package Exceloperation;

import java.io.FileInputStream;

import java.io.IOException;

//import java.time.Duration;

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

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

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.Keys;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.apache.poi.ss.usermodel.DataFormatter;

public class InventoryAddMultipleProductFromExcel

{

WebDriver driver;

//Inventory Product Management

public void Chrome() throws InterruptedException

{

System.setProperty("Webdriver.chrome.driver","C:\\Users\\ronak\\Selenium\\chromedriver.exe");

driver = new ChromeDriver();

driver.get("https://inventory.sparepartwale.in/");

driver.manage().window().maximize();

//Login Page

driver.findElement(By.xpath("//input[@id='phone']")).sendKeys("8999150625");

driver.findElement(By.xpath("//input[@id='password']")).sendKeys("Ajinkya@2000");

Thread.sleep(2000);

driver.findElement(By.xpath("//button[@type='submit']")).click();

Thread.sleep(8000);

//Perfect Run

}

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Product Management\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//Inventory Product Management

public void AddInventoryProduct(String ProductNumber, String ProductBrand, String ProWeight, String Weight, String ProHeight, String Height, String ProWidth, String Width, String ProDepth, String Depth, String Description, String ManufacturerName, String ManufacturerDate, String HSN, String GST, String Origin, String Type, String MRP, String SellingPrice) throws InterruptedException

{

//Click on the Production Management

WebElement IAddProductmanage=driver.findElement(By.xpath("//div[@class='main-sidebar']//div[@class='module\_Name'][normalize-space()='Product Management']"));

IAddProductmanage.click();

//Add button click

WebElement IAddProdAddbutton=driver.findElement(By.xpath("//span[@class='material-symbols-rounded Add\_Symbol']"));

Thread.sleep(6000);

IAddProdAddbutton.click();

try

{

//Product number

WebElement IAddProdNumber=driver.findElement(By.xpath("//input[@id=\'product\_number\']"));

IAddProdNumber.sendKeys(ProductNumber);

//Thread.sleep(4000);

}

catch(Exception e)

{

e.printStackTrace();

}

try

{

Thread.sleep(6000);

WebElement IAddProdnumberClick=driver.findElement(By.xpath("//div[contains(text(),ProductNumber)]"));

IAddProdnumberClick.click();

Thread.onSpinWait();

}

catch(Exception e)

{

e.printStackTrace();

}

//\*\*\*\*\*\*\*\* Input Value of Product No. \*\*\*\*\*\*\*\*\*\*\*\*\*\*//

//WHT001968

//WHT001872

//WHT001693

//U0071499

//U0809301

//SYTT700045

//SYTT700044

//SYTT700043

//SYTT700042

//SYTT700039

//SYTT700038

//SYTT700036

//J96473224

//J96473223

//J96959998

//Product Brand

WebElement IAddProdBrand = driver.findElement(By.xpath("//input[@id='product\_brand']"));

IAddProdBrand.sendKeys(ProductBrand);

Thread.sleep(1000); // Introduce a small delay before clicking to ensure the suggestion box appears

//Dropdown for Product Brand

WebElement IAddProdBrandClick = driver.findElement(By.xpath("//div[contains(text(),'" + ProductBrand + "')]"));

IAddProdBrandClick.click();

Thread.sleep(2000); // Introduce a small delay after clicking to allow the selection

try

{

//Image Upload

WebElement IAddProdImage = driver.findElement(By.id("product\_image"));

// Provide the absolute file path to the image you want to upload

IAddProdImage.sendKeys("C:\\Users\\Aaditya\\Desktop\\Testing Imges\\download.jpeg");

Thread.sleep(2000);

//Next button

WebElement IAddProdNextButton = driver.findElement(By.xpath("//button[@class=\"next-btn\" and text()=\"NEXT\"]"));

IAddProdNextButton.click();

}

catch(Exception e)

{

e.printStackTrace();

}

//Product Description

//Product Weight selection

WebElement IAddProdweight = driver.findElement(By.xpath("//input[@id=\"product\_weight\"]"));

IAddProdweight.sendKeys(ProWeight);

//Dropdown of Weight

WebElement IAddweight = driver.findElement(By.xpath("/html[1]/body[1]/div[1]/div[2]/div[1]/div[4]/div[2]/div[1]/div[1]/div[1]/div[1]/div[2]/form[1]/div[1]/div[1]/div[2]/div[1]/div[1]/div[1]/div[1]"));

IAddweight.click();

Thread.sleep(1000);

WebElement IAddWeightclick = driver.findElement(By.xpath("/html[1]/body[1]/div[1]/div[2]/div[1]/div[4]/div[2]/div[1]/div[1]/div[1]/div[1]/div[2]/form[1]/div[1]/div[1]/div[2]/div[1]/div[1]/div[2]/div[2]"));

IAddWeightclick.click();

//Product height selection

WebElement IAddProheight = driver.findElement(By.xpath("//input[@id='product\_height']"));

IAddProheight.sendKeys(ProHeight);

//Dropdown of Height

WebElement IAddHeight = driver.findElement(By.xpath("/html[1]/body[1]/div[1]/div[2]/div[1]/div[4]/div[2]/div[1]/div[1]/div[1]/div[1]/div[2]/form[1]/div[1]/div[2]/div[2]/div[1]/div[1]/div[1]"));

IAddHeight.click();

Thread.sleep(1000);

WebElement IAddHeightClick = driver.findElement(By.xpath("/html[1]/body[1]/div[1]/div[2]/div[1]/div[4]/div[2]/div[1]/div[1]/div[1]/div[1]/div[2]/form[1]/div[1]/div[2]/div[2]/div[1]/div[1]/div[2]/div[2]"));

IAddHeightClick.click();

//Product width selection

WebElement IAddProdWidth = driver.findElement(By.xpath("//input[@id='product\_width']"));

IAddProdWidth.sendKeys(ProWidth);

//Dropdown for Width

WebElement IAddWidth = driver.findElement(By.xpath("/html[1]/body[1]/div[1]/div[2]/div[1]/div[4]/div[2]/div[1]/div[1]/div[1]/div[1]/div[2]/form[1]/div[2]/div[1]/div[2]/div[1]/div[1]/div[1]"));

IAddWidth.click();

Thread.sleep(1000);

WebElement IAddWidthClick = driver.findElement(By.xpath("/html[1]/body[1]/div[1]/div[2]/div[1]/div[4]/div[2]/div[1]/div[1]/div[1]/div[1]/div[2]/form[1]/div[2]/div[1]/div[2]/div[1]/div[1]/div[2]/div[2]"));

IAddWidthClick.click();

//Product Depth selection

WebElement IAddProdDepth = driver.findElement(By.xpath("//input[@id='product\_depth']"));

IAddProdDepth.sendKeys(ProDepth);

//DropDown of Depth

WebElement IAddDepth = driver.findElement(By.xpath("/html[1]/body[1]/div[1]/div[2]/div[1]/div[4]/div[2]/div[1]/div[1]/div[1]/div[1]/div[2]/form[1]/div[2]/div[2]/div[2]/div[1]/div[1]/div[1]/div[1]"));

IAddDepth.click();

Thread.sleep(1000);

WebElement IAddDepthClick = driver.findElement(By.xpath("/html[1]/body[1]/div[1]/div[2]/div[1]/div[4]/div[2]/div[1]/div[1]/div[1]/div[1]/div[2]/form[1]/div[2]/div[2]/div[2]/div[1]/div[1]/div[2]/div[2]"));

IAddDepthClick.click();

//Description

WebElement IAddProdDescription = driver.findElement(By.xpath("//textarea[@id='product\_description']"));

IAddProdDescription.sendKeys(Description);

Thread.sleep(1000);

try

{

//Next button

WebElement IAddProdNextButton = driver.findElement(By.xpath("//button[@type='submit']"));

IAddProdNextButton.click();

Thread.sleep(1000);

}

catch(Exception e)

{

e.printStackTrace();

}

//Pricing

//Manufacturer Name

WebElement IAddProdMName = driver.findElement(By.xpath("//input[@id='manufacture\_name']"));

IAddProdMName.sendKeys(ManufacturerName);

Thread.sleep(3000);

WebElement IAddProdMNameClick=driver.findElement(By.xpath("//div[contains(text(),ManufacturerName)]"));

IAddProdMNameClick.click();

//Manufacture date

WebElement IAddProdMDate = driver.findElement(By.xpath("//input[@id='manufactured\_date']"));

//IAddProdMDate.click();

IAddProdMDate.sendKeys(ManufacturerDate);

Thread.sleep(1000);

// HSN number

WebElement IAddProdHSN = driver.findElement(By.xpath("//input[@id='hsnNumber']"));

IAddProdHSN.sendKeys(HSN);

Thread.sleep(1000);

try

{

WebElement hsnOption = driver.findElement(By.xpath("//div[contains(text(),'" + HSN + "')]"));

hsnOption.click();

Thread.sleep(2000);

}

catch (Exception e)

{

e.printStackTrace();

}

//GST

WebElement IAddPRodGST = driver.findElement(By.xpath("//div[@class='form\_Extended\_control']//div//div[@class='dropdown-input']"));

IAddPRodGST.click();

WebElement IAddProdGSTSelect = driver.findElement(By.xpath("//div[normalize-space()='5%']"));

IAddProdGSTSelect.click();

//Select Origin

WebElement IAddProdSelectOrigin = driver.findElement(By.xpath("//div[normalize-space()='Select a origin']"));

IAddProdSelectOrigin.click();

WebElement IAddProdSelectOriginClick = driver.findElement(By.xpath("/html[1]/body[1]/div[1]/div[2]/div[1]/div[4]/div[2]/div[1]/div[1]/div[1]/div[1]/div[2]/form[1]/div[3]/div[1]/div[1]/div[1]/div[2]/div[2]"));

IAddProdSelectOriginClick.click();

Thread.sleep(3000);

//Type

WebElement IAddProdType = driver.findElement(By.xpath("//body/div[@id='root']/div[@class='app-container']/div[@class='main-container']/div[@class='main-body']/div[@class='main-body-container']/div[@class='add-user-container']/div[@class='adduser']/div[@class='adduser-a']/div[@class='form-part']/div[@class='form-container']/form[@class='form-step']/div[3]/div[2]/div[1]/div[1]/div[1]"));

IAddProdType.click();

Thread.sleep(1000);

WebElement IAddProdTypeSelect = driver.findElement(By.xpath("//div[normalize-space()='Old']"));

IAddProdTypeSelect.click();

//Quality of old product

WebElement IAddProdQuality=driver.findElement(By.xpath("//div[@class='groupRadio']//div[1]//input[1]"));

IAddProdQuality.click();

//Thread.sleep(1000);

//MRP

WebElement IAddProdMrp=driver.findElement(By.xpath("//input[@id=\"mrp\"]"));

IAddProdMrp.sendKeys(MRP);

Thread.sleep(1000);

//Selling Price

WebElement IAddProdSellingPrice=driver.findElement(By.xpath("//input[@id=\"selling\_price\"]"));

IAddProdSellingPrice.sendKeys(SellingPrice);

Thread.sleep(1000);

//WebElement IAddProdyesclick=driver.findElement(By.xpath("//input[@id='check']"));

//IAddProdyesclick.click();

//Thread.sleep(1000);

//send button functionality

//Send button

WebElement IAddProdSend2 = driver.findElement(By.xpath("//button[@type='submit']"));

IAddProdSend2.click();

Thread.sleep(1000);

}

public void addMulProductFromExcel(String excelFilePath) throws IOException, InterruptedException

{

FileInputStream inputStream = new FileInputStream("C:\\Users\\Aaditya\\Desktop\\Testing sheet\\BulkProductDetail14.xlsx");

Workbook workbook = new XSSFWorkbook(inputStream);

Sheet sheet = workbook.getSheetAt(0);

for (int i = 1; i <= sheet.getLastRowNum(); i++)

{

Row row = sheet.getRow(i);

// Use DataFormatter to format cell values

DataFormatter dataFormatter = new DataFormatter();

String ProductNumber = dataFormatter.formatCellValue(row.getCell(0));

String ProductBrand = dataFormatter.formatCellValue(row.getCell(1));

String ProWeight = dataFormatter.formatCellValue(row.getCell(2));

String Weight = dataFormatter.formatCellValue(row.getCell(3));

String ProHeight = dataFormatter.formatCellValue(row.getCell(4));

String Height = dataFormatter.formatCellValue(row.getCell(5));

String ProWidth = dataFormatter.formatCellValue(row.getCell(6));

String Width = dataFormatter.formatCellValue(row.getCell(7));

String ProDepth = dataFormatter.formatCellValue(row.getCell(8));

String Depth = dataFormatter.formatCellValue(row.getCell(9));

String Description = dataFormatter.formatCellValue(row.getCell(10));

String ManufacturerName = dataFormatter.formatCellValue(row.getCell(11));

String ManufacturedDate = dataFormatter.formatCellValue(row.getCell(12));

String HSN = dataFormatter.formatCellValue(row.getCell(13));

String GST = dataFormatter.formatCellValue(row.getCell(14));

String Origin = dataFormatter.formatCellValue(row.getCell(15));

String Type = dataFormatter.formatCellValue(row.getCell(16));

String MRP = dataFormatter.formatCellValue(row.getCell(17));

String SellingPrice = dataFormatter.formatCellValue(row.getCell(18));

AddInventoryProduct(ProductNumber, ProductBrand, ProWeight, Weight, ProHeight, Height, ProWidth, Width, ProDepth, Depth, Description, ManufacturerName, ManufacturedDate, HSN, GST, Origin, Type, MRP, SellingPrice);

Thread.sleep(2000);

}

workbook.close();

inputStream.close();

}

public static void main(String[] args) throws InterruptedException, IOException

{

// TODO Auto-generated method stub

InventoryAddMultipleProductFromExcel obj = new InventoryAddMultipleProductFromExcel();

obj.Chrome();

obj.addMulProductFromExcel("C:\\Users\\Aaditya\\Desktop\\Testing sheet\\BulkProductDetail14.xlsx");

}

}