Jake M. Napay
napayjakem@gmail.com

Questions:
1. **How you implemented authentication and session handling.**

    I implemented authentication by creating login, logout, registration, and user-management features, securing routes with CodeIgniter filters for improved page access control. In session handling, you validate users carefully before storing only essential data in sessions to protect private information.

2. **How the login/logout history is stored and displayed.**

    Store:
    First, in log in after the user logged its credentials and passed all validations, when the process comes at the part where the user data is going to store in a session, I implement another session variable in which store the **time in** and **ip address** of the user who logged in.

    Second, in log out after the user clicked the log out, the session will turn on and it will assign and store another necessary variable for the **time out**. After storing the timeout value and store, the next process will be uploading or inserting the data into the database table called **login_history** which consists of the user's id, time in, time out, and the ip address.

    When the insertion succeeds, it will now destroy the sessions and redirect the user back to the login page.

    Display:

    In my UserController file, I fetch all the users history, but with a conditional statement. As I mentioned in my answer at number 1, by using codeigniter's **filter**, I easily manage and fetch the users history with the **role-based access control** in which admins can see the entire users history, while each user can see their own history.

3. **Any challenges faced and how you overcame them.**

    I faced challenges in the part of using the **filter** feature, and the **routing**, which gave me a hard time debugging the application. It causes me confusion with the error messages because it's new to me and I didn't know what to look up because of so many files.

Screenshots:

Sign in

Welcome to Jake's User Management System

The website consists of user profiles, tables, login, registration, and logout. Trully created with CodeIgniter4

Don't have an account **Register here**

🏠 Sign in

Email address

Password

☐ Remember me

Log in

Profile

✎ User Profile

Welcome to your profile page, **Jake!**
Feel free to edit your profile here

Back to **home**
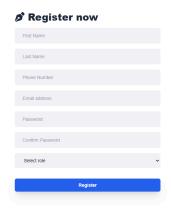
Profile Information

First Name:

Jake

Last Name:

Napay

Phone:

09453347158

Email:

napayjakem@gmail.com

Role:

Admin

Status:

Active

Edit

Or

Change Password

Register

Register now

First Name

Last Name

Phone Number

Email address

Password

Confirm Password

Select role

Register

Welcome to Jake's User Management System
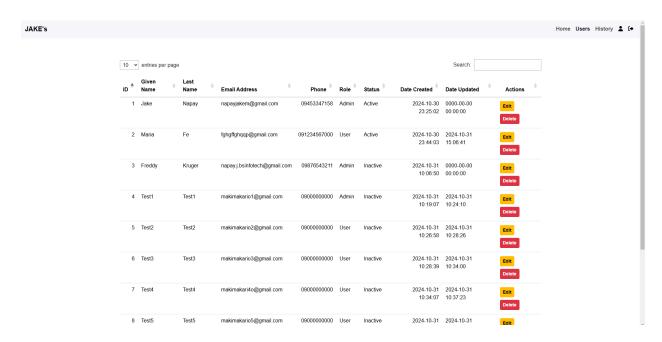
The website consists of user profiles, tables, login, registration, and logout. Truly created with CodeIgniter4
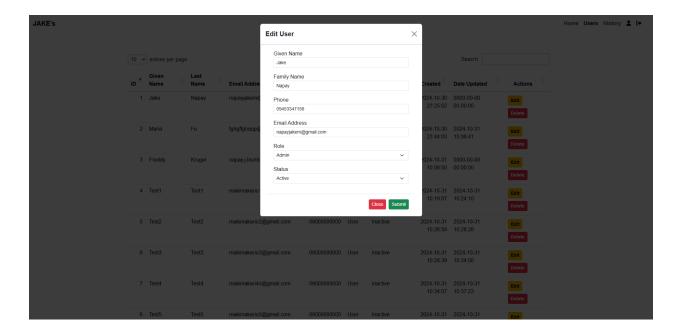
Already have an account? Log in here

Users (admin)

10 entries per page

Search:

ID	Given Name	Last Name	Email Address	Phone	Role	Status	Date Created	Date Updated	Actions
1	Jake	Napay	napayjakem@gmail.com	09453347158	Admin	Active	2024-10-30 23:25:02	0000-00-00 00:00:00	Edit Delete
2	Maria	Fe	fghgffghqqp@gmail.com	091234567000	User	Active	2024-10-30 23:44:03	2024-10-31 15:06:41	Edit Delete
3	Freddy	Kruger	napay.j.bsinfotech@gmail.com	09876543211	Admin	Inactive	2024-10-31 10:06:50	0000-00-00 00:00:00	Edit Delete
4	Test1	Test1	makimakario1@gmail.com	09000000000	Admin	Inactive	2024-10-31 10:19:07	2024-10-31 10:24:10	Edit Delete
5	Test2	Test2	makimakario2@gmail.com	09000000000	User	Inactive	2024-10-31 10:26:58	2024-10-31 10:28:26	Edit Delete
6	Test3	Test3	makimakario3@gmail.com	09000000000	User	Inactive	2024-10-31 10:28:39	2024-10-31 10:34:00	Edit Delete
7	Test4	Test4	makimakari4o@gmail.com	09000000000	User	Inactive	2024-10-31 10:34:07	2024-10-31 10:37:23	Edit Delete
8	Test5	Test5	makimakario5@gmail.com	09000000000	User	Inactive	2024-10-31	2024-10-31	Edit

Users (admin)

10 ▼ entries per page   Search: [   ]

ID	Given Name	Last Name	Email Addre			Created	Date Updated	Actions
1	Jake	Napay	napayjakem@			2024-10-30 23:25:02	0000-00-00 00:00:00	Edit / Delete
2	Maria	Fe	fghgflghqqp@			2024-10-30 23:44:03	2024-10-31 15:06:41	Edit / Delete
3	Freddy	Kruger	napay.j.bsinfo			2024-10-31 10:06:50	0000-00-00 00:00:00	Edit / Delete
4	Test1	Test1	makimakario1			2024-10-31 10:19:07	2024-10-31 10:24:10	Edit / Delete
5	Test2	Test2	makimakario2@gmail.com	09000000000	User	Inactive	2024-10-31 10:26:58	2024-10-31 10:28:26	Edit / Delete
6	Test3	Test3	makimakario3@gmail.com	09000000000	User	Inactive	2024-10-31 10:28:39	2024-10-31 10:34:00	Edit / Delete
7	Test4	Test4	makimakari4o@gmail.com	09000000000	User	Inactive	2024-10-31 10:34:07	2024-10-31 10:37:23	Edit / Delete
8	Test5	Test5	makimakario5@gmail.com	09000000000	User	Inactive	2024-10-31	2024-10-31	Edit

Edit User ✕

Given Name
[Jake]

Family Name
[Napay]

Phone
[09453347158]

Email Address
[napayjakem@gmail.com]

Role
[Admin ▼]

Status
[Active ▼]

[Close] [Submit]

History (users)

10 ▼ entries per page   Search: [   ]

Fulll Name	Time In	Time Out	IP Address
Maria Fe	2024-10-31 08:22:28	2024-10-31 08:27:47	120.28.65.97
Maria Fe	2024-10-31 08:27:55	2024-10-31 09:04:04	120.28.65.97
Maria Fe	2024-10-31 09:04:13	2024-10-31 09:11:14	120.28.65.97
Maria Fe	2024-10-31 09:12:56	2024-10-31 09:29:15	120.28.65.97
Maria Fe	2024-10-31 09:29:24	2024-10-31 09:29:36	120.28.65.97
Maria Fe	2024-10-31 09:29:41	2024-10-31 09:33:23	120.28.65.97
Maria Fe	2024-10-31 14:42:34	2024-10-31 15:07:46	120.28.65.97
Maria Fe	2024-10-31 15:07:53	2024-10-31 15:11:54	120.28.65.97

Showing 1 to 8 of 8 entries   « ‹ 1 › »

History (admin)

10 ⌄	entries per page			Search:

ID ↕	Fulll Name ↕	Time In ↕	Time Out ↕	IP Address ↕
1	Jake Napay	2024-10-31 08:20:36	2024-10-31 08:21:45	120.28.65.97
2	Maria Fe	2024-10-31 08:22:28	2024-10-31 08:27:47	120.28.65.97
3	Maria Fe	2024-10-31 08:27:55	2024-10-31 09:04:04	120.28.65.97
4	Maria Fe	2024-10-31 09:04:13	2024-10-31 09:11:14	120.28.65.97
5	Jake Napay	2024-10-31 09:11:21	2024-10-31 09:12:46	120.28.65.97
6	Maria Fe	2024-10-31 09:12:56	2024-10-31 09:29:15	120.28.65.97
7	Maria Fe	2024-10-31 09:29:24	2024-10-31 09:29:36	120.28.65.97
8	Maria Fe	2024-10-31 09:29:41	2024-10-31 09:33:23	120.28.65.97
9	Darius Draven	2024-10-31 10:47:04	2024-10-31 10:47:22	120.28.65.97
10	Jake Napay	2024-10-31 10:47:32	2024-10-31 10:52:00	120.28.65.97

Showing 1 to 10 of 14 entries   « ‹ **1** 2 › »

Home

Overview

Welcome to Jake's User Management System! This platform is designed to make user management straightforward and efficient. From handling user sessions to managing passwords and tracking history, our system is your solution for effective user administration.

Features

1. Login
Securely log in to access personalized features and manage user data.

2. Registration
New users can register, providing necessary details to access the system.

3. Logout
Safely end your session at any time with a single click.

4. User Handling
Manage user details, roles, and permissions with ease.

5. Session Management
Track active sessions to ensure user security and data integrity.

6. History Page
View your activity history and track important changes.

7. Change Password
Change your password conveniently if you need it.

8. Email Sending

Change Password

Email Sending