**selenium code with testng and timeouts**

**package com.rackspace;**

**import java.util.concurrent.TimeUnit;**

**import org.openqa.selenium.Alert;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.NoAlertPresentException;**

**import org.openqa.selenium.NoSuchElementException;**

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

**import org.openqa.selenium.firefox.FirefoxDriver;**

**import org.openqa.selenium.support.ui.Select;**

**public class RackspaceContactAutomation {**

**private WebDriver driver;**

**private String baseUrl;**

**private boolean acceptNextAlert = true;**

**private StringBuffer verificationErrors = new StringBuffer();**

**@Before**

**public void setUp() throws Exception {**

**driver = new FirefoxDriver();**

**baseUrl = "https://cp.rackspace.com/Exchange/Mail/Contacts/List.aspx?selectedDomain=blahblahblah.com";**

**driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);**

**}**

**@Test**

**public void testContactAutomationJava() throws Exception {**

**driver.get(baseUrl + "/Exchange/Mail/Contacts/List.aspx?selectedDomain=blahblahblah.com");**

**driver.findElement(By.linkText("Mr. Man")).click();**

**driver.findElement(By.linkText("Contact Information")).click();**

**new Select(driver.findElement(By.id("PhoneNumberType"))).selectByVisibleText("Mobile");**

**driver.findElement(By.id("MobilePhone")).sendKeys("999-999-9999");**

**new Select(driver.findElement(By.id("PhoneNumberType"))).selectByVisibleText("Fax");**

**driver.findElement(By.id("Fax")).sendKeys("999-999-9999");**

**driver.findElement(By.cssSelector("button.primary")).click();**

**}**

**@After**

**public void tearDown() throws Exception {**

**driver.quit();**

**String verificationErrorString = verificationErrors.toString();**

**if (!"".equals(verificationErrorString)) {**

**fail(verificationErrorString);**

**}**

**}**

**private boolean isElementPresent(By by) {**

**try {**

**driver.findElement(by);**

**return true;**

**} catch (NoSuchElementException e) {**

**return false;**

**}**

**}**

**private boolean isAlertPresent() {**

**try {**

**driver.switchTo().alert();**

**return true;**

**} catch (NoAlertPresentException e) {**

**return false;**

**}**

**}**

**private String closeAlertAndGetItsText() {**

**try {**

**Alert alert = driver.switchTo().alert();**

**String alertText = alert.getText();**

**if (acceptNextAlert) {**

**alert.accept();**

**} else {**

**alert.dismiss();**

**}**

**return alertText;**

**} finally {**

**acceptNextAlert = true;**

**}**

**}**

**}**