#### Security & Development Standards

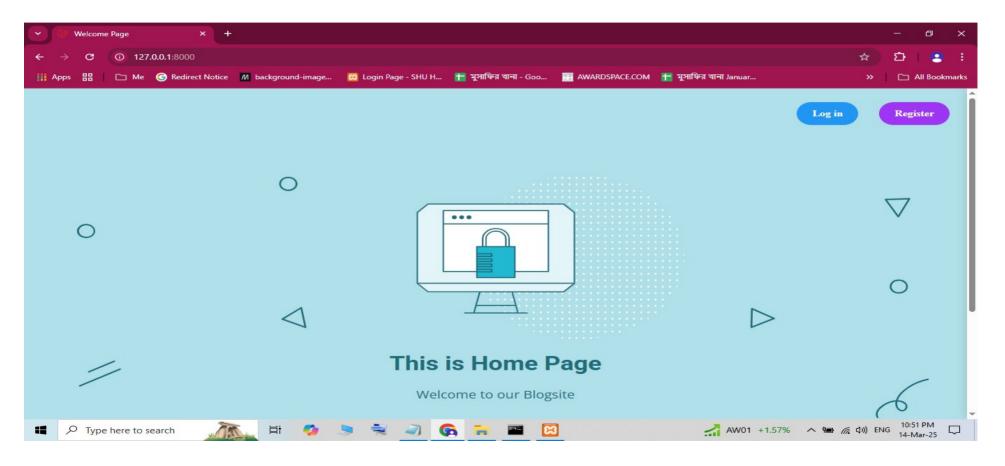
Assignment: 17

Submitted by Asaduzzaman khan(15)

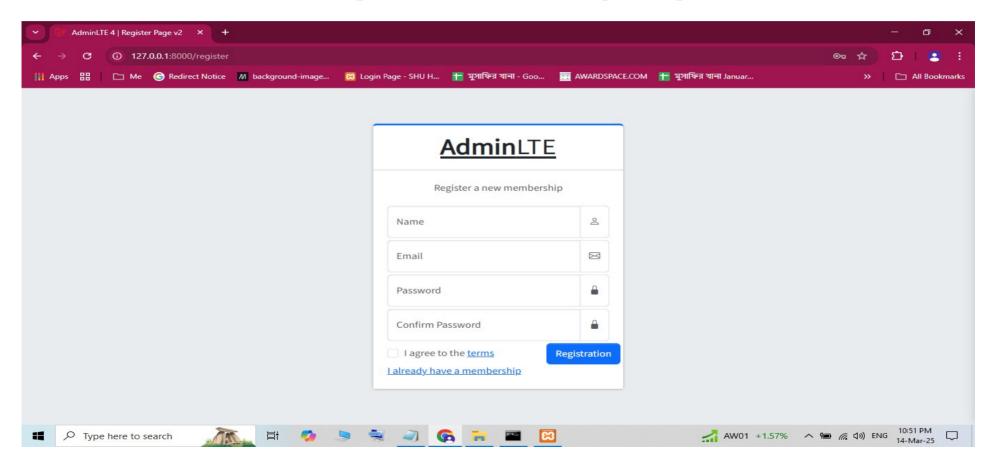
## Objectives

- We have implemented a blog site and secured it against OWASP Top 10 vulnerabilities.
- What we have do for our system:
- Authentication & Password Hashing
- Prevent SQL Injection (Eloquent ORM)
- Prevent XSS (htmlspecialchars())
- Prevent CSRF (@csrf)
- Restrict Access (Middleware & Policies)
- Use UUIDs Instead of IDs (Str::uuid())

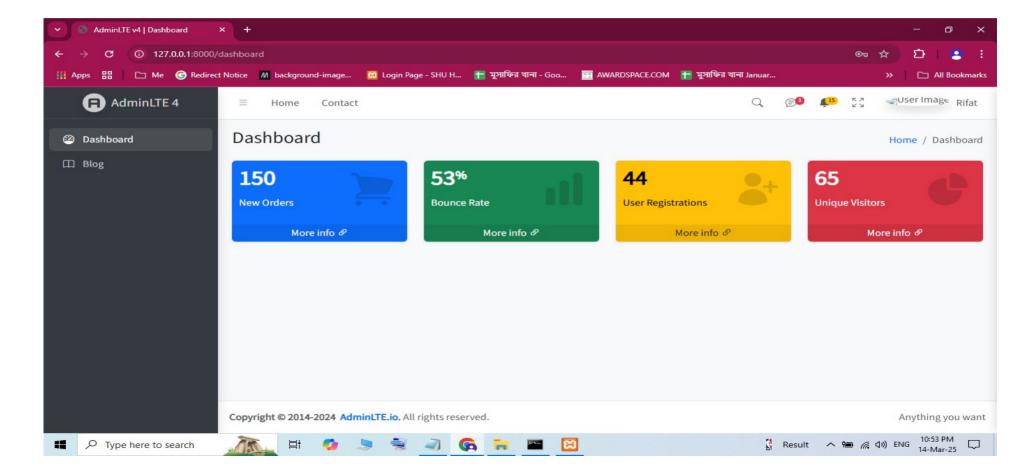
## Blog site Home page



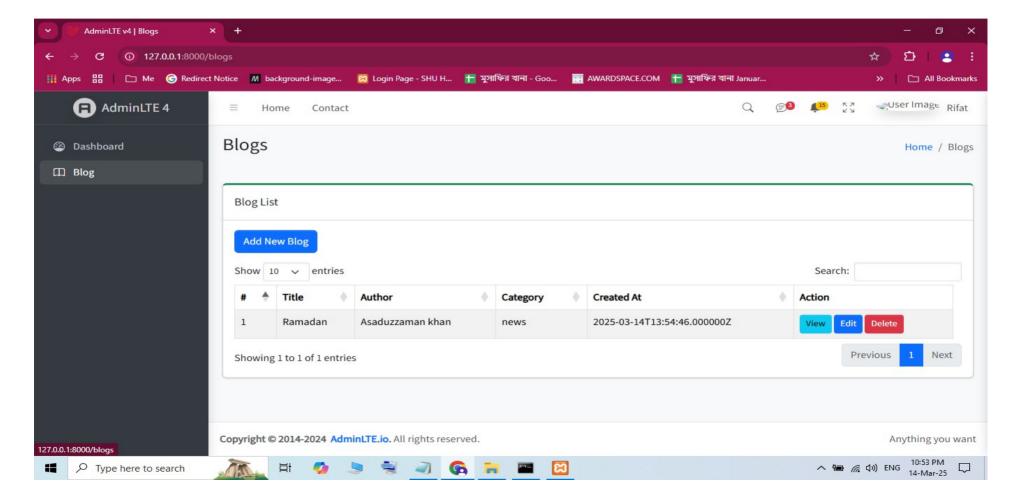
# Registration page



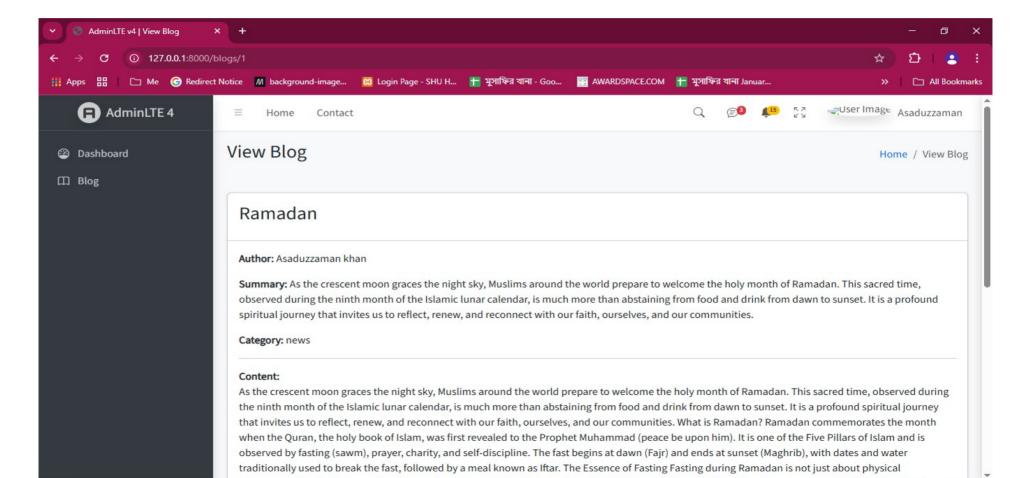
# After login



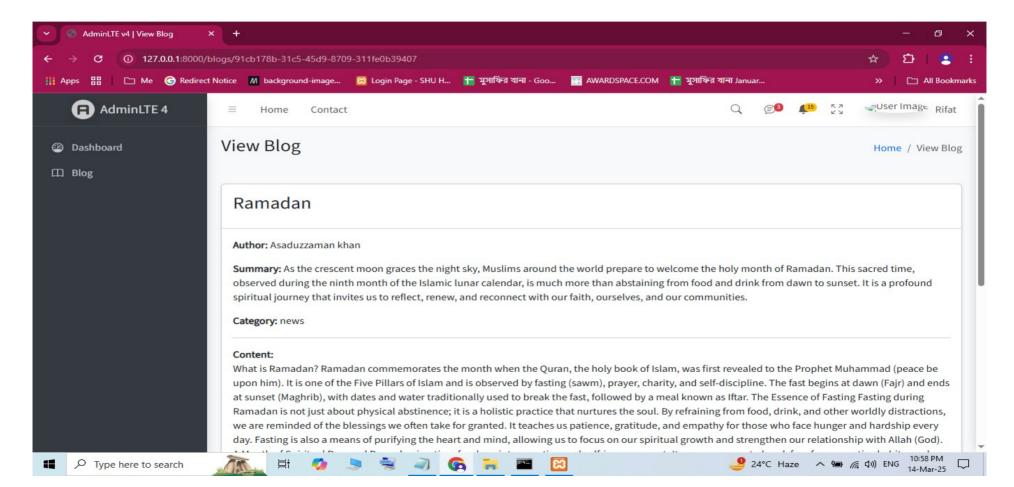
# Blogs



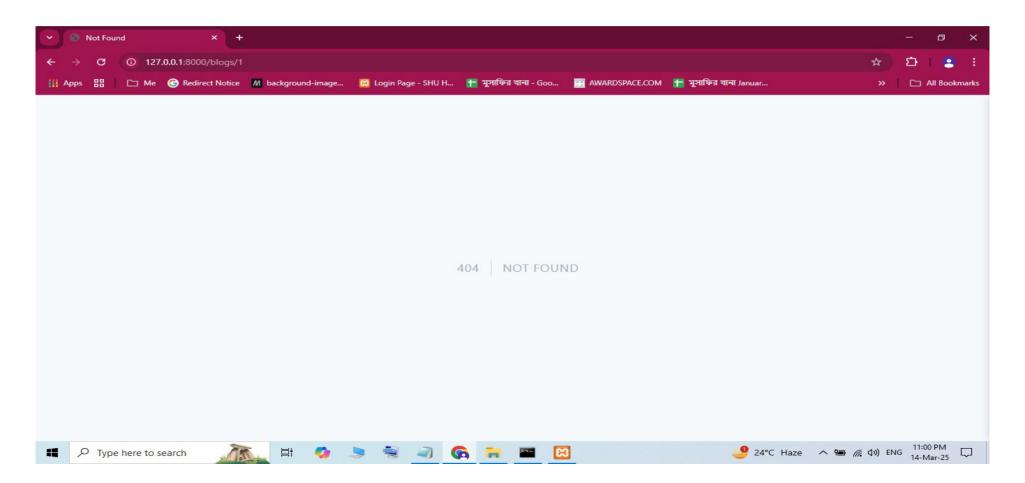
# Problem(the id was visible on url)



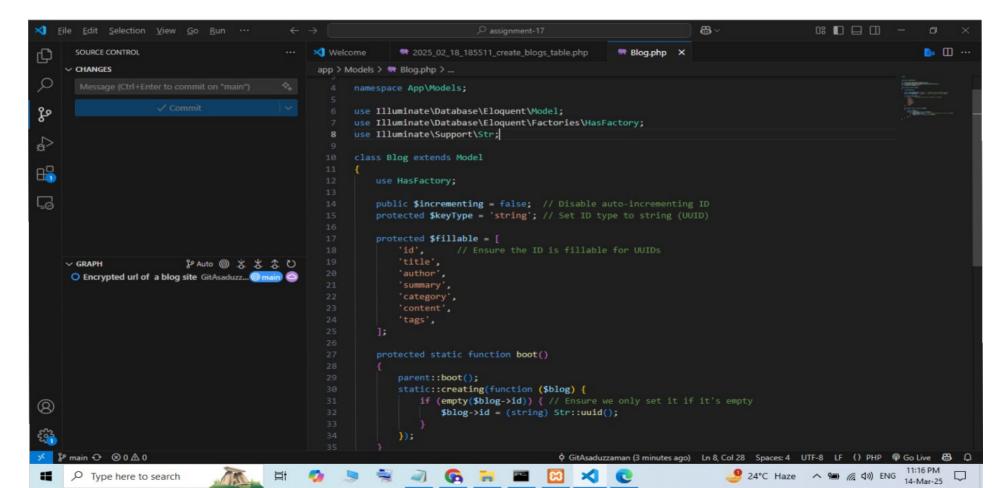
# Solution using UUID



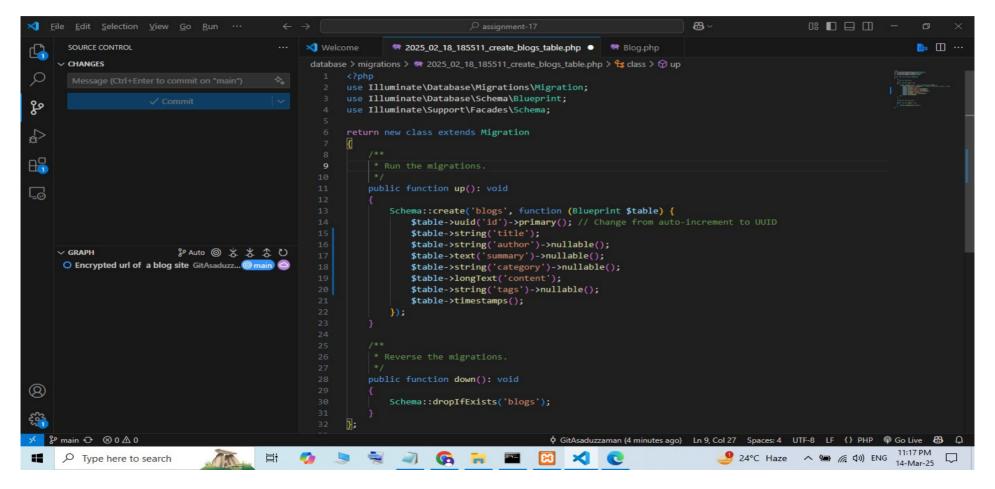
#### sql injection will not work



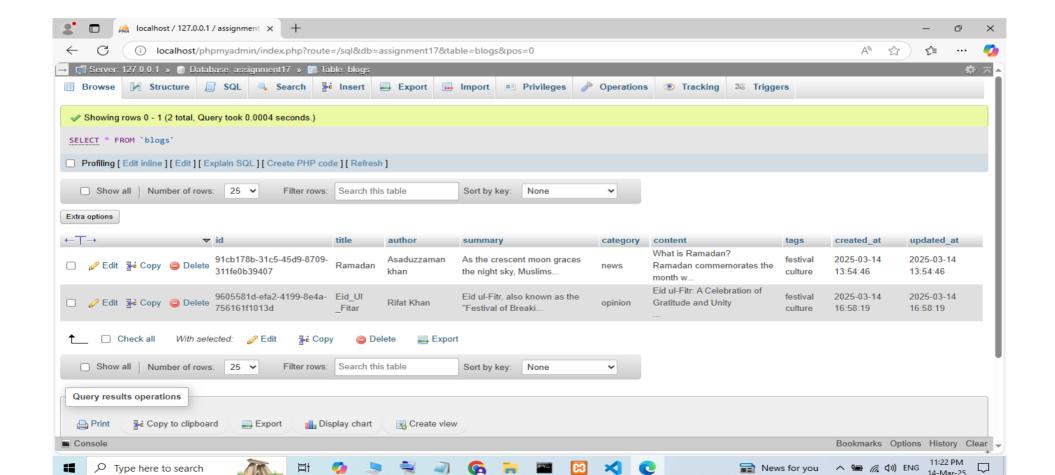
## uuid implementation



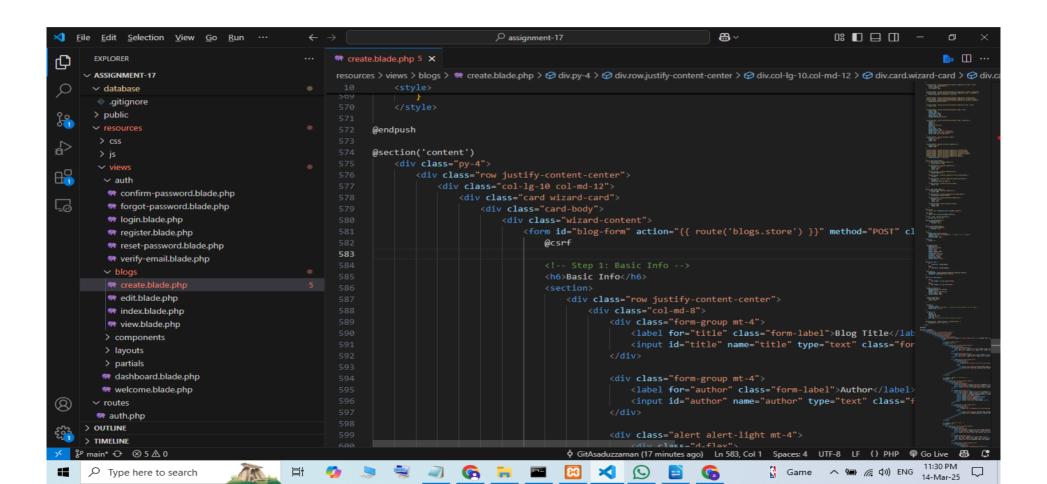
## Changing on database



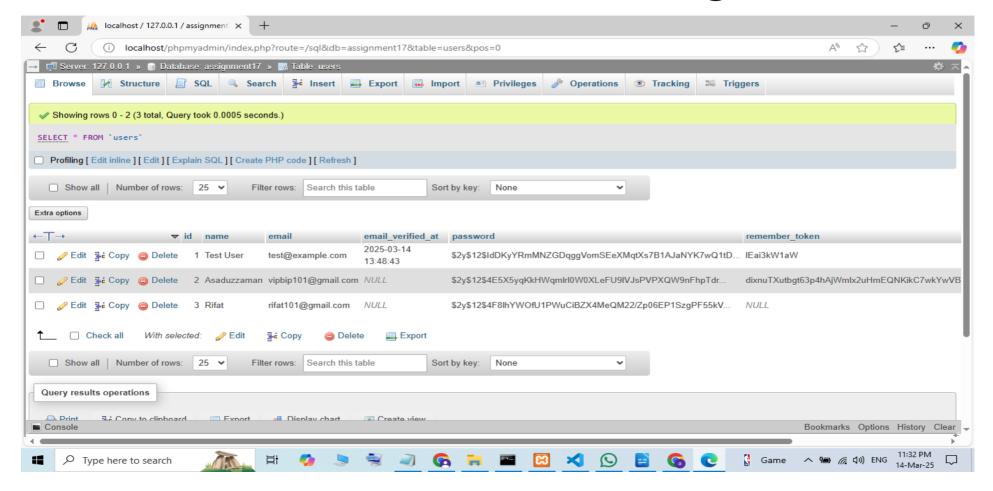
#### uuid at database



#### **CSRF**



#### Password Hashing



# My Laravel web is now secure against OWASP Top 10 vulnerabilities!

#### I have ensured:

- Authentication & Password Hashing
- Prevent SQL Injection (Eloquent ORM)
- Prevent XSS (htmlspecialchars())
- Prevent CSRF (@csrf)
- Restrict Access (Middleware & Policies)
- Use UUIDs Instead of IDs (Str::uuid())

#### Thank You