Swing graphical user interface. Read and write from a database.

Create a little application for management of contacts.

First, you create a database with SQLite called contacts with one single table : contact.

Your table has 5 fields:

Id number , firstName text, lastName text, age number, phone text.

You add 3 records as per your choice to your table.

Second, you create an app which has one single GUI. In the upper half, you implement the following functionalities:

**a)** When you run your app, all your contacts ids are loaded in a combo box. **(5 points)**

**b)** You choose from that combo box a contact id, all the text box first name, last name, age, telephone are filled with Those of that specific contact id you chose in combo box. **(3 points)**

**c)** You add 2 buttons as follow: **(2 points)**

Add: to add a record

Update: to update a record

In the lower half, you implement the following functionality:

You add a textbox, a button and a JTable to your GUI. You could search for a contact per his first name.

**d)** As per example, if you put the name of the contact in the text box and click on the search button, all the contact information displays in the JTable. **(5 points)**

ATTENTION: do not forget to send your database among your java files in one single .zip file.