package com.example.Bddproject;

import java.io.File;

import java.io.FileInputStream;

import java.io.IOException;

import java.text.SimpleDateFormat;

import java.util.Date;

import java.util.Enumeration;

import java.util.Properties;

import javax.activation.DataHandler;

import javax.activation.DataSource;

import javax.activation.FileDataSource;

import javax.mail.BodyPart;

import javax.mail.Message;

import javax.mail.MessagingException;

import javax.mail.Multipart;

import javax.mail.Session;

import javax.mail.Transport;

import javax.mail.internet.AddressException;

import javax.mail.internet.InternetAddress;

import javax.mail.internet.MimeBodyPart;

import javax.mail.internet.MimeMessage;

import javax.mail.internet.MimeMultipart;

public class Mailing {

static String key, data, from, to, password;

static String[] AllToAddress;

static String host = "smtp.gmail.com";

public void GetData() throws IOException {

File prop = new File("input/credentials.properties");

FileInputStream input = new FileInputStream(prop);

Properties props = new Properties();

props.load(input);

Enumeration<?> value = props.keys();

while (value.hasMoreElements()) {

key = (String) value.nextElement();

data = props.getProperty(key);

if (key.equals("to")) {

to = data;

}

if (key.equals("from")) {

from = data;

}

if (key.equals("password")) {

password = data;

}

}

AllToAddress = to.split(",");

}

public void mail() throws IOException, AddressException, MessagingException {

GetData();

// System properties

Properties SysmProp = System.getProperties();

SysmProp.put("mail.smtp.starttls.enable", "true");

SysmProp.put("mail.smtp.host", host);

SysmProp.put("mail.smtp.user", from);

SysmProp.put("mail.smtp.password", password);

SysmProp.put("mail.smtp.port", "587");

SysmProp.put("mail.smtp.auth", "true");

// Creating session and mime message object

Session session = Session.getInstance(SysmProp, new javax.mail.Authenticator() {

protected javax.mail.PasswordAuthentication getPasswordAuthentication() {

return new javax.mail.PasswordAuthentication(from, password);

}

});

MimeMessage message = new MimeMessage(session);

message.setFrom(new InternetAddress(from));

// Form Internet address array

InternetAddress[] ia = new InternetAddress[AllToAddress.length];

for (int i = 0; i < AllToAddress.length; i++) {

ia[i] = new InternetAddress(AllToAddress[i]);

}

message.addRecipients(Message.RecipientType.TO, ia);

// Set subject and body and adding attachments

String strDate = new SimpleDateFormat("yyyy-MM-dd").format(new Date());

message.setSubject("Execution report on " + strDate);

BodyPart messageBodyPart = new MimeBodyPart();

messageBodyPart.setText("Hello, Good day! \n"

+ "\n"

+ "All scenarios have been executed. Please find the attached report of the execution. \n"

+ "\n"

+ "Thanks,\n"

+ "Subhasis Sahoo.");

Multipart multipart = new MimeMultipart();

multipart.addBodyPart(messageBodyPart);

File file2 = new File("C:\\Users\\10820896\\OneDrive - LTIMindtree\\Desktop\\Gladiator\\Bddproject\\target\\Spark.html");

messageBodyPart = new MimeBodyPart();

DataSource source = new FileDataSource(file2.getAbsolutePath());

messageBodyPart.setDataHandler(new DataHandler(source));

messageBodyPart.setFileName("Report\_" + strDate + ".html");

multipart.addBodyPart(messageBodyPart);

message.setContent(multipart);

// Start transportation of message

Transport trans = session.getTransport("smtp");

trans.connect(host, from, password);

trans.sendMessage(message, message.getAllRecipients());

for (String address : AllToAddress) {

System.out.println("Mail has been sent to " + address);

}

trans.close();

}

public static void main(String[] args) {

try {

new Mailing().mail();

} catch (Exception e) {

e.printStackTrace();

}

}

}  
  
  
  
  
  
  
  
  
package com.example.Bddproject;

import org.junit.runner.RunWith;

import io.cucumber.junit.Cucumber;

import io.cucumber.junit.CucumberOptions;

import java.io.IOException;

import javax.mail.MessagingException;

import javax.mail.internet.AddressException;

import org.junit.AfterClass;

@RunWith(Cucumber.class)

@CucumberOptions(features = "features", glue = {"stepdefinition"}, tags = "@MoreCategories")

public class TestRunner {

@AfterClass

public static void SendingMail() throws AddressException, IOException, MessagingException {

Mailing sendMail = new Mailing();

try {

sendMail.mail();

System.out.println("Report has been sent");

} catch (IOException | MessagingException e) {

e.printStackTrace();

}

}

}

