JAVA Email Server + Email Client emulator homework

Your organization has email accounts on 3 different vendors
   1) Gmail
   2) Walla
   3) Yahoo
Each employee in the organization has 3 email accounts (one on each of the vendors).
Today when you like to send email to your customers through one of the vendors you must
login to each one, construct the email and send it

We would like to be able to send emails without the need to login to each vendor

   1) Create a Bridge Email Server that will receive emails for your clients and will be able to
      identify through which email vendor the email needs to be sent
      Here are the vendors server information
         a. Gmail:
               a. Server address: smtp.gmail.com
               b. User name: admin
               c. Password: admin
               d. Email postfix: @gmail.com
         b. Walla:
               a. Server address: smtp.walla.co.il
               b. User name: admin
               c. Password: admin
               d. Email postfix: @walla.co.il
         c. Yahoo:
               a. Server address: smtp.yahoo.com
               b. User name: admin
               c. Password: admin
               d. Email postfix: @yahoo.com

   2) Create an Email client that only knows how to send the following:
         a. To: <customer email>
         b. From: <your name>@<vendor email postfix>
         c. Body: <any information you like>

 Tips:
   a. Create a design diagram that explains the system
   b. Think if any design patterns need to be used
   c. Think Multithread - do we need to support multithread for this system?

Enjoy (-: