**JAVA CODE FOR MAIL AUTOMATION**

import java.time.Duration;

import org.openqa.selenium.By;

import org.openqa.selenium.Keys;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

import org.openqa.selenium.support.ui.ExpectedConditions;

import org.openqa.selenium.support.ui.WebDriverWait;

import org.testng.annotations.AfterClass;

import org.testng.annotations.Test;

public class TestAutomation {

private WebDriver driver;

private WebDriverWait wait;

@Test(priority = 1)

public void openGmail() {

ChromeOptions chromeOptions = new ChromeOptions();

chromeOptions.addArguments("--remote-debugging-port=2003");

chromeOptions.setExperimentalOption("debuggerAddress", "127.0.0.1:2003");

driver = new ChromeDriver(chromeOptions);

String url = "http://gmail.com";

driver.get(url);

wait = new WebDriverWait(driver, Duration.ofSeconds(10));

try {

Thread.sleep(5000);

} catch (InterruptedException e) {

e.printStackTrace();

}

}

@Test(priority = 2)

public void enterUserNameForGooleAuth() {

WebElement userName = driver.findElement(By.id("identifierId"));

userName.sendKeys("your mail id” + Keys.ENTER);

try {

Thread.sleep(5000);

} catch (InterruptedException e) {

e.printStackTrace();

}

}

@Test(priority = 3)

public void enterPasswordenterUserNameForGooleAuth() {

WebElement PassWord = driver.findElement(By.cssSelector("#password > div.aCsJod.oJeWuf > div > div.Xb9hP > input"));

PassWord.sendKeys("your password" + Keys.ENTER);

}

@Test(priority = 4)

public void ComposeButton() {

WebElement Button = wait.until(ExpectedConditions.elementToBeClickable(By.cssSelector("body > div:nth-child(23) > div.nH > div > div.nH.aqk.aql.bkL > div.aeN.WR.baA.nH.oy8Mbf > div.aic > div > div")));

Button.click();

}

@Test(priority = 5)

public void reciever() {

WebElement emailField = wait.until(ExpectedConditions.elementToBeClickable(By.cssSelector("#\\:th")));

emailField.sendKeys("kvarman48@gmail.com" + Keys.ENTER);

}

@Test(priority = 6)

public void Subject () {

WebElement subfield = wait.until(ExpectedConditions.elementToBeClickable(By.xpath("/html/body/div[26]/div/div/div/div[1]/div[2]/div[1]/div[1]/div/div/div/div[3]/div/div/div[4]/table/tbody/tr/td[2]/form/div[3]/input")));

subfield.sendKeys("Automation Tetsing Mail" + Keys.ENTER);

}

@Test(priority = 7)

public void content() {

WebElement contentfield = wait.until(ExpectedConditions.elementToBeClickable(By.cssSelector("#\\:r5")));

contentfield.sendKeys("Hey , the project was completed !!!!" + Keys.ENTER);

}

@Test(priority = 8)

public void SendButton() {

WebElement SendButton = driver.findElement(By.xpath("/html/body/div[26]/div/div/div/div[1]/div[2]/div[1]/div[1]/div/div/div/div[3]/div/div/div[4]/table/tbody/tr/td[2]/table/tbody/tr[2]/td/div/div/div[4]/table/tbody/tr/td[1]/div/div[2]/div[1]"));

SendButton.click();

}

@AfterClass

public void tearDown() {

driver.quit();

}

}