Sending Email

## Set Up

* HTML-page that has an email form
* Service that can send an email.

You can use the Session and Transport classes (javax.mail) to send an email via Gmail.

* Handler that uses the service to send an email

## Example of main method with Gmail

* <https://netcorecloud.com/tutorials/send-email-in-java-using-gmail-smtp/>
* Click on this link and click and turn on radio button to allow users to send mail from unknown location: <https://www.google.com/settings/security/lesssecureapps>

## Acceptance Criteria

* Make a HTML-page with an email form that contains a receiver, subject, message and submit
* When the submit button is pressed, the mail should be sent to the correct receiver, with the correct subject and message.
* After the mail is sent the webpage should show a message that the mail was sent successfully.
* See the example below:

package ui.controller;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import java.util.Properties;

import javax.mail.Message;

import javax.mail.MessagingException;

import javax.mail.PasswordAuthentication;

import javax.mail.Session;

import javax.mail.Transport;

import javax.mail.internet.InternetAddress;

import javax.mail.internet.MimeMessage;

public class SendEmail extends RequestHandler {

@Override public String handleRequest(HttpServletRequest request, HttpServletResponse response)

{

String recipient = request.getParameter("recipient");

String host = "smtp.gmail.com";

Properties properties = System.getProperties();

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

properties.put("mail.smtp.port", "465");

properties.put("mail.smtp.ssl.enable", "true");

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

Session session = Session.getInstance(properties, new javax.mail.Authenticator() { protected PasswordAuthentication getPasswordAuthentication() { return new PasswordAuthentication("ucllproject2021@gmail.com", "project123!"); } });

session.setDebug(true);

try { MimeMessage message = new MimeMessage(session); message.setFrom(new InternetAddress("ucllproject2021@gmail.com")); message.addRecipient(Message.RecipientType.TO, new InternetAddress(recipient)); message.setSubject(request.getParameter("subject")); message.setText(request.getParameter("text")); System.out.println("versturen..."); Transport.send(message); request.setAttribute("success", "Email is succesvol verstuurd"); } catch (MessagingException mex) { mex.printStackTrace(); request.setAttribute("error", mex.getMessage()); } return "sendemail.jsp"; }}

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