**How to set up the KangarooBanking Webapp**

1. Install XAMPP (Windows) or MAMP (Mac)
2. Download the KangarooBanking root folder
3. Go to the folder where XAMPP or MAMP is installed
4. Find the folder ‘htdocs’ and place the KangarooBanking root folder there
5. Set up the KangarooBanking database through phpmyadmin
   1. Go to your browser (preferably Google Chrome) and type:
      1. <http://localhost/phpmyadmin> (for Windows users) or
      2. [http://localhost:8888/phpmyadmin](http://localhost/phpmyadmin) (for mac users)
   2. Create an admin user with database-wide privileges:
      1. Locate the ‘User accounts’ tab on the main page
      2. Click the ‘Add user account’ link under the ‘new’ section of the main page
      3. For Username, enter **admin**
      4. For Hostname, select ‘Local’ in the drop-down menu
      5. For the Password enter **admin**, then reenter
      6. Under the ‘Global privileges’ section, check the ‘check all’ checkbox
      7. Press the ‘Go’ button located in the bottom of the page
   3. To set up the tables necessary to run the web app:
      1. Locate the SQL tab on top of the main page
      2. In the ‘Run SQL query/queries on server "localhost":’ field, run the following queries to create the tables for the web app:

CREATE TABLE users (

user\_ssn INT(9) NOT NULL PRIMARY KEY,

user\_first VARCHAR(32) NOT NULL,

user\_last VARCHAR(32) NOT NULL,

user\_email VARCHAR(256) NOT NULL,

user\_uid VARCHAR(32)NOT NULL,

user\_pwd VARCHAR(256) NOT NULL,

user\_street VARCHAR(256) NOT NULL,

user\_city VARCHAR(256) NOT NULL,

user\_state VARCHAR(2) NOT NULL,

user\_zip INT(5) NOT NULL,

user\_phone INT(10) NOT NULL,

user\_dob DATE NOT NULL

);

CREATE TABLE checking\_acct (

user\_ssn INT(9) NOT NULL PRIMARY KEY,

c\_acct\_num INT(8) NOT NULL,

balance DECIMAL(13,2) NOT NULL

);

CREATE TABLE savings\_acct (

user\_ssn INT(9) NOT NULL PRIMARY KEY,

svg\_acct\_num INT(8) NOT NULL,

balance DECIMAL(13,2) NOT NULL

);

* + 1. Insert the test cases into the Checking and Savings account with the following SQL queries:

INSERT INTO checking\_acct (`user\_ssn`, `c\_acct\_num`, `balance`) VALUES (123456789, 88421233, 0);

INSERT INTO checking\_acct (`user\_ssn`, `c\_acct\_num`, `balance`) VALUES (111111111, 88239984, 15003.21);

INSERT INTO checking\_acct (`user\_ssn`, `c\_acct\_num`, `balance`) VALUES (622130993, 88213309, 5002.55);

INSERT INTO savings\_acct (`user\_ssn`, `svg\_acct\_num`, `balance`) VALUES (123456789, 89923221, 1600.21);

INSERT INTO savings\_acct (`user\_ssn`, `svg\_acct\_num`, `balance`) VALUES (111111111, 89110229, 0);

INSERT INTO savings\_acct (`user\_ssn`, `svg\_acct\_num`, `balance`) VALUES (622130993, 89653321, 5002.55);

1. Edit each test case user’s profile through the web app. (i.e. add the user’s address, phone number, etc.)
2. Run the web app via localhost:8888 for MAMP or localhost:8000 for XAMPP.