

# Instruction to run Groupe 1 Dentist Clinic Project

## Summary

Step 1 : Install PostGresSQL, PGAdmin and Xampp

Step 2: Clone the repository inside the Xampp htdocs folder

Step 3: Configuring Xampp

Step 4: Creating the PGSQL database

Step 5: Changing the Connection String

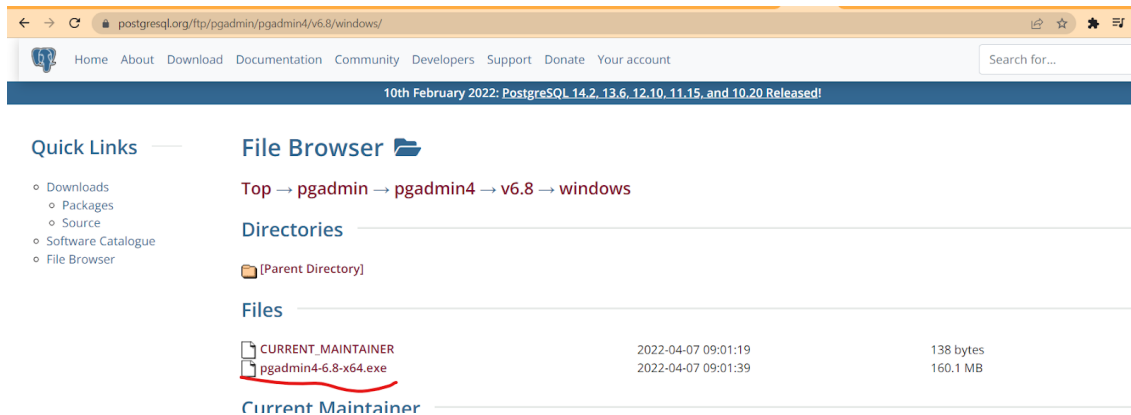
Step 6: Start Apache using Xampp and type  
localhost/[csi2532\\_projet\\_group1](#) in your browser to run the app.

## Note:

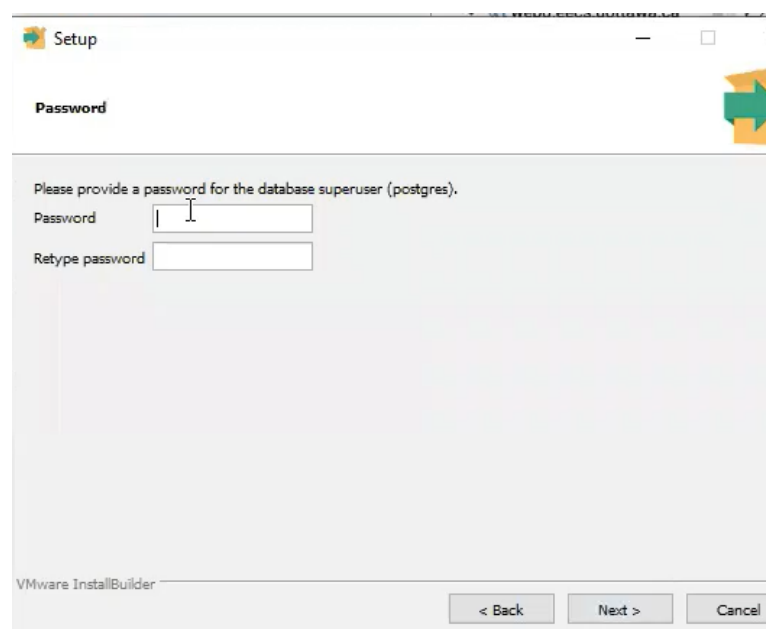
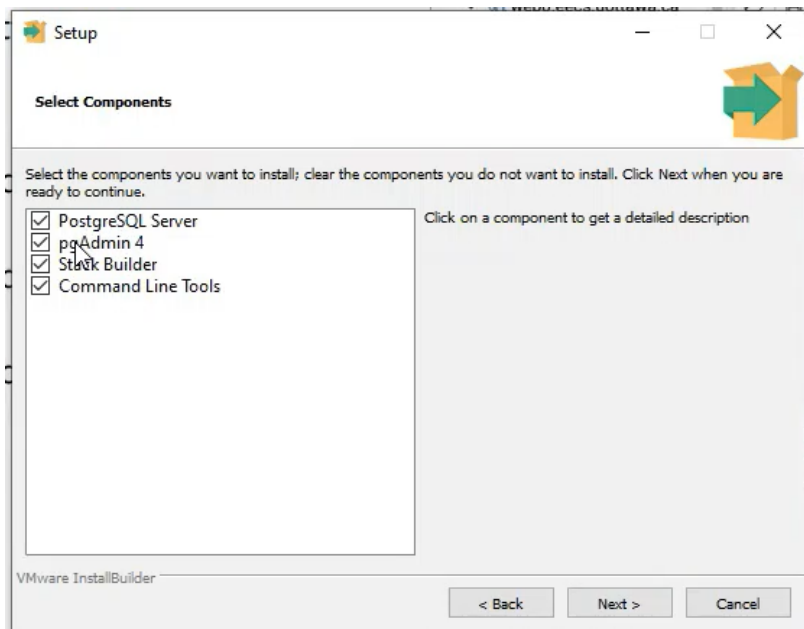
Once you do all the first 5 steps , you won't have to do them every time you launch the app. When the initial setup is complete, from then on you can simply launch the app with step 6.

1. In order to run our application project locally , you need pgadmin , PostgreSQL and xamp all installed on your machine

1.1 You can download pgadmin here: <https://www.pgadmin.org/download/>. Simply choose your operating system and click the .exe file to download it . Once it's downloaded click on the .exe file and follow the wizard for an easy installation.



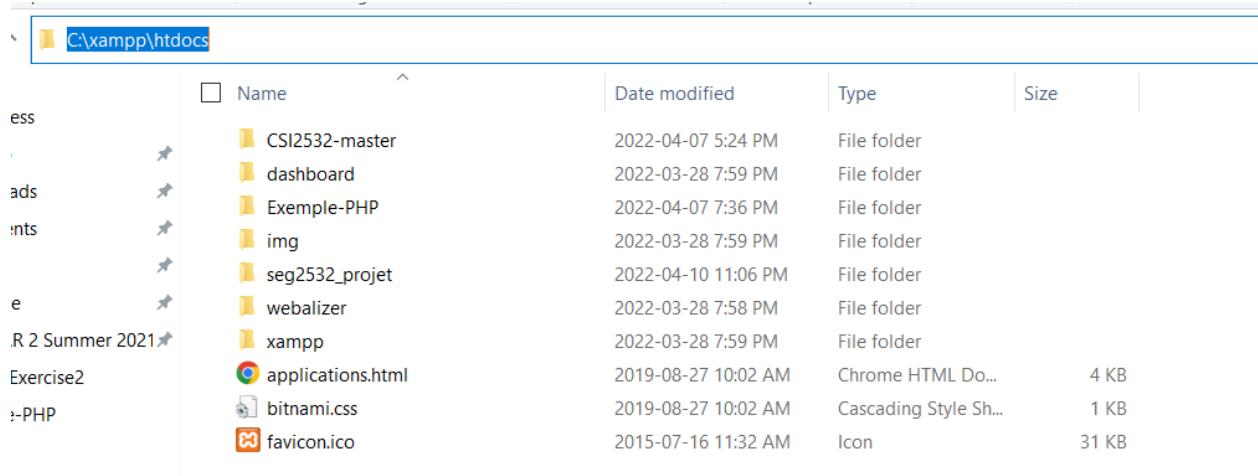
1.2 You can download PostgreSQL here by choosing the appropriate OS: <https://www.enterprisedb.com/downloads/postgres-postgresql-downloads>  
When the .exe file is downloaded , click on it and fill out the wizard. KEEP NOTE OF THE PASSWORD YOU WILL BE USING FOR POSTGRES.



1.3 You can download xampp for your OS: <https://www.apachefriends.org/download.html>

## 2. Clone the repository inside the Xampp htdocs folder

2.1 Locate the htdocs folder on your computer (you can search for it if needed).

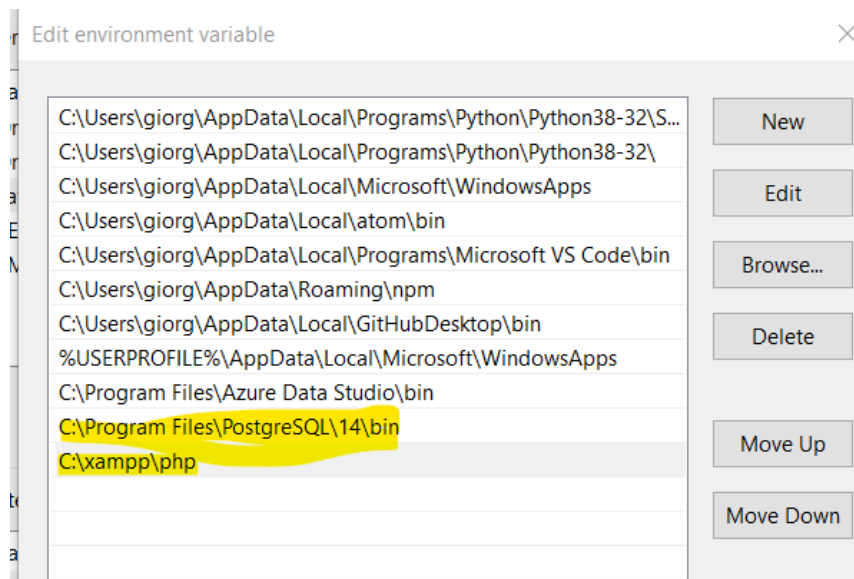


2.2 - Clone the repository containing our applications code inside that folder .

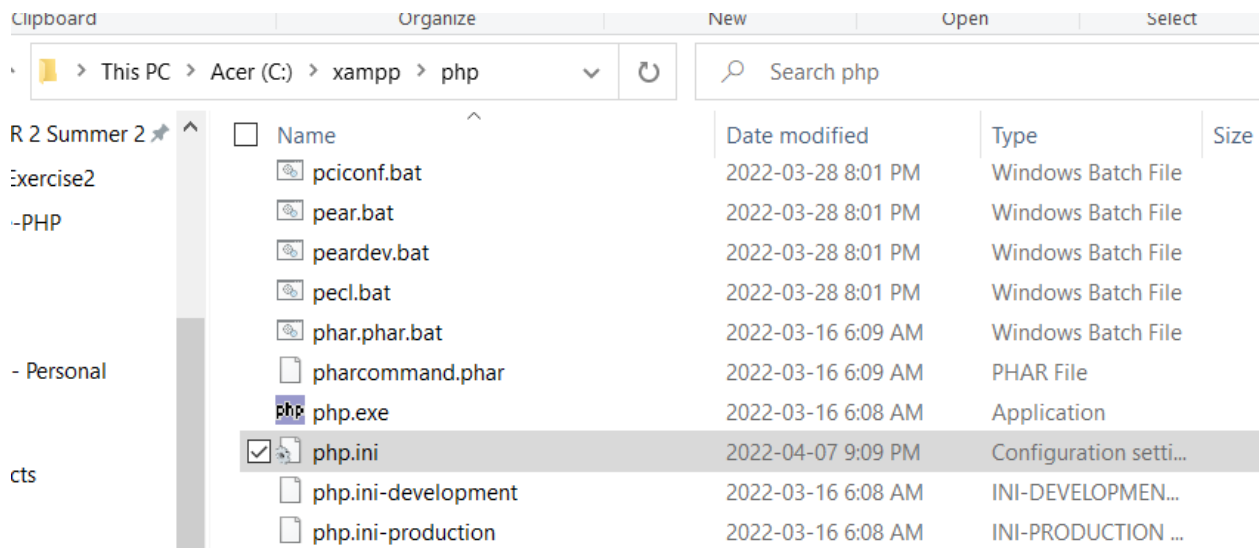
Command: `git clone https://github.com/Gio6113/csi2532\_projet\_group1.git`

## 3: Configuring Xampp

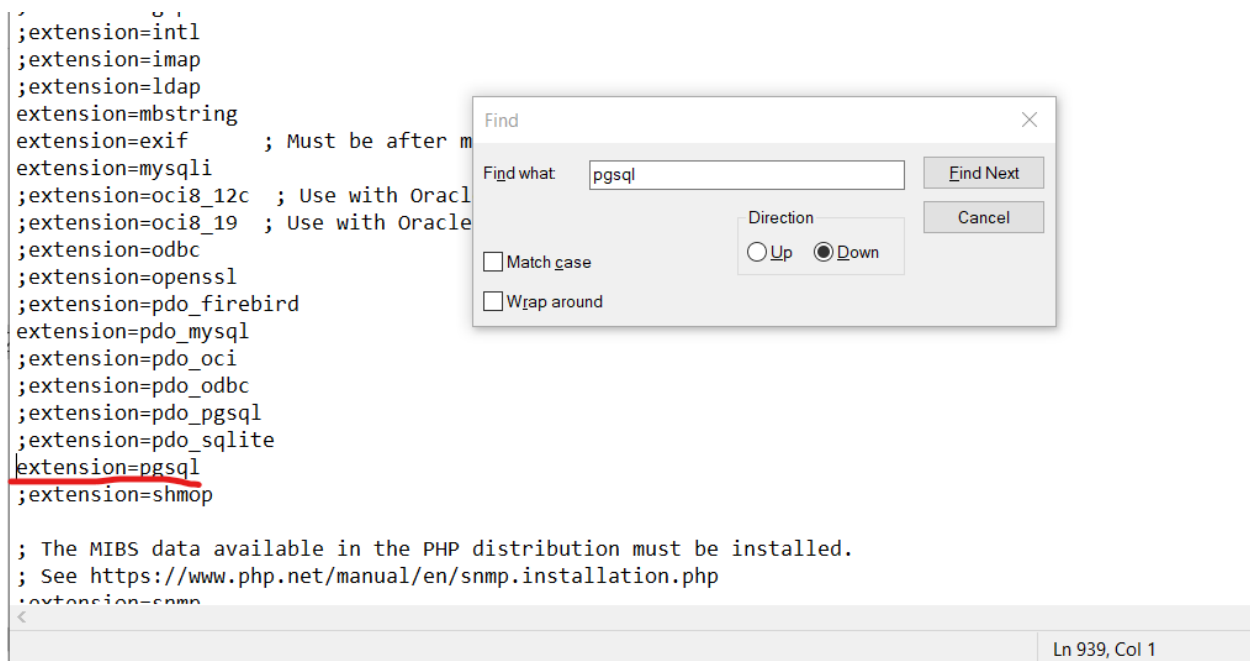
3.1 - Add PHP to your PATH environment . It is a good time to also check that PostGreSQL is also there.



3.2 - Go to C:\xampp\php or wherever the xampp folder is located on your machine followed by the php folder inside it . Open the php.ini file located there.

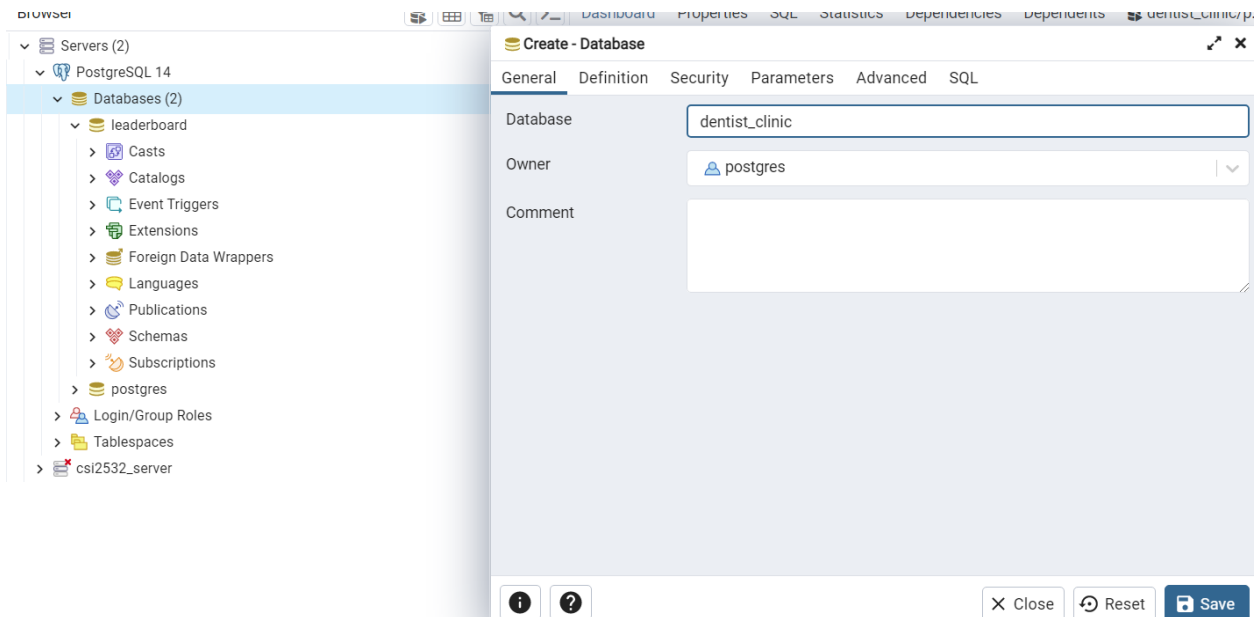


3.3 - From there we need to uncomment the pgsql extension. To do so search the file to find the line and remove the semi-colon before the extension=pgsql. Save and close the file.

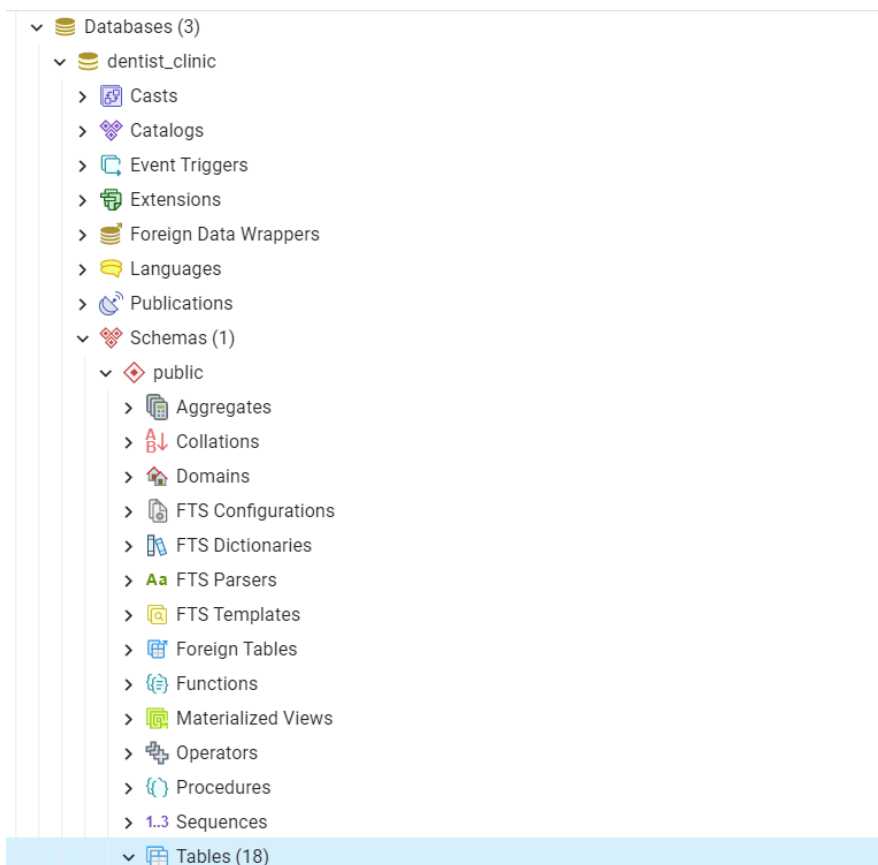


## 4. Creating the PGSQL database

### 4.1 Open PG Admin and make a new database called dentist\_clinic.



### 4.2 Run the file called CreateDB/CreateDatabase.sql. You can copy and run it in pgadmin or use the shell. This will create 18 tables with data into our new database.



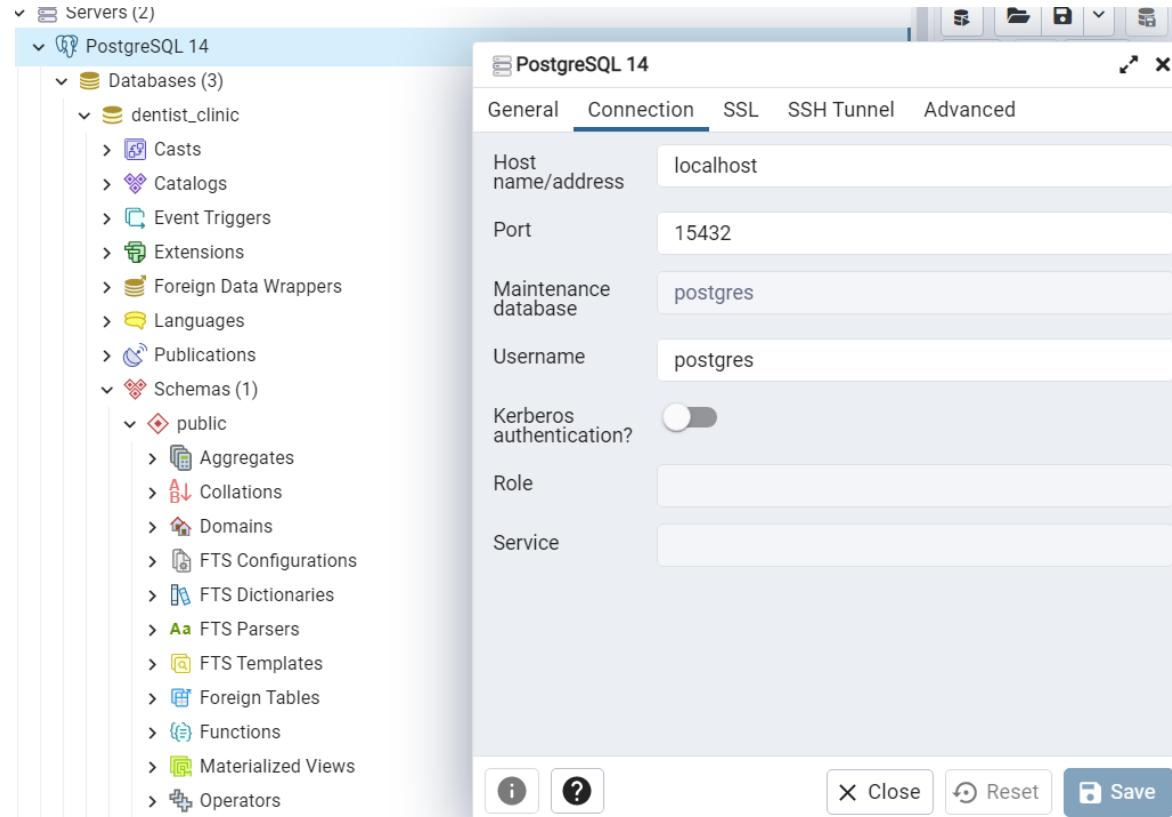
## 5. Changing the connection string.

Back inside the code repository , locate the file called connection\_string.php and open it. Make sure (host, port, dbname, user, password) matches all the information you have when you right click on PostgreSQL and look at the connection tab.

Here our postgres password was admin but you would have to change that or if you would like you can change your postgres password.

```
<?php
    session_start();
    $host = "host=localhost";
    $port = "port=15432";
    $dbname = "dbname=dentist_clinic";
    $credentials = "user=postgres password=admin";

    $conn = pg_connect("$host $port $dbname $credentials");
    if (! $conn) {
        echo "Error : Connection to database unsuccessful\n";
    }
?>
```



The screenshot shows the PostgreSQL 14 connection configuration window. The 'Connection' tab is active, displaying the following fields:

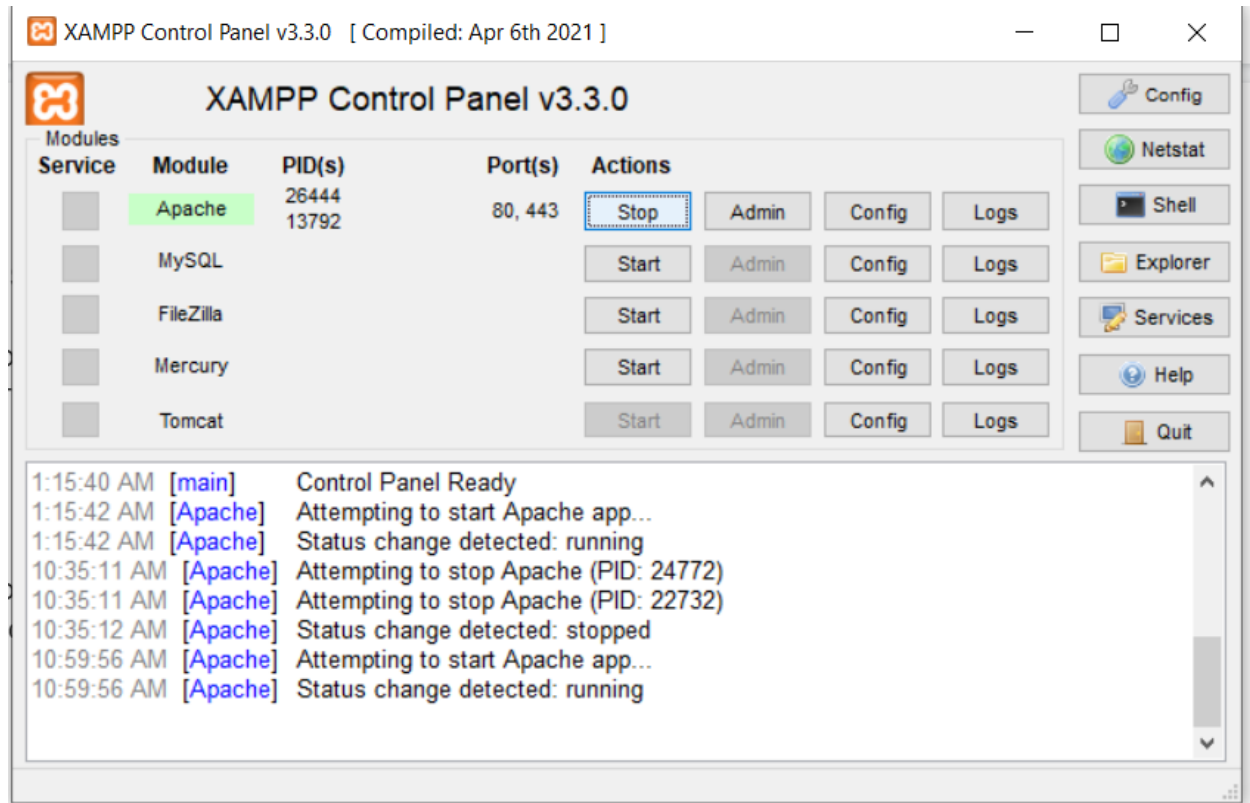
- Host name/address: localhost
- Port: 15432
- Maintenance database: postgres
- Username: postgres
- Kerberos authentication?: ☐
- Role: (empty field)
- Service: (empty field)

The left sidebar shows the database structure:

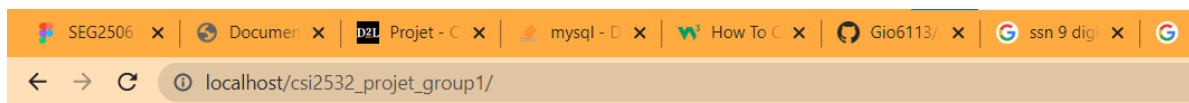
- PostgreSQL 14
  - Databases (3)
    - dentist\_clinic
      - Casts
      - Catalogs
      - Event Triggers
      - Extensions
      - Foreign Data Wrappers
      - Languages
      - Publications
      - Schemas (1)
        - public
          - Aggregates
          - Collations
          - Domains
          - FTS Configurations
          - FTS Dictionaries
          - FTS Parsers
          - FTS Templates
          - Foreign Tables
          - Functions
          - Materialized Views
          - Operators

## 6. Start Apache and load the app.

Now it is time to launch the application. Open Xampp Control Panel and click on Start for Apache.



Now open any browser and type localhost/csi2532\_projct\_group1 in the top bar to access and use the app.



## Login

Username:

Password:

Don't have an account? [Create one here to join Canada's best dentist clinic system](#)