DOCUMENTATION
Jay Boy Oyanib

Submit a brief report explaining:

- **How you implemented authentication and session handling.**
    1. **This is my Registration form**

    2. **This is my registration form with a authentication of password if it is the same on the first field of password**

3. **Then if the users has a successful registration a verification link will sent to their email and its required to verify before they can login their account on the login page**

Registration Form

Registration successful! A verification email has been sent to your email address.

Username

Firstname

Last Name

Email address

Phone

Password

Confirm Password

Register

or login with

login here

BE A MEMBER OF
JB BLOG SYSTEM

4. **Trying to login the unverified account**

LOGIN FIRST

Please check your email to verify your account before logging in.

Email address
jboyanib102199@gmail.com

Password
••••••

Login

or login with

Sign up here

WELCOME TO
JB BLOG SYSTEM

5. **The data is successfully stored in database with a password_hash() functionality and also a verify_status = unverified**

	user_id	username	firstname	lastname	phone	email	password	verify_status
☐ 🖉 Edit 🗎 Copy ⊖ Delete	1	jboyanib15	Jay Boy	Oyanib	09513324573	jboyanib102199@gmail.com	$2y$10$fH8FO.lgZvTE25mAjMDMlevw/NUsPayyTclxfoyguj/...	unverified

↑ ☐ Check all With selected: 🖉 Edit 🗎 Copy ⊖ Delete 🖹 Export

☐ Show all | Number of rows: 25 ▾ Filter rows: Search this table

Query results operations

🖨 Print 🗎 Copy to clipboard 🖹 Export 📊 Display chart 🗐 Create view

6. **Verification Link is successfully send to my email**

← 🗎 ⊘ 🗑 ✉ 🗂 ⋮

Verification Link Inbox ×

Jb Oyanib <jboyanib102199@gmail.com>
to me ▾

This is a test Email for verification link Click here to verify your email

↩ Reply   → Forward   ☺
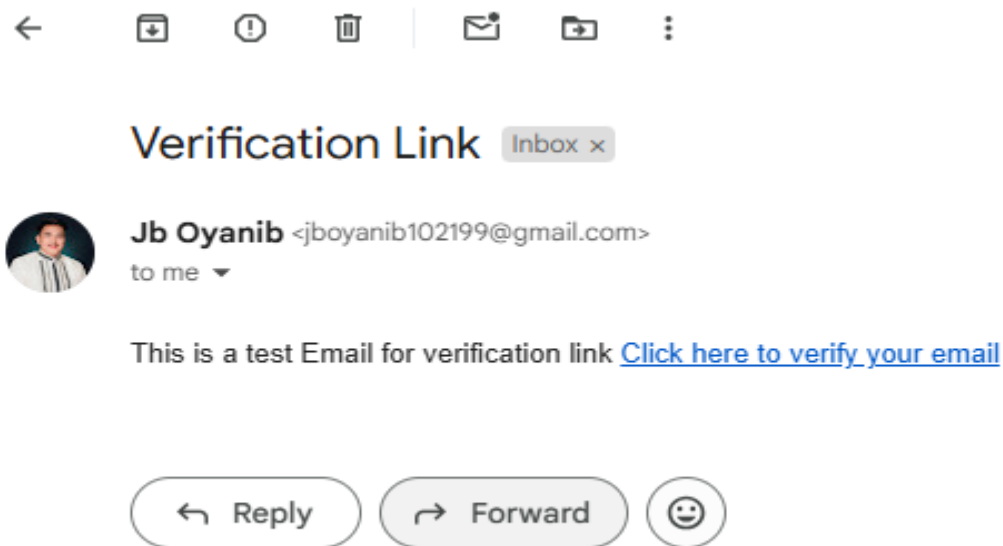
7. **After clicking the verification link it redirects to the login page with a validation that you are verified and able to login the account**

LOGIN FIRST

You are now verified! Kindly log in to your account.

Email address

Password

Login

or login with

Sign up here

WELCOME TO
JB BLOG SYSTEM

8. **This is the Landing page if the session is start and user has a successful login**

JB BLOG SYSTEM   Home   👤 ▾

Search   Search

Welcome back, jboyanib15!

You are now successfully Login

JB BLOG SYSTEM   Home   👤 ▾
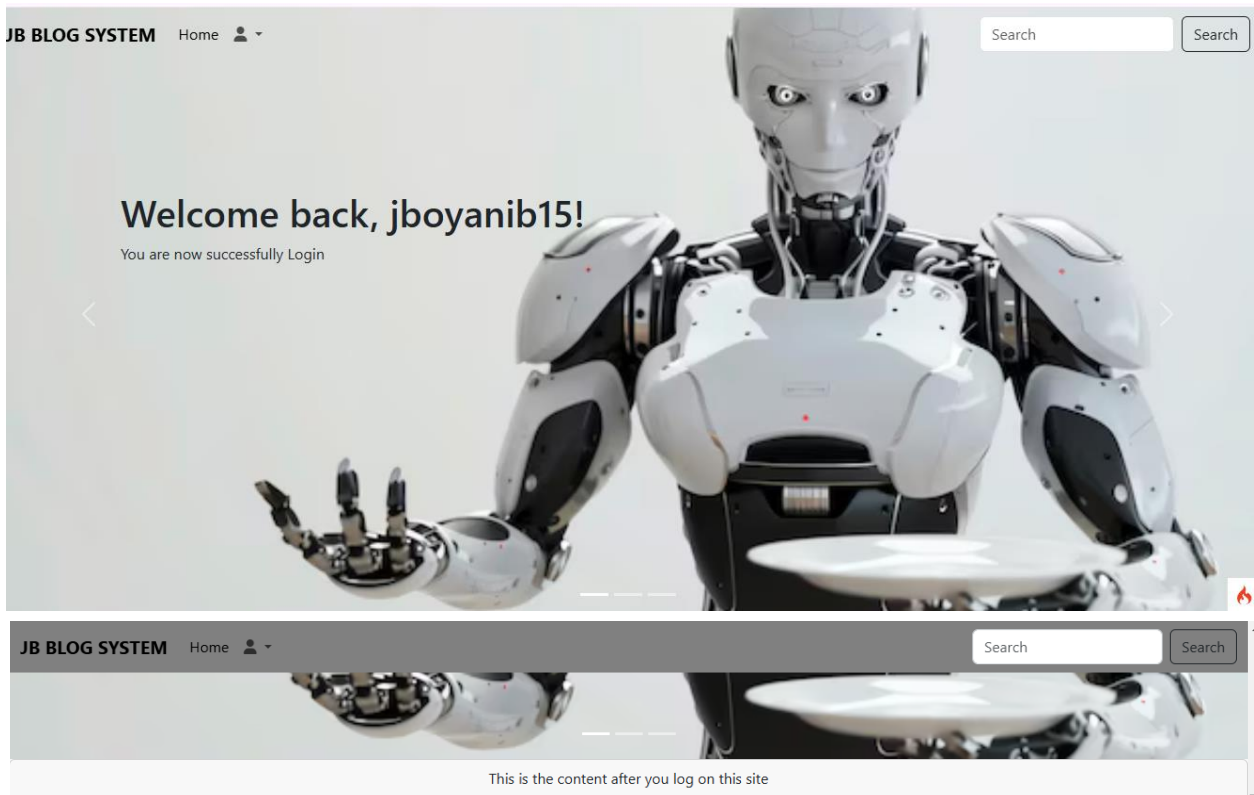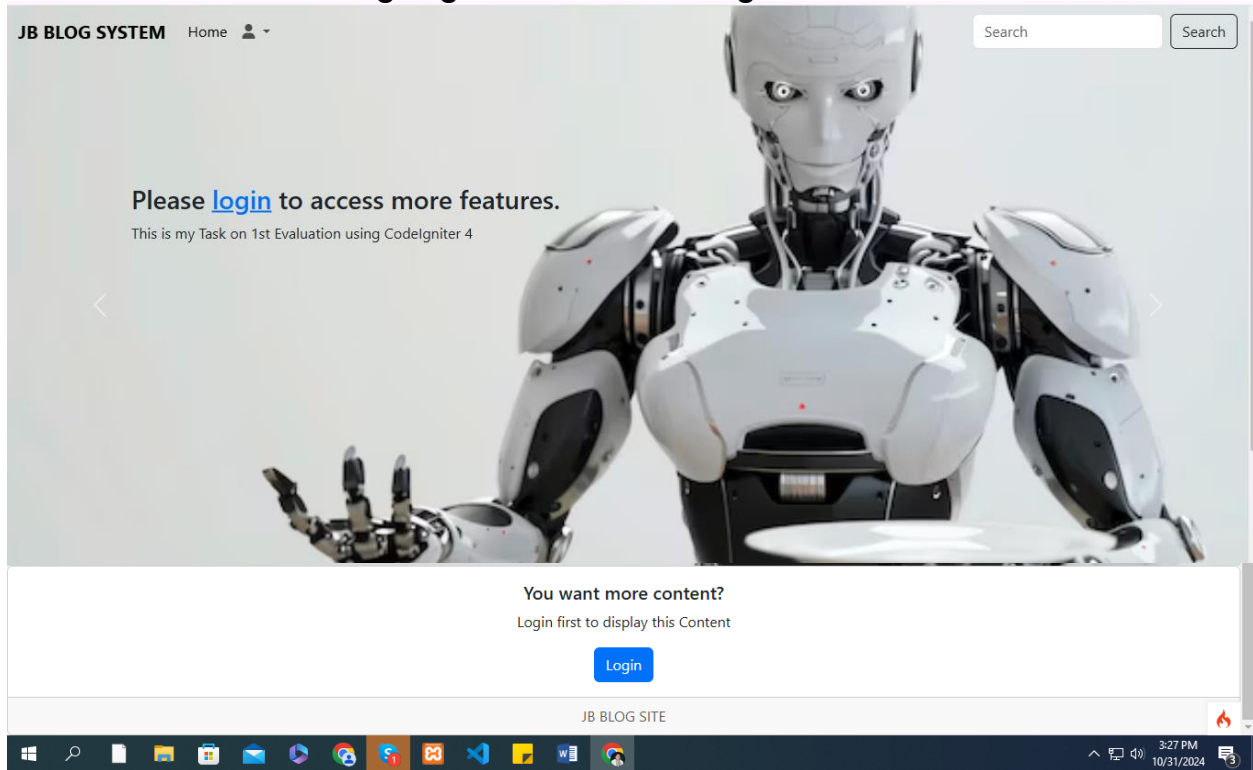
Search   Search

This is the content after you log on this site

Blog About Artificial Intelligence

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum. Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum. Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum. Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum. Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and
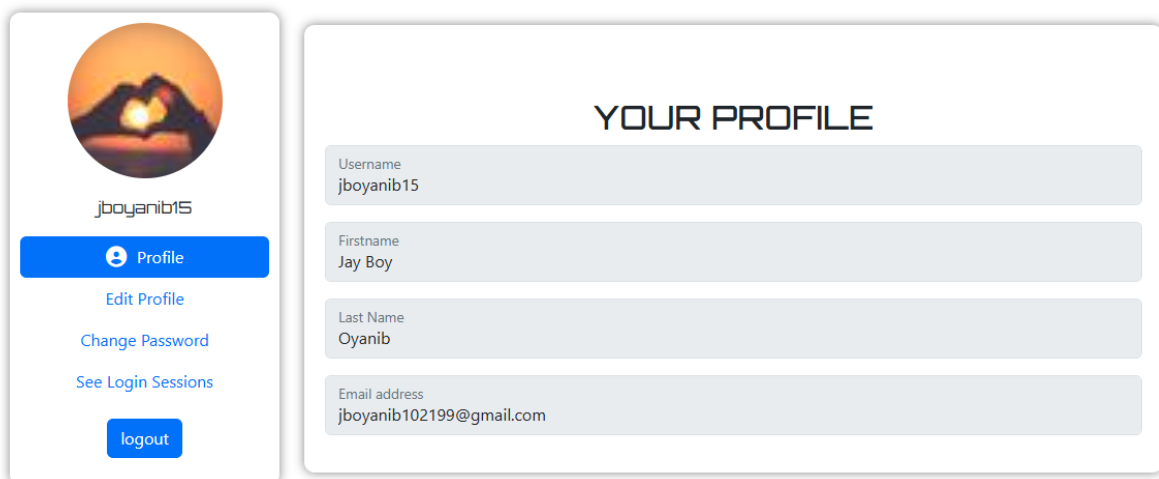
9. **this is the Landing Page if the user is not login or the session is not started**

Profile section
1. **This is the user profile section**

2. **This is the Update Profile on this part user can update or change their profile by simply filling up the fields they want to edit and click the update profile button**

3. **This is the Change PASSWORD Section. User can change their password by giving the current password and if it is not the same on the current password it will get an error message**

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

1. **This is the Login Session user can view the history of their login and logout session**

YOUR LOGIN SESSIONS

Login Date and Time	Logout Date and Time	IP Address
2024-10-31 03:37:23	2024-10-31 03:38:29	::1
2024-10-31 03:40:43	0000-00-00 00:00:00	::1
2024-10-31 04:00:26	0000-00-00 00:00:00	::1
2024-10-31 04:18:27	0000-00-00 00:00:00	::1
0000-00-00 00:00:00	0000-00-00 00:00:00	
2024-10-31 04:54:53	0000-00-00 00:00:00	::1
0000-00-00 00:00:00	0000-00-00 00:00:00	
2024-10-31 12:58:11	2024-10-31 13:01:56	::1

jboyanib15

👤 Profile

Edit Profile

Change Password

See Login Sessions

logout

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

The Challenge for me is to understand the Code igniter 4 Framework and the MVC Framework but by the help of documentaion of codeigniter I simply follow the instructions on the documents and study first how MVC's work and now I finally realize the basics and appreciate the flow of the system if I used a framework.