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package com.ibm.magentotest;

import java.io.File;
import java.io.FileInputStream;
import java.io.FileNotFoundException;
import java.io.FileOutputStream;
import java.io.IOException;
import java.util.Date;
import java.util.HashMap;
import java.util.Properties;
import java.util.Set;
import java.util.concurrent.TimeUnit;

import org.apache.commons.io.FileUtils;
import org.openqa.selenium.By;
import org.openqa.selenium.OutputType;
import org.openqa.selenium.TakesScreenshot;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.ie.InternetExplorerDriver;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.WebDriverWait;
import org.testng.Assert;
import org.testng.Reporter;
import org.testng.annotations.AfterMethod;
import org.testng.annotations.AfterTest;
import org.testng.annotations.BeforeMethod;
import org.testng.annotations.BeforeSuite;
import org.testng.annotations.BeforeTest;
import org.testng.annotations.Optional;
import org.testng.annotations.Parameters;
import org.testng.annotations.Test;

import com.ibm.initialization.WebDriverLaunch;
import com.ibm.magentopages.ForgotPaswrd;
import com.ibm.magentopages.HomePage;
import com.ibm.magentopages.LoginPage;
import com.ibm.magentopages.MyAccountPage;
import com.ibm.utilities.PropertiesFileHandler;

import jdk.nashorn.internal.runtime.PrototypeObject;

public class MagentoTest extends WebDriverLaunch
{
    @Test(priority = 1, testName = "CheckValidPassword",groups= "high")
    public void ValidPassword() throws IOException, InterruptedException{

        String url = data.get("url");
        driver.get(url);

        HomePage home = new HomePage(driver);
        home.clickOnMyAccountIcon();

        ForgotPaswrd fogtpswrd = new ForgotPaswrd(driver, wait);
        fogtpswrd.clickOnForgetyourPaswrd();
    }
}

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Thread.sleep(5000);

fogtpswrd.clickOnSubmitButton();
String expectederrorMsg = data.get("expectederrorMsg");
System.out.println(expectederrorMsg);

String pageSource = fogtpswrd.getPageSourceForInvalidErrorMessage();

Assert.assertTrue(pageSource.contains(expectederrorMsg), "Assertion on No password
Error Message");
Thread.sleep(5000);
fogtpswrd.enteremailAddress("bala#$$");
fogtpswrd.clickOnSubmitButton();
Thread.sleep(5000);
String expectederrorMsg1 = data.get("expectederrorMsg1");
System.out.println(expectederrorMsg1);
String pageSource1 = fogtpswrd.getPageSourceForInvalidErrorMessage1();

Assert.assertTrue(pageSource1.contains(expectederrorMsg1), "Assertion on wrong
email-id Error Message");

}

}

```

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package com.ibm.magentopages;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.support.FindBy;
import org.openqa.selenium.support.PageFactory;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.WebDriverWait;

public class ForgotPaswrd {

    @FindBy(linkText="Forgot Your Password?")
    WebElement ForgetButn;

    @FindBy(xpath="//button[@type='submit']")
    WebElement SubmitBtn;

    @FindBy(xpath="//input[@id='email_address']")
    WebElement emailaddress;

    By errorMsg =By.className("validation-advice");

    By errorMsg1= By.id("advice-validate-email-email_address");

    WebDriverWait wait;
    WebDriver driver;

    public ForgotPaswrd(WebDriver driver,WebDriverWait wait) {

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PageFactory.initElements(driver, this);
this.driver=driver;
this.wait=wait;
}

public void enteremailAddress(String userName1)
{
emailaddress.sendKeys(userName1);
}

public void clickOnForgetyourPasswr()
{
ForgetButn.click();
}

public void clickOnSubmitButton()
{
SubmitBtn.click();
}

public String getPageSourceForInvalidErrorMessage()
{
wait.until(ExpectedConditions.presenceOfElementLocated(errorMsg));

return driver.getPageSource();
}
public String getPageSourceForInvalidErrorMessage1()
{
wait.until(ExpectedConditions.presenceOfElementLocated(errorMsg1));

return driver.getPageSource();
}
}

```

