Test

package com.tmailinc.qa.tmailreact\_testscenario;

import org.testng.Assert;

import org.testng.annotations.AfterClass;

import org.testng.annotations.BeforeClass;

import org.testng.annotations.Test;

import com.tmailinc.qa.tmailreact\_amd.operations.TmailBasicOperations;

import com.tmailinc.qa.tmailreact\_helper.TMailAppSetup;

import io.appium.java\_client.android.AndroidDriver;

public class LoginTest {

public static AndroidDriver addriver;

public TmailBasicOperations tmailbasicoperations;

String userName = "apple+dev2$mob.tmail21.com";

String password = "Tmail123";

@BeforeClass

public void loadApp() {

tmailbasicoperations = TMailAppSetup.addAccountOperate();

}

@Test

public void loginTest(){

String actualUserName = tmailbasicoperations.loginWithValidCredentials(userName, password);

Assert.assertEquals(userName, actualUserName);

}

@AfterClass

public void tearDown(){

tmailbasicoperations.killApp();

}

}

Helper

package com.tmailinc.qa.tmailreact\_helper;

import java.net.MalformedURLException;

import java.net.URL;

import java.util.concurrent.TimeUnit;

import org.openqa.selenium.By;

import org.openqa.selenium.remote.DesiredCapabilities;

import com.tmailinc.qa.tmailreact\_amd.operations.TmailBasicOperations;

import io.appium.java\_client.android.AndroidDriver;

public class TMailAppSetup {

static AndroidDriver addriver;

public static TmailBasicOperations startSimulator(){

//Thread.sleep(9000);

try {

DesiredCapabilities capabilities = new DesiredCapabilities();

capabilities.setCapability("automationName", "Appium");

capabilities.setCapability("platformName", "Android");

capabilities.setCapability("platformVersion", "6.0");

capabilities.setCapability("deviceName", "emulator-5554");

capabilities.setCapability("app", "E:/Appium/app-release(8).apk");

addriver = new AndroidDriver(new URL("http://0.0.0.0:4723/wd/hub"), capabilities);

} catch (MalformedURLException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

TmailBasicOperations tmailbasicoperations = new TmailBasicOperations(addriver);

return tmailbasicoperations;

}

public static TmailBasicOperations addAccountOperate() {

try {

Thread.sleep(9000);

} catch (InterruptedException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

addriver.findElement(By.id("welcome-add-account-btn")).click();

TmailBasicOperations tmailbasicoperations = new TmailBasicOperations(addriver);

try {

Thread.sleep(9000);

} catch (InterruptedException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

return tmailbasicoperations;

}

}

Operations

**public** **class** TmailBasicOperations {

**static** AndroidDriver *addriver*;

**public** TmailBasicOperations (AndroidDriver AndroDriver){

**this**.*addriver* = AndroDriver;

}

**public** String loginWithValidCredentials(String userName, String password) {

LoginPage loginpage = **new** LoginPage(*addriver*);

String accountsPage = loginpage.loginWithValidCredentials(userName, password);

**return** accountsPage;

}

**public** **void** killApp() {

*addriver*.resetApp();

}

Page

package com.tmailinc.qa.tmailreact\_amd.page;

import java.util.concurrent.TimeUnit;

import org.openqa.selenium.By;

import org.openqa.selenium.remote.server.handler.FindElement;

import io.appium.java\_client.android.AndroidDriver;

public class LoginPage {

static AndroidDriver addriver;

public LoginPage(AndroidDriver AndroDriver) {

this.addriver = AndroDriver;

}

//elements inspections

By startAddAct = By.id("welcome-add-account-btn");

By userId = By.id("add-account-tmail-address");

By passwd = By.id("add-account-password");

By submitBtn = By.id("add-account-submit-btn");

By cancelBtn =By.id("add-account-cancel-btn");

By errMessage = By.id("add-account-err-msg");

//outside elements

By pg\_Title = By.id("folder-header-title");

//Methods to access it

public String loginWithValidCredentials(String userName, String password) {

addriver.findElement(userId).sendKeys(userName);

addriver.findElement(submitBtn).click();

addriver.manage().timeouts().implicitlyWait(60, TimeUnit.SECONDS);

addriver.findElement(passwd).sendKeys(password);

addriver.findElement(submitBtn).click();

try {

Thread.sleep(9000);

} catch (InterruptedException e) {

e.printStackTrace();

}

String pgTitle = addriver.findElement(pg\_Title).getText();

return pgTitle;

}

}