package SoneExcelSheetTest;  
  
import org.apache.poi.ss.usermodel.Row;  
import org.apache.poi.ss.usermodel.Sheet;  
import org.apache.poi.ss.usermodel.Workbook;  
import org.apache.poi.xssf.usermodel.XSSFWorkbook;  
import org.openqa.selenium.By;  
import org.openqa.selenium.WebDriver;  
import org.openqa.selenium.WebElement;  
import org.openqa.selenium.chrome.ChromeDriver;  
  
import java.io.FileOutputStream;  
import java.io.IOException;  
  
import static java.lang.System.*setProperty*;  
  
public class TestSAONE\_COL1\_ExcelSheet {  
  
 public static boolean elementExiste(WebDriver driver, By by) {  
 try {  
 WebElement element = driver.findElement(by);  
 return element.isDisplayed();  
 } catch (Exception e) {  
 return false;  
 }  
 }  
  
 public static void main(String[] args) throws InterruptedException, IOException {  
 *setProperty*("webdriver.chrome.driver", "C:\\Users\\t.thabet\\chromedriver\\chromedriver\\chromedriver.exe");  
  
 WebDriver driver = new ChromeDriver();  
  
 driver.get("https://pprod-espace-rip.orange-business.com");  
 Thread.*sleep*(2000);  
  
 driver.manage().window().maximize();  
  
 boolean pageIntermediairePresente = *elementExiste*(driver, By.*id*("details-button"));  
  
 if (pageIntermediairePresente) {  
 driver.findElement(By.*id*("details-button")).click();  
 Thread.*sleep*(2000);  
 driver.findElement(By.*id*("proceed-link")).click();  
 Thread.*sleep*(2000);  
 }  
  
 String username = "rip.rrth";  
 String password = "Rrth2019#";  
 Thread.*sleep*(2000);  
  
 WebElement usernameInput = driver.findElement(By.*id*("username"));  
 usernameInput.sendKeys(username);  
 driver.findElement(By.*id*("submit-button")).click();  
 Thread.*sleep*(1000);  
 WebElement passwordInput = driver.findElement(By.*id*("currentPassword"));  
 passwordInput.sendKeys(password);  
  
 WebElement loginButton = driver.findElement(By.*id*("submit-button"));  
 loginButton.click();  
 Thread.*sleep*(4000);  
  
 Workbook workbook = new XSSFWorkbook();  
 Sheet sheet = workbook.createSheet("SAONE\_COL");  
  
 Row headerRow = sheet.createRow(0);  
 headerRow.createCell(0).setCellValue("Catégorie");  
 headerRow.createCell(1).setCellValue("Rubrique");  
 headerRow.createCell(2).setCellValue("Sous-rubrique");  
 headerRow.createCell(3).setCellValue("Statut");  
  
 int rowNum = 1;  
  
 // \*\*\*\*\*\*\*\*\*\*\* Mes essentiels \*\*\*\*\*\*\*\*\*\*\*  
  
 String C1 = " Mes essentiels";  
 String R1C1 = "Mon contrat Public";  
 String[] SR\_R1C1 = {  
 "Mon contrat public signé",  
 "Mon Aacte de transfert",  
 "Ma lettre de stabilité actionnaire",  
 "Mon autorisation ARCEP",  
 "Mes documents statutaires",  
 "Mes attestations d'assurance",  
 "Mes avenants",  
 "Mes autres documents structurants",  
 "Mes courriers"  
 };  
  
 *addDataToExcel*(sheet, rowNum++, C1, "", "", "");  
 *addDataToExcel*(sheet, rowNum++, "", R1C1, "", "");  
  
  
 //Acceder à la catégorie  
  
 String pathMenuTitle = "//button[contains(.,'" + C1 + "')]";  
 driver.findElement(By.*xpath*(pathMenuTitle)).click();  
 Thread.*sleep*(2000);  
  
 System.*out*.println("\033[34m\* " + C1 + "\033[0m");  
  
 // Accéder à la rubrique Mon contrat Public  
 driver.findElement(By.*linkText*(R1C1)).click();  
 Thread.*sleep*(3000);  
  
 System.*out*.println("\u001B[33m\*\* " + R1C1 + " :\u001B[0m");  
  
 for (String element : SR\_R1C1) {  
 boolean elementExiste = *elementExiste*(driver, By.*linkText*(element));  
 String statut = elementExiste ? "OK" : "KO";  
  
 *addDataToExcel*(sheet, rowNum++, "", "", element, statut);  
  
 if (elementExiste) {  
 driver.findElement(By.*linkText*(element)).click();  
 Thread.*sleep*(5000);  
  
 System.*out*.println("\033[32m" + element + " OK\033[0m");  
  
 driver.navigate().back();  
 Thread.*sleep*(2000);  
 }  
 else {  
 // Ne rien faire si l'élément n'existe pas  
 System.*out*.println("\u001B[31m" + element + " , KO\u001B[0m");  
 }  
 }  
  
 // ... Ajouter d'autres données pour les autres rubriques ...  
  
 String R2C1 = "Mes offres & contrats usagers";  
 String[] SR\_R2C1 = {  
 "Mes offres de référence",  
 "Mes contrats usagers génériques",  
 "Mes contrats usagers signés"  
 };  
  
 *addDataToExcel*(sheet, rowNum++, "", R2C1, "", "");  
  
  
 // Accéder à la rubrique Mes offres & contrats usagers  
 driver.findElement(By.*linkText*(R2C1)).click();  
 Thread.*sleep*(3000);  
  
 System.*out*.println("\u001B[33m\*\* " + R2C1 + " :\u001B[0m");  
  
 for (String element : SR\_R2C1) {  
 boolean elementExiste = *elementExiste*(driver, By.*linkText*(element));  
 String statut = elementExiste ? "OK" : "KO";  
  
 *addDataToExcel*(sheet, rowNum++, "", "", element, statut);  
  
 if (elementExiste) {  
 driver.findElement(By.*linkText*(element)).click();  
 Thread.*sleep*(5000);  
  
 System.*out*.println("\033[32m" + element + " OK\033[0m");  
  
 driver.navigate().back();  
 Thread.*sleep*(2000);  
 }  
 else {  
 // Ne rien faire si l'élément n'existe pas  
 System.*out*.println("\u001B[31m" + element + " , KO\u001B[0m");  
 }  
 }  
  
 // \*\*\*\*\*\*\*\*\*\*\* Mon réseau \*\*\*\*\*\*\*\*\*\*\*  
  
 String C2 = " Mon réseau";  
  
  
 String R1C2 = "Ma sécurité chantiers";  
 String[] SR\_R1C2 = {  
 "Mes CSPS",  
 "Mes PGC",  
 "Mes PPR"  
 };  
  
 *addDataToExcel*(sheet, rowNum++, C2, "", "", "");  
 *addDataToExcel*(sheet, rowNum++, "", R1C2, "", "");  
  
  
 //Acceder à la catégorie Mon réseau  
  
 String pathMenuTitle1 = "//button[contains(.,'" + C2 + "')]";  
 driver.findElement(By.*xpath*(pathMenuTitle1)).click();  
 Thread.*sleep*(2000);  
  
 System.*out*.println("\033[34m\* " + C2 + "\033[0m");  
  
 // Accéder à la rubrique Ma sécurité chantiers  
 driver.findElement(By.*linkText*(R1C2)).click();  
 Thread.*sleep*(3000);  
  
 System.*out*.println("\u001B[33m\*\* " + R1C2 + " :\u001B[0m");  
  
 for (String element : SR\_R1C2) {  
 boolean elementExiste = *elementExiste*(driver, By.*linkText*(element));  
 String statut = elementExiste ? "OK" : "KO";  
  
 *addDataToExcel*(sheet, rowNum++, "", "", element, statut);  
  
 if (elementExiste) {  
 driver.findElement(By.*linkText*(element)).click();  
 Thread.*sleep*(5000);  
  
 System.*out*.println("\033[32m" + element + " OK\033[0m");  
  
 driver.navigate().back();  
 Thread.*sleep*(2000);  
 }  
 else {  
 // Ne rien faire si l'élément n'existe pas  
 System.*out*.println("\u001B[31m" + element + " , KO\u001B[0m");  
 }  
 }  
  
 // Accéder à la rubrique Ma vie de réseau  
  
 String R2C2 = "Ma vie de réseau";  
 String[] SR\_R2C2 = {"Mes signalisations réseaux"};  
  
 *addDataToExcel*(sheet, rowNum++, "", R2C2, "", "");  
  
 driver.findElement(By.*linkText*(R2C2)).click();  
 Thread.*sleep*(3000);  
  
 System.*out*.println("\u001B[33m\*\* " + R2C2 + " :\u001B[0m");  
  
 for (String element : SR\_R2C2) {  
 boolean elementExiste = *elementExiste*(driver, By.*linkText*(element));  
 String statut = elementExiste ? "OK" : "KO";  
  
 *addDataToExcel*(sheet, rowNum++, "", "", element, statut);  
  
 if (elementExiste) {  
 driver.findElement(By.*linkText*(element)).click();  
 Thread.*sleep*(5000);  
  
 System.*out*.println("\033[32m" + element + " OK\033[0m");  
  
 driver.navigate().back();  
 Thread.*sleep*(2000);  
 }  
 else {  
 // Ne rien faire si l'élément n'existe pas  
 System.*out*.println("\u001B[31m" + element + " , KO\u001B[0m");  
 }  
 }  
  
  
  
 // \*\*\*\*\*\*\*\*\*\*\* Mon pilotage \*\*\*\*\*\*\*\*\*\*\*  
  
  
  
 String C3 = " Mon pilotage";  
  
  
 String R1C3 = "Mes factures";  
 String[] SR\_R1C3 = {"Mes redevances et contributions"};  
  
 *addDataToExcel*(sheet, rowNum++, C3, "", "", "");  
 *addDataToExcel*(sheet, rowNum++, "", R1C3, "", "");  
  
  
 //Acceder à la catégorie Mon réseau  
  
 String pathMenuTitle2 = "//button[contains(.,'" + C3 + "')]";  
 driver.findElement(By.*xpath*(pathMenuTitle2)).click();  
 Thread.*sleep*(2000);  
  
 System.*out*.println("\033[34m\* " + C3 + "\033[0m");  
  
 // Accéder à la rubrique Mes réunions  
 driver.findElement(By.*linkText*(R1C3)).click();  
 Thread.*sleep*(3000);  
  
 System.*out*.println("\u001B[33m\*\* " + R1C3 + " :\u001B[0m");  
  
 for (String element : SR\_R1C3) {  
 boolean elementExiste = *elementExiste*(driver, By.*linkText*(element));  
 String statut = elementExiste ? "OK" : "KO";  
  
 *addDataToExcel*(sheet, rowNum++, "", "", element, statut);  
  
 if (elementExiste) {  
 driver.findElement(By.*linkText*(element)).click();  
 Thread.*sleep*(5000);  
  
 System.*out*.println("\033[32m" + element + " OK\033[0m");  
  
 driver.navigate().back();  
 Thread.*sleep*(2000);  
 }  
 else {  
 // Ne rien faire si l'élément n'existe pas  
 System.*out*.println("\u001B[31m" + element + " , KO\u001B[0m");  
 }  
 }  
  
 // Accéder à la rubrique Mes réunions  
  
 String R2C3 = "Mes réunions";  
 String[] SR\_R2C3 = {"Mes Comités Techniques"};  
  
 *addDataToExcel*(sheet, rowNum++, "", R2C3, "", "");  
  
 driver.findElement(By.*linkText*(R2C3)).click();  
 Thread.*sleep*(3000);  
  
 System.*out*.println("\u001B[33m\*\* " + R2C3 + " :\u001B[0m");  
  
 for (String element : SR\_R2C3) {  
 boolean elementExiste = *elementExiste*(driver, By.*linkText*(element));  
 String statut = elementExiste ? "OK" : "KO";  
  
 *addDataToExcel*(sheet, rowNum++, "", "", element, statut);  
  
 if (elementExiste) {  
 driver.findElement(By.*linkText*(element)).click();  
 Thread.*sleep*(5000);  
  
 System.*out*.println("\033[32m" + element + " OK\033[0m");  
  
 driver.navigate().back();  
 Thread.*sleep*(2000);  
 }  
 else {  
 // Ne rien faire si l'élément n'existe pas  
 System.*out*.println("\u001B[31m" + element + " , KO\u001B[0m");  
 }  
 }  
  
  
// Accéder à la rubrique Mon reporting  
  
 String R3C3 = "Mon reporting";  
 String[] SR\_R3C3 = {  
 "Mes intentions de déploiement",  
 "Mes rapports CAC et comptes sociaux",  
 "Mes IPE & CPN"  
 };  
  
 *addDataToExcel*(sheet, rowNum++, "", R3C3, "", "");  
  
 driver.findElement(By.*linkText*(R3C3)).click();  
 Thread.*sleep*(3000);  
  
 System.*out*.println("\u001B[33m\*\* " + R3C3 + " :\u001B[0m");  
  
 for (String element : SR\_R3C3) {  
 boolean elementExiste = *elementExiste*(driver, By.*linkText*(element));  
 String statut = elementExiste ? "OK" : "KO";  
  
 *addDataToExcel*(sheet, rowNum++, "", "", element, statut);  
  
 if (elementExiste) {  
 driver.findElement(By.*linkText*(element)).click();  
 Thread.*sleep*(5000);  
  
 System.*out*.println("\033[32m" + element + " OK\033[0m");  
  
 driver.navigate().back();  
 Thread.*sleep*(2000);  
 }  
 else {  
 // Ne rien faire si l'élément n'existe pas  
 System.*out*.println("\u001B[31m" + element + " , KO\u001B[0m");  
 }  
 }  
  
 try (FileOutputStream fileOut = new FileOutputStream("rapport\_recette\_SAONE\_COL.xlsx")) {  
 workbook.write(fileOut);  
 }  
  
 driver.quit();  
 }  
  
 private static void addDataToExcel(Sheet sheet, int rowNum, String categorie, String rubrique, String sousRubrique, String statut) {  
 Row row = sheet.createRow(rowNum);  
 row.createCell(0).setCellValue(categorie);  
 row.createCell(1).setCellValue(rubrique);  
 row.createCell(2).setCellValue(sousRubrique);  
 row.createCell(3).setCellValue(statut);  
 }  
}