WEB development - TP7
IUT BANK – Secured site with database

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The customers/accounts/entries displayed on the site are currently stored in csv files. The aim of this work is to **use a database** that will contain the data to be displayed. A script for creating the database and the data is provided on Moodle.

1 – Run the script to create the database named 'iut_bank' ('CreationBD_IUT_BANK_2023.sql'). The script contains instructions for creating the various tables and instructions for inserting data. To do this, open the script, copy the content and paste it into an 'SQL' tab in PhpMyadmin (1) or use the import procedure from a direct file (2).

(1)

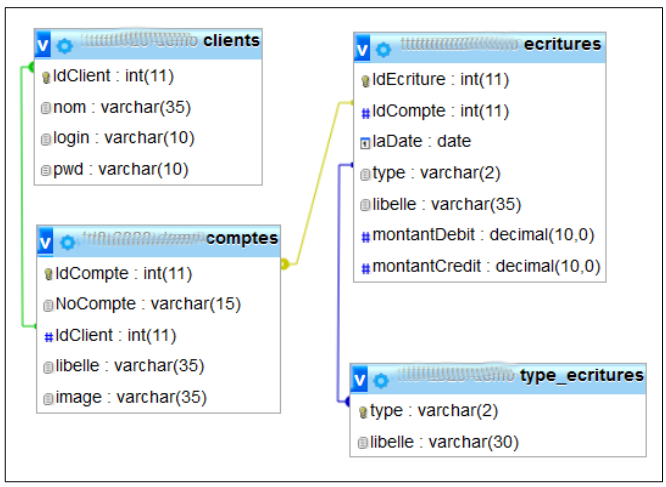
(2)

2 – Modify the **index.php** page that authenticates the client using the 'clients' table in the database, which contains the client login and password. For this exercise, the password stored in the 'clients' table is not encrypted (**Do not do this in a real application**).

3 – Modify the **accounts.php** page to display the list of customer accounts using the '**accounts**' table in the database. The balance displayed for each account must use the '**ecritures**' table to calculate it dynamically (it will be useful to use SQL functions to sum columns so as not to do the calculation on the PHP side). You can use a hidden field for the form that will link to the account details page in order to send it to the account id.

4 – Delete the **account1.php** page and create a new one called **detailAccount.php**, which will display the details of the entries for the account clicked. The database supplied contains entries for all the accounts of all the users. For this step, you will need to use the '**ecritures**' and '**type_ecritures**' tables.

Diagram of the database delivered :



Create an external file **functionsBD.php** if you haven't already done so, containing the scripts used to interact with the database. No instructions relating to the database should be present in the PHP scripts to be created or modified.

For this work, you will use the version with authentication that you created during our last work.

- date("d/m/Y", strtotime($ligne→laDate))
  ('2023-09-01' → 01/09/2023)
- number_format(floatval($montant),2)
  (1000 → 1,000.00)