**RegistrationServlet**

**Note:** *in order that the servlet works correctly it is important to indicate the password of your database (defined on your computer thanks to Mathieu's code) in the code at line 32 between “ ”. Otherwise, the servlet will not be able to access the database since it is not online.*

The registration servlet retrieves the data entered by the user who wishes to register. These data are entered into forms on the following pages:

* registerPage.jsp
* mobilePhoneNumber.jsp
* homeAddress.jsp
* createPassword.jsp
* additionalInformationStatus.jsp
* additionalInformation.jsp

We decided to call the same servlet regardless of which registration page wanted to send its data. Forms send their data to the servlet when the user presses the "submit" button. The Servlet retrieves this data and stores it in the database. As all the data sent to the servlet is different depending on the jsp page that calls it. It is necessary to do a succession of "if" and "else if" in order to determine what data has been sent and what action the servlet must do.

If the data is sent by the first registration page (registerPage.jsp), then the servlet takes care of creating a new row in the database with the information retrieved from this page. The missing information required by the database are defined as null. When the following pages call the registrationServlet, then the servlet takes care of adding the retrieved information to the row created with all information from the first registration page.

To be able to know which line the registration pages 2 to 6 should modify, the servlet uses the HTTPsession. The user's email is written to it when the first page calls the servlet. The other servlets get this data in order to modify the right line.