProperty("webdriver.chrome.driver","D:\\chrome107\\chromedriver.exe");

d = new ChromeDriver();

d.get("https://demo.smart-hospital.in/site/login");

d.manage().window().maximize();

}

if(name.equalsIgnoreCase("Firefox")) {

System.setProperty("webdriver.chrome.driver","D:\\chrome107\\chromedriver.exe");

d = new ChromeDriver();

d.get("https://demo.smart-hospital.in/site/login");

d.manage().window().maximize();

}

if(name.equalsIgnoreCase("edge")) {

System.setProperty("webdriver.chrome.driver","D:\\chrome107\\chromedriver.exe");

d = new ChromeDriver();

d.get("https://demo.smart-hospital.in/site/login");

d.manage().window().maximize();

}

}

public static void wait(int s) throws InterruptedException {

Thread.sleep(s);

}

//click

public static void bloodbank(WebElement Element) throws InterruptedException{

Element.click();

}

public static void threeline(WebElement Element) throws InterruptedException{

Element.click();

}

public static void blooddonar(WebElement Element) throws InterruptedException{

Element.click();

}

public static void adddonar(WebElement Element) throws InterruptedException{

Element.click();

}

public static void click1(WebElement Element) throws InterruptedException{

Element.click();

}

public static void send(WebElement Element,String value) throws InterruptedException{

Element.sendKeys(value);

}

public static void user(WebElement Element,String value) throws InterruptedException{

Element.sendKeys(value);

}

public static void pass(WebElement Element,String value) throws InterruptedException{

Element.sendKeys(value);

}

public static void windowhandle() {

String oldwindow = d.getWindowHandle();

}

public static void windowhandles() {

Set<String> childwindow = d.getWindowHandles();

for (String child : childwindow) {

if(child.equals(childwindow)) {

d.switchTo().window((String) child);

d.close();

}

}

}

public static void donarblood(WebElement element) {

element.click();

}

public static void addblooddonor(WebElement element) {

element.click();

}

public static void donarname(WebElement Element,String value) throws InterruptedException{

Element.sendKeys(value);

}

public static void dateofbirth(WebElement Element,String value) throws InterruptedException{

Element.sendKeys(value);

}

public static void fathername(WebElement Element,String value) throws InterruptedException{

Element.sendKeys(value);

}

public static void address(WebElement Element,String value) throws InterruptedException{

Element.sendKeys(value);

}

}

**POM**

**CLASS BLOOD BANK**

package pom;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.support.FindBy;

import org.openqa.selenium.support.PageFactory;

public class bloodbank {

private static WebDriver d ;

public bloodbank(WebDriver d) {

this.d=d;

PageFactory.initElements(d,this);

}

@FindBy(xpath="//a[@role='button']")

private WebElement threeline;

public WebElement getThreeline() {

return threeline;

}

@FindBy(xpath = "//span[text()='Blood Bank']")

private WebElement bloodbank;

public WebElement getBloodbank() {

return bloodbank;

}

@FindBy(xpath = "//a[@class='btn btn-primary btn-sm']")

private WebElement blooddonar;

public WebElement getBlooddonar() {

return blooddonar;

}

@FindBy(xpath="//a[@class='btn btn-primary btn-sm addblood']")

private WebElement adddonar;

public WebElement getAdddonar() {

return adddonar;

}

@FindBy(xpath="//input[@name='donor\_name']")

private WebElement donnarname;

public WebElement getDonnarname() {

return donnarname;

}

@FindBy(xpath="//input[@name='father\_name']")

private WebElement fathername;

public WebElement getFathername() {

return fathername;

}

@FindBy(xpath="//textarea[@name='address']")

private WebElement address;

public WebElement getAddress() {

return address;

}

}

**POM LOGIN CLASS**

**package pom;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.support.FindBy;**

**import org.openqa.selenium.support.PageFactory;**

**public class loginpage {**

**private static WebDriver d ;**

**public loginpage(WebDriver d) {**

**this.d=d;**

**PageFactory.initElements(d,this);**

**}**

**@FindBy(xpath = "//input[@type='text']")**

**private WebElement username;**

**public WebElement getUsername() {**

**return username;**

**}**

**@FindBy(xpath ="//input[@type='password']")**

**private WebElement password;**

**public WebElement getPassword() {**

**return password;**

**}**

**@FindBy(xpath = "//button[@type='submit']")**

**private WebElement click;**

**public WebElement getClick() {**

**return click;**

**}**

**}**

**/\* @FindBy(xpath = "//button[@type='submit']")**

**private WebElement click1;**

**public WebElement getClick1() {**

**return click1;**

**}**

**public WebElement getClick2() {**

**return click2;**

**}**

**@FindBy(xpath = "//button[@type='submit']")**

**private WebElement click2;**

**}**

**\*/**

**POM RUNNER CLASSS**

**package POIDDRUNNER;**

**import org.testng.annotations.AfterClass;**

**import org.testng.annotations.Test;**

**import org.testng.annotations.BeforeClass;**

**import org.testng.annotations.AfterClass;**

**import org.testng.annotations.Test;**

**import org.testng.annotations.BeforeClass;**

**import org.testng.annotations.Test;**

**import baseclass.basecls;**

**import pom.bloodbank;**

**import pom.loginpage;**

**import org.testng.annotations.BeforeClass;**

**import org.openqa.selenium.WebElement;**

**import org.testng.annotations.AfterClass;**

**import org.testng.annotations.BeforeTest;**

**import org.testng.annotations.AfterTest;**

**public class NewTest extends basecls {**

**loginpage l;**

**bloodbank b;**

**//saddblooddonar s;**

**//login page**

**@Test(priority = -1)**

**public void login() throws InterruptedException{**

**user(l.getUsername(),"jason@gmail.com");**

**pass(l.getPassword(),"password");**

**click1(l.getClick());**

**wait(3000);**

**}**

**@Test(priority = 1)**

**public void blood() throws InterruptedException {**

**wait(3000);**

**threeline(b.getThreeline());**

**blooddonar(b.getBlooddonar());**

**wait(3000);**

**}**

**@Test(priority = 2)**

**public void blooddoner() throws InterruptedException {**

**wait(3000);**

**bloodbank(b.getBloodbank());**

**wait(3000);**

**windowhandle();**

**}**

**@Test(priority = 3)**

**public void adddoner() throws InterruptedException {**

**wait(3000);**

**adddonar(b.getAdddonar());**

**wait(3000);**

**windowhandles();**

**wait(3000);**

**}**

**@Test(priority = 4)**

**public void details() throws InterruptedException {**

**send(b.getDonnarname(),"akshay");**

**wait(3000);**

**send(b.getFathername(),"praveen");**

**wait(3000);**

**send(b.getAddress(),"kaliamman kovil street kolumam");**

**wait(3000);**

**}**

**// public void child(WebElement donnarname, String value) {**

**// Element.sendKeys(value);**

**//private void click(WebElement donnarname, String string) {**

**// TODO Auto-generated method stub**

**@BeforeClass**

**public void beforeClass() {**

**browserlaunch("chrome");**

**l = new loginpage(d);**

**b = new bloodbank(d);**

**//s = new saddblooddonor(d);**

**}**

**@AfterClass**

**public void afterClass() {**

**}**

**}**