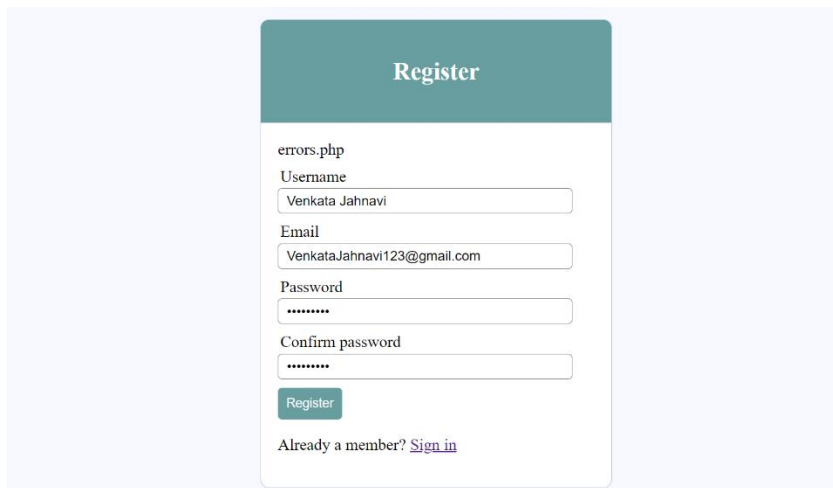
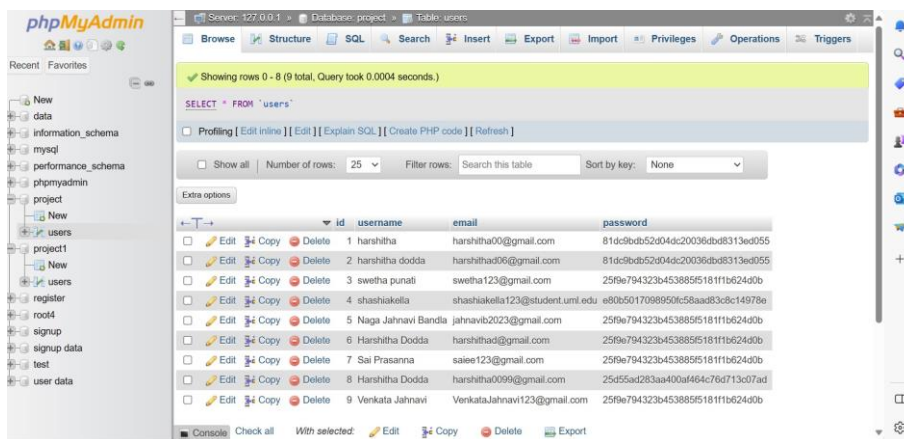


## Report

In this lab (2023-11-27), we are asked to make few more updates for the previous lab activity. The main goal of this lab is to implement PWA (Progressive Web Application). In the last lab, I created a webpage in which users can access the website by either signup/signin. The user must sign-in to sign up. After signing in, user will be able to provide some other facts about them. I also managed to store the data in data base my using xamp. All the screenshots of data storage are provided. For this lab to create PWA, I have added manifest.php code to make my website Progressive Web Application.



A screenshot of a web form titled "Register". The form has a teal header with the word "Register" in white. Below the header, there are four input fields: "Username" (containing "Venkata Jahnavi"), "Email" (containing "VenkataJahnavi123@gmail.com"), "Password" (containing "\*\*\*\*\*"), and "Confirm password" (containing "\*\*\*\*\*"). Below these fields is a teal "Register" button. At the bottom, there is a link that says "Already a member? [Sign in](#)".



A screenshot of the phpMyAdmin interface showing the 'users' table. The table has 9 rows and 4 columns: id, username, email, and password. The data is as follows:

id	username	email	password
1	harshitha	harshitha00@gmail.com	81dc9bdb52d04dc20036dbd8313ed055
2	harshitha dodda	harshithad06@gmail.com	81dc9bdb52d04dc20036dbd8313ed055
3	swetha punati	swetha123@gmail.com	2596e794323b453885f51811b624d0b
4	shaahakella	shaahakella123@student.umt.edu	e80b6017098950f558aad83c8c14978e
5	Naga Jahnavi Bandla	jahnavi2023@gmail.com	2596e794323b453885f51811b624d0b
6	Harshitha Dodda	harshithad@gmail.com	2596e794323b453885f51811b624d0b
7	Sai Prasanna	sailee123@gmail.com	2596e794323b453885f51811b624d0b
8	Harshitha Dodda	harshitha0099@gmail.com	25d55ad283aa400a4a464c76d713cd7ad
9	Venkata Jahnavi	Venkata.Jahnavi123@gmail.com	2596e794323b453885f51811b624d0b

You are now logged in

Welcome **Venkata Jahnvi**

Local Language:

Currency:

Favorite Food:

City:

Weather of the  
City:

Submit Answers

[Logout](#)

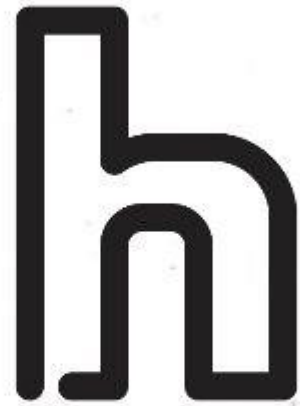
This is my manifest.php code to make my application Progressive Web Application.

```
<?php
header('Content-Type: application/json');

$manifest = [
    "name" => "Lab Activity",
    "short_name" => "Lab",
    "description" => "Will allow user to open signup and then signin to the
page",
    "start_url" => "/index.php",
    "display" => "standalone",
    "background_color" => "#ffffff",
    "theme_color" => "#000000",
    "icons" => [
        [
            "src" => "C:\xampp\htdocs\Project1\image.jpg",
            "sizes" => "192x192",
            "type" => "image/jpg"
        ]
    ]
];

echo json_encode($manifest, JSON_PRETTY_PRINT);
```

This is the image used as the icon of the app:



All the remaining codes are placed in the zipfile and also can be found in the github as well.