Install the Axios library

First of all, we have to install the Axios library. It is used to make requests to an API and return data from the API. So open the CMD inside the project folder and run the below code.

**npm install axios --save**

After the successfully installing Axios library import Axios in the signup.js like below.

import axios from 'axios';

Then type the below code inside the submit function in the signup.js file. And we have to create a folder named “reactProject” inside the XAMPP server “htdocs” folder.

**axios.post('http://localhost/reactProject/insert.php',obj)**

**.then(res=> console.log(res.data))**

**.catch(error => {**

**console.log(error.response)**

**});**

After that submit function should be like below. Here I used the if condition to check if the password matches the confirmed password.

**onSubmit(e){**

**e.preventDefault();**

**if(this.state.password===this.state.passwordConform){**

**const obj ={**

**name:this.state.name,**

**email:this.state.email,**

**phone:this.state.phone,**

**password:this.state.password,**

**passwordConform:this.state.passwordConform,**

**};**

**axios.post('http://localhost/reactProject/insert.php',obj)**

**.then(res=> console.log(res.data))**

**.catch(error => {**

**console.log(error.response)**

**});**

**//To clear text box values**

**this.setState({**

**name: '',**

**email:'',**

**phone:'',**

**password:'',**

**passwordConform:'',**

**})**

**}**

**else{**

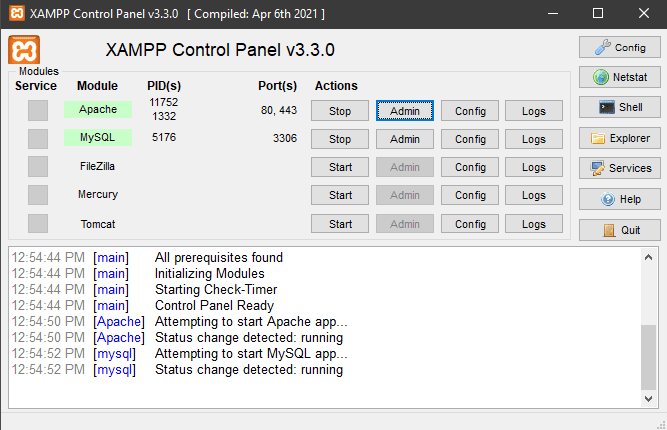
**alert("Password mismatch")**

**}**

**}**

## Create MySQL database

Now open the XAMPP and start Apache and MySQL. Then you can see the XAMPP control panel like below.



Now create a database named “**reactjsUsers**“.

Then create a table named “users”. Here we need five columns to store id, name, email, phone, and password.

Now give column names and data types like below. Here we have to set “sid” as Primary Key and Autoincrement.

After that, you can see the table below.

Graphical user interface

Description automatically generated with medium confidence

Implement the PHP REST API

Now go to the path “**C:\xampp\htdocs**” and create a new folder named “**reactProject**“. Then inside the “**reactProject**” folder, create a file named “**connect.php”**. That is used to connect the database. After that, open the “connect.php” file using any code editor and type the below code. Here you can change the username, password, and database name according to your project.

**<?php**

**$servername = "localhost";**

**$username = "root";**

**$password = "";**

**$database= "reactjsusers";**

**// Create connection**

**$db = mysqli\_connect($servername, $username, $password, $database);**

**// Check connection**

**if ($db->connect\_error) {**

**die("Connection failed: " . $db->connect\_error);**

**}**

**echo "Connected successfully";**

**?>**

Then create another PHP file named “insert.php” and type the below code.

**<?php**

**require 'connect.php';**

**header("Access-Control-Allow-Origin:** [**http://localhost:3000**](http://localhost:3000/)**");**

**header('Access-Control-Allow-Methods: GET, POST, OPTIONS');**

**header("Access-Control-Allow-Headers: Content-Type, Authorization");**

**$postdata = file\_get\_contents("php://input");**

**if(isset($postdata) && !empty($postdata)){**

**$request = json\_decode($postdata);**

**$name = $request->name;**

**$email = $request->email;**

**$phone = $request->phone;**

**$password = $request->password;**

**$sql = "INSERT INTO users (name,email,phone,password) VALUES ('$name','$email','$phone','$password')";**

**if(mysqli\_query($db,$sql)){**

**http\_response\_code(201);**

**}**

**else{**

**http\_response\_code(422);**

**}**

**}**

**?>**

Then run the project, enter the sample data and submit. You can see the message “**Connected successfully**” in the console log.

Now open the PHPMyAdmin and see the result. You can see, data is successfully added to the database.

References:

<https://www.youtube.com/watch?v=nmCeSPGcBnY>

<https://medium.com/@ashfaaqahamed17/creating-signup-and-login-system-using-react-native-php-and-mysql-f176a1de2c73>