**package** com.tutorialsninja.qa.testcases;

**import** java.time.Duration;

**import** java.util.Date;

**import** [org.openqa.selenium.By](http://org.openqa.selenium.by/" \t "https://mail.yahoo.com/d/folders/1/messages/_blank);

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

**import** org.openqa.selenium.chrome.ChromeDriver;

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

**import** com.tutorialsninja.qa.utils.Utilities;

**import** dev.failsafe.internal.util.Assert;

**public** **class** register {

@Test(priority=1)

**public** **void** verifyRegisteringAndAccountWithMandatoryFields() {

WebDriver driver = **new** ChromeDriver();

driver.manage().window().maximize();

driver.manage().timeouts().implicitlyWait(Duration.*ofSeconds*(10));

driver.manage().timeouts().pageLoadTimeout(Duration.*ofSeconds*(5));

driver.get("[https://tutorialsninja.com/demo/](https://tutorialsninja.com/demo/" \t "https://mail.yahoo.com/d/folders/1/messages/_blank)");

driver.findElement(By.*xpath*("//span[text()='My Account']")).click();

driver.findElement(By.*linkText*("Register")).click();

driver.findElement(By.*id*("input-firstname")).sendKeys("yazid");

driver.findElement(By.*id*("input-lastname")).sendKeys("hammoum");

driver.findElement(By.*id*("input-email")).sendKeys(Utilities.*generateEmailWithTimeStamp*());

driver.findElement(By.*id*("input-telephone")).sendKeys("1234567890");

driver.findElement(By.*id*("input-password")).sendKeys("Tiziouzou75$");

driver.findElement(By.*id*("input-confirm")).sendKeys("Tiziouzou75$");

driver.findElement(By.*name*("agree")).click();

driver.findElement(By.*xpath*("//input[@value='Continue']")).click();

String actualSuccessHeading = driver.findElement(By.*xpath*("//div[@id='content']/h1")).getText();

Assert.assertEquals(actualSuccessHeading,"Your Account Has Been Created!","Account Success page is not displayed");

driver.quit();

}

@Test(priority=2)

**public** **void** verifyRegisteringAndAccountByProvidingAllFields() {

WebDriver driver = **new** ChromeDriver();

driver.manage().window().maximize();

driver.manage().timeouts().implicitlyWait(Duration.*ofSeconds*(10));

driver.manage().timeouts().pageLoadTimeout(Duration.*ofSeconds*(5));

driver.get("[https://tutorialsninja.com/demo/](https://tutorialsninja.com/demo/" \t "https://mail.yahoo.com/d/folders/1/messages/_blank)");

driver.findElement(By.*xpath*("//span[text()='My Account']")).click();

driver.findElement(By.*linkText*("Register")).click();

driver.findElement(By.*id*("input-firstname")).sendKeys("yazid");

driver.findElement(By.*id*("input-lastname")).sendKeys("hammoum");

driver.findElement(By.*id*("input-email")).sendKeys(Utilities.*generateEmailWithTimeStamp*());

driver.findElement(By.*id*("input-telephone")).sendKeys("1234567890");

driver.findElement(By.*id*("input-password")).sendKeys("Tiziouzou75$");

driver.findElement(By.*id*("input-confirm")).sendKeys("Tiziouzou75$");

driver.findElement(By.*xpath*("//input[@name='newsletter'][@value='1']")).click();

driver.findElement(By.*name*("agree")).click();

driver.findElement(By.*xpath*("//input[@value='Continue']")).click();

String actualSuccessHeading = driver.findElement(By.*xpath*("//div[@id='content']/h1")).getText();

Assert.assertEquals(actualSuccessHeading,"Your Account Has Been Created!","Account Success page is not displayed");

driver.quit();

}

@Test(priority=3)

**public** **void** verifyRegisteringAndAccountWithExistingEmailAddress() {

WebDriver driver = **new** ChromeDriver();

driver.manage().window().maximize();

driver.manage().timeouts().implicitlyWait(Duration.*ofSeconds*(10));

driver.manage().timeouts().pageLoadTimeout(Duration.*ofSeconds*(5));

driver.get("[https://tutorialsninja.com/demo/](https://tutorialsninja.com/demo/" \t "https://mail.yahoo.com/d/folders/1/messages/_blank)");

driver.findElement(By.*xpath*("//span[text()='My Account']")).click();

driver.findElement(By.*linkText*("Register")).click();

driver.findElement(By.*id*("input-firstname")).sendKeys("yazid");

driver.findElement(By.*id*("input-lastname")).sendKeys("hammoum");

driver.findElement(By.*id*("input-email")).sendKeys("yazidhammoum@yahoo.fr");

driver.findElement(By.*id*("input-telephone")).sendKeys("1234567890");

driver.findElement(By.*id*("input-password")).sendKeys("Tiziouzou75$");

driver.findElement(By.*id*("input-confirm")).sendKeys("Tiziouzou75$");

driver.findElement(By.*xpath*("//input[@name='newsletter'][@value='1']")).click();

driver.findElement(By.*name*("agree")).click();

driver.findElement(By.*xpath*("//input[@value='Continue']")).click();

String actualWarning = driver.findElement(By.*xpath*("//div[contains(@class,'alert-dismissible')]")).getText();

Assert.assertTrue(actualWarning,("Warning: E-mail Address is already registred"),("warning message regaring duplicate email address is not displayed"));

driver.quit();

}

@Test(priority=4)

**public** **void** verifyRegisteringAndAccountWithoutFillingAnyDetails() {

WebDriver driver = **new** ChromeDriver();

driver.manage().window().maximize();

driver.manage().timeouts().implicitlyWait(Duration.*ofSeconds*(10));

driver.manage().timeouts().pageLoadTimeout(Duration.*ofSeconds*(5));

driver.get("[https://tutorialsninja.com/demo/](https://tutorialsninja.com/demo/" \t "https://mail.yahoo.com/d/folders/1/messages/_blank)");

driver.findElement(By.*xpath*("//span[text()='My Account']")).click();

driver.findElement(By.*linkText*("Register")).click();

driver.findElement(By.*xpath*("//input[@value='Continue']")).click();

String actualPrivacyPolicyWarning = driver.findElement(By.*xpath*("//div[contains(@class,'alert-dismissible')]")).getText();

Assert.assertTrue(actualPrivacyPolicyWarning.contains("Warning: You must agree to the Privacy Policy!"),("Privacy Policy Warning Message is not displayed"));

String actualFirstNameWarning = driver.findElement(By.*xpath*("//input[@id='input-firstname']/following-sibling::div")).getText();

Assert.assertEquals(actualFirstNameWarning,"First Name must be between 1 and 32 characters!","First Name warning message is not displayed");

String actualLastNameWarning = driver.findElement(By.*xpath*("//input[@id='input-lastname']/following-sibling::div")).getText();

Assert.assertEquals(actualLastNameWarning,"Last Name must be between 1 and 32 characters!","Last Name warning message is not displayed");

String actualEmailWarning = driver.findElement(By.*xpath*("//input[@id='input-email']/following-sibling::div")).getText();

Assert.assertEquals(actualEmailWarning,"Email Address does not appear to be valid!","Email warning message is not displayed");

String actualTelephoneWarning = driver.findElement(By.*xpath*("//input[@id='input-Telephone']/following-sibling::div")).getText();

Assert.assertEquals(actualTelephoneWarning,"Telephone must be between 1 and 32 characters!","Telephone warning message is not displayed");

String actualPasswordWarning = driver.findElement(By.*xpath*("//input[@id='input-Password']/following-sibling::div")).getText();

Assert.assertEquals(actualPasswordWarning,"Password must be between 4 and 20 characters!","password warning message is not displayed");

driver.quit();

}

**public** String generateEmailWithTimeStamp() {

Date date = **new** Date();

String timestamp = date.toString().replace(" ","\_").replace(":"," ");

**return**"yazidhammoum"+timestamp+"@yahoo.fr";

}

}