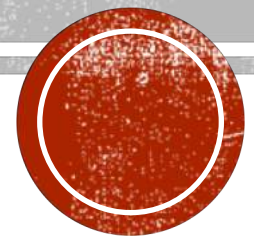
BLOGOSPHERE



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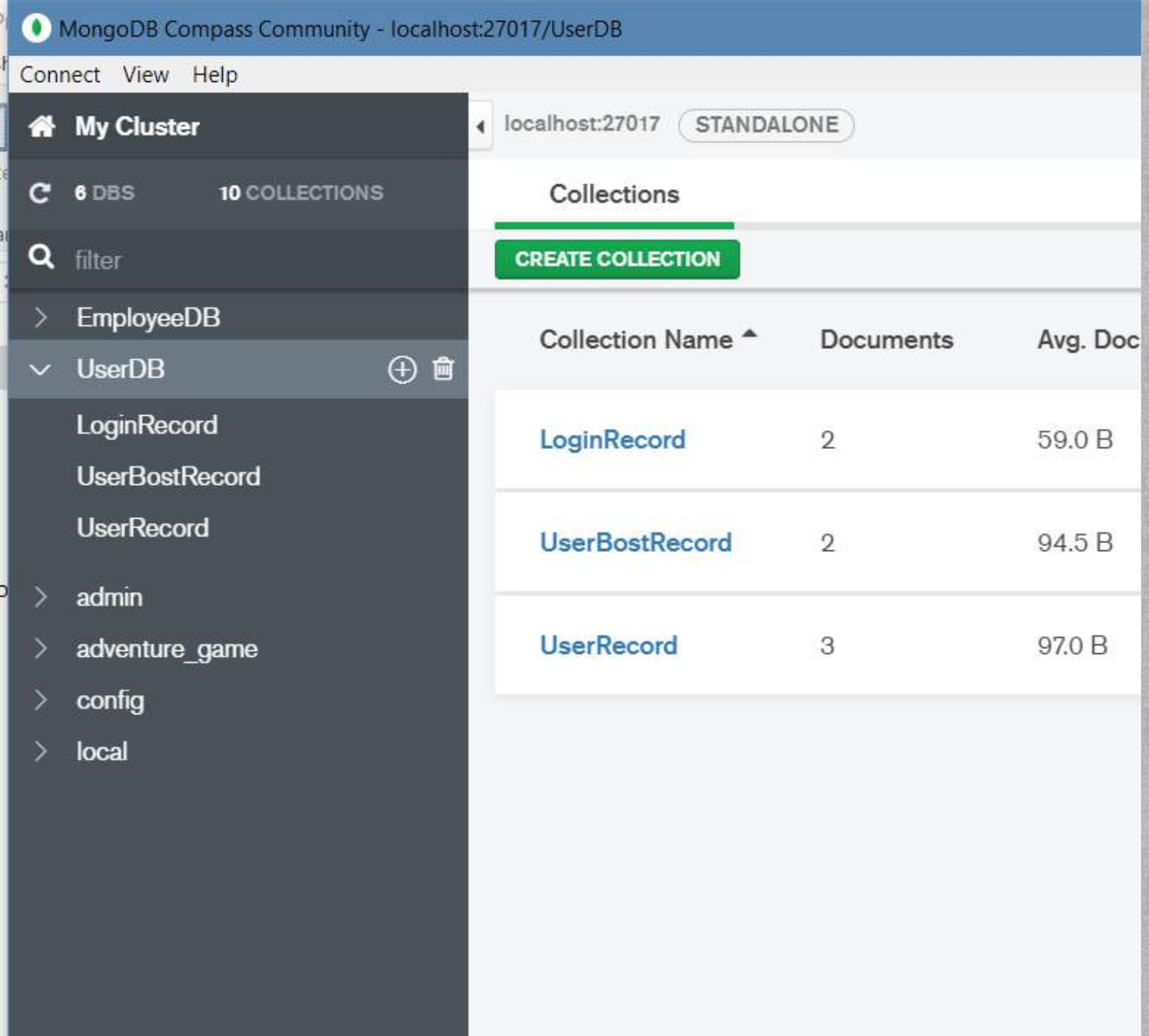
APPLICATION OBJECTIVE:

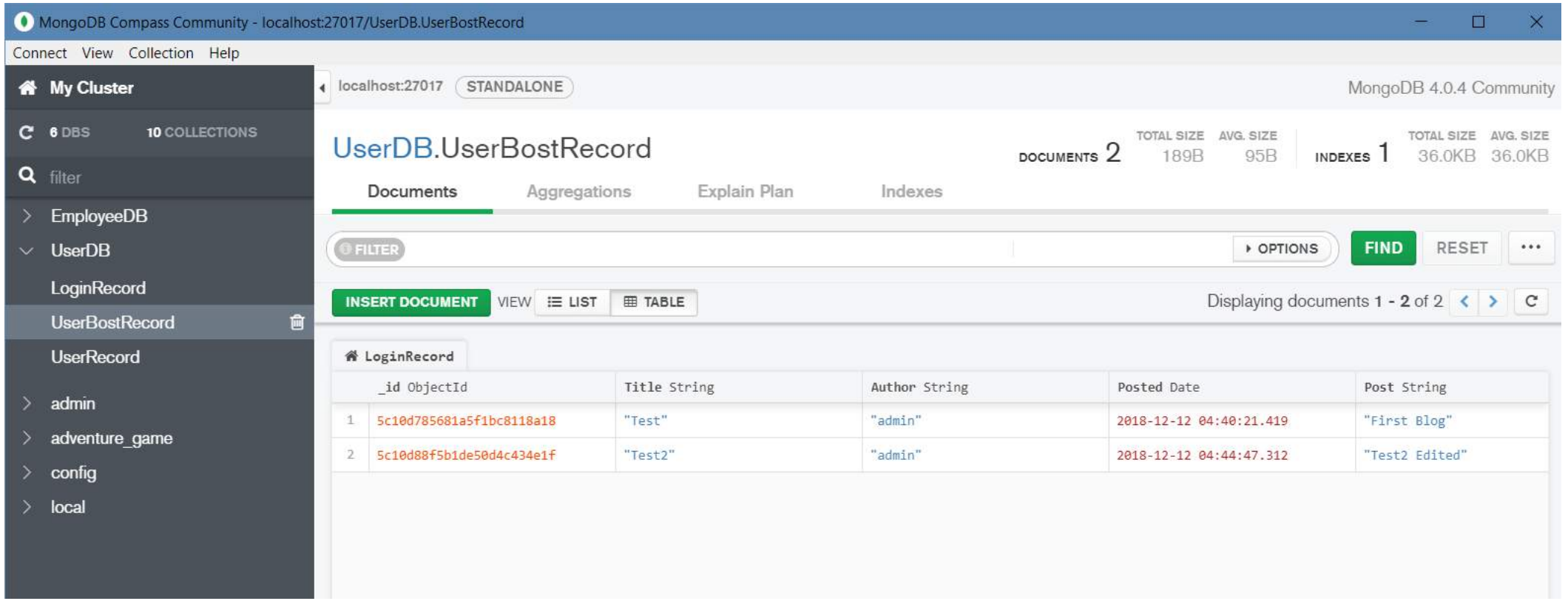
- Freedom of thoughts : Our application is based on writing your thoughts in form of posts which other users can read.
- Blogosphere is a post based website where posts are made, edited, organized by its community of users in the form of posts.
- Roles:
  - Admin can login and manage the posts along with the user management system.
  - Users can login, post, delete and edit the post.
- Connectivity: We have used Mongo DB at the backend to store the user data and posts in form of documents/collections.
  - Using Blazor application to create server and client and from server we are making the connection with the database.
  - The client hits the server which then extract data from database.



DATABASE : MONGO DB

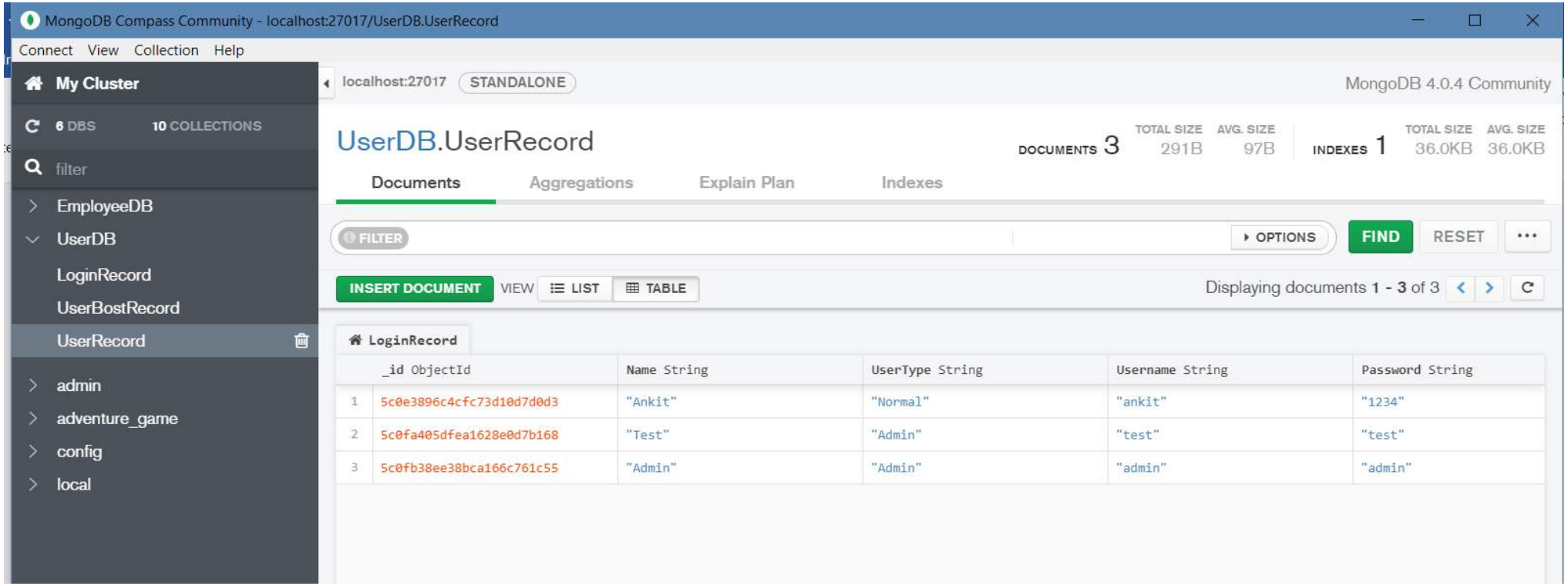
- Created a database:
  - UserDB
- Created 3 collections:
  - LoginRecord
  - UserBostRecord: All the posts made by the user will be stored in this collection.
  - User Record: All the user data ie., the id, password and role type will be stored in this collection .

SCREENSHOTS: POST

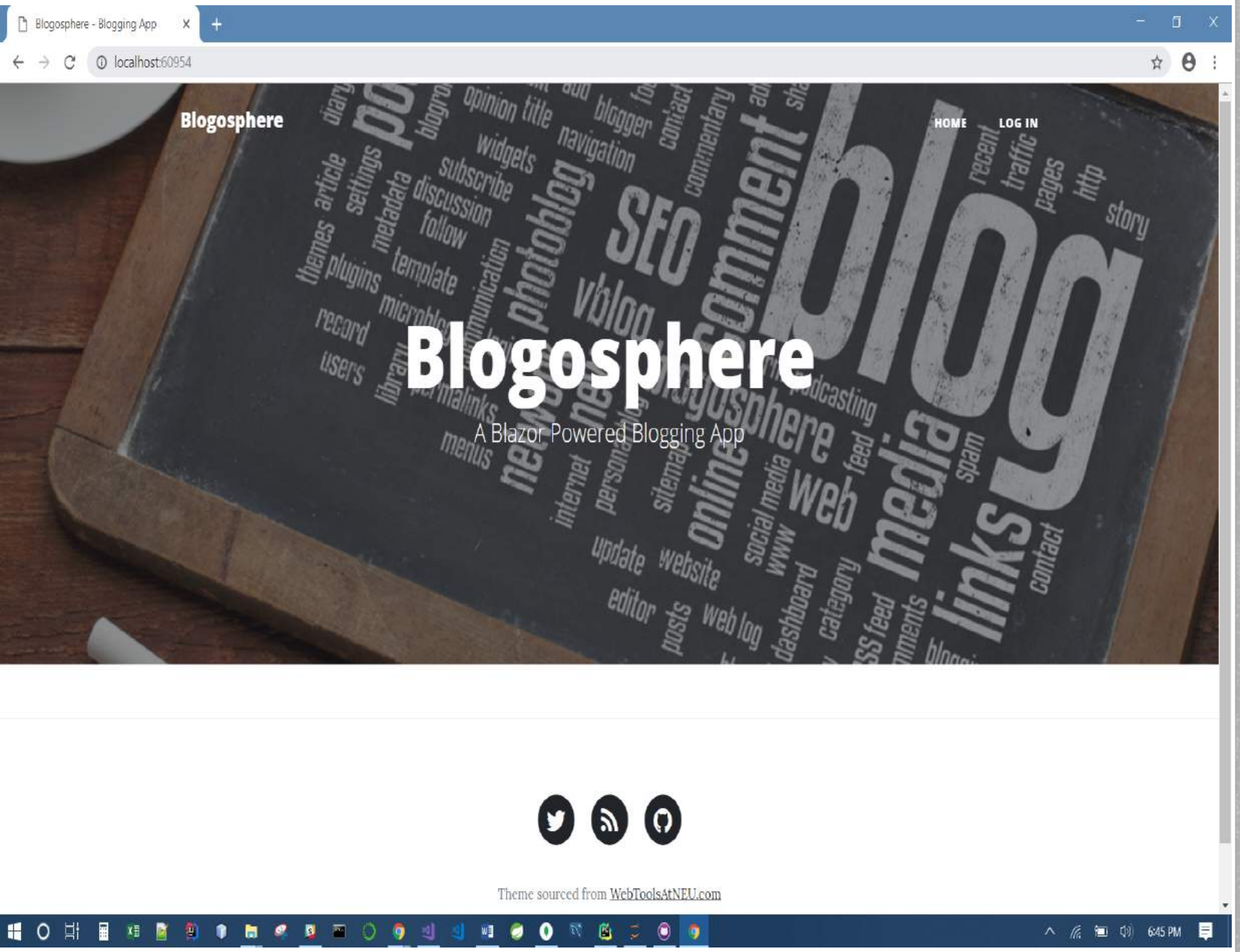


Collection with the user posts are stored here along with the posted date, string and title.

SCREENSHOTS : USER RECORD



User records data with the name, user type, password etc are stored in this collection.

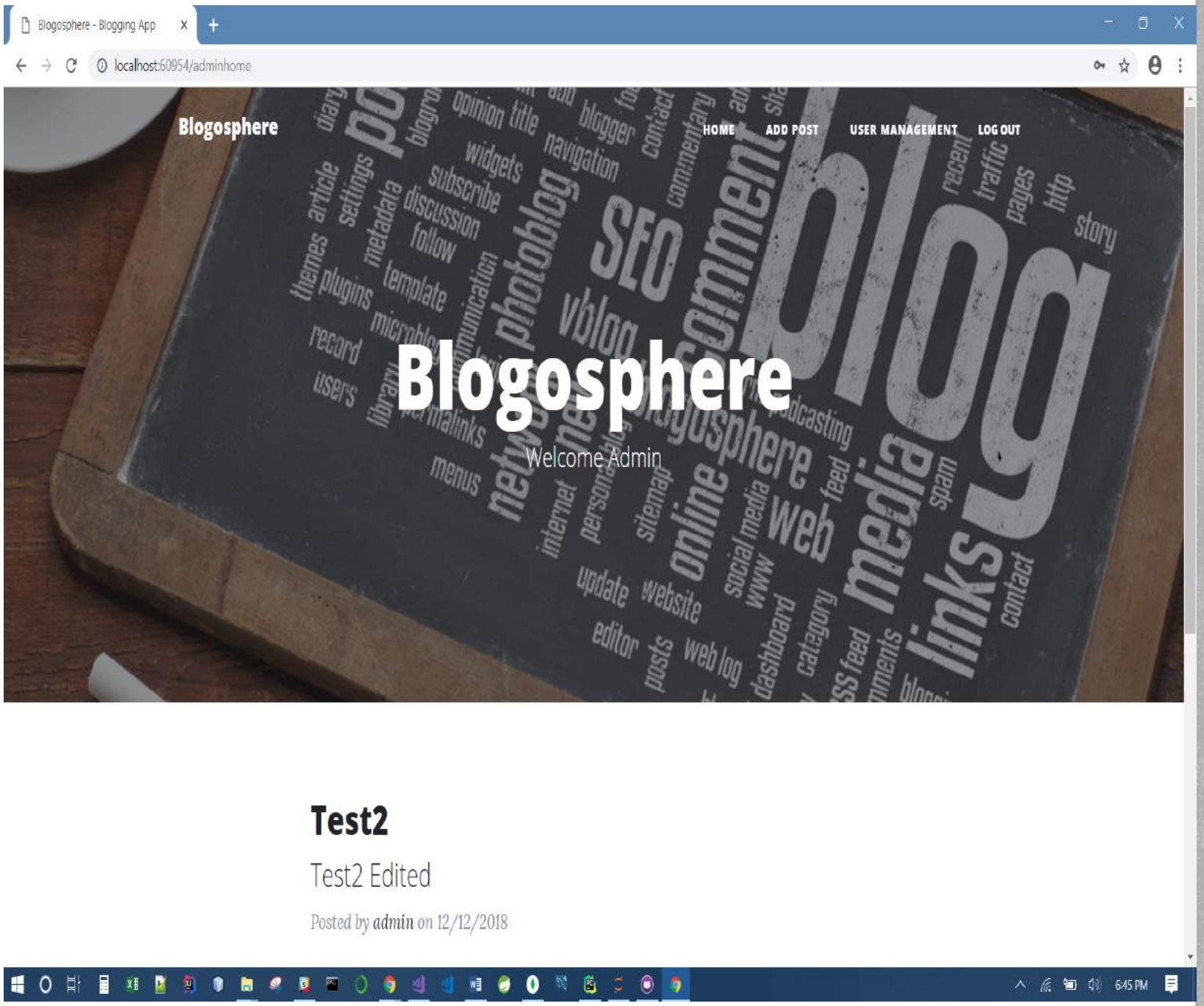


HOME - BLOGOSPHERE

- Log in button will redirect you to login page.
- Twitter label below will direct you to the twitter home page.
- Github label will redirect you to github profile already coded in the client side.

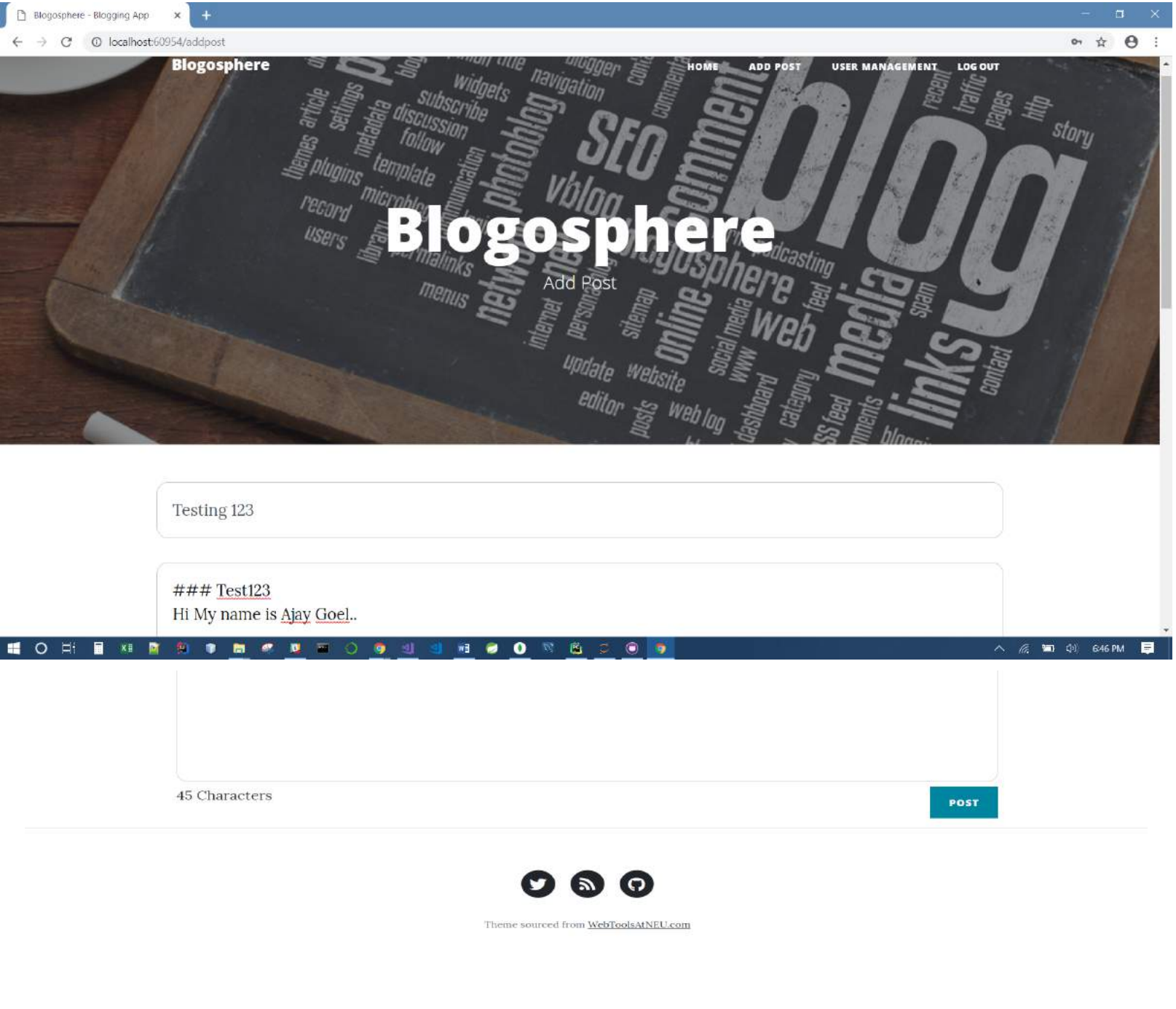
LOGIN PAGE

- Enter the details as admin in username and password which will take you to the admin home screen.



ADMIN HOME SCREEN

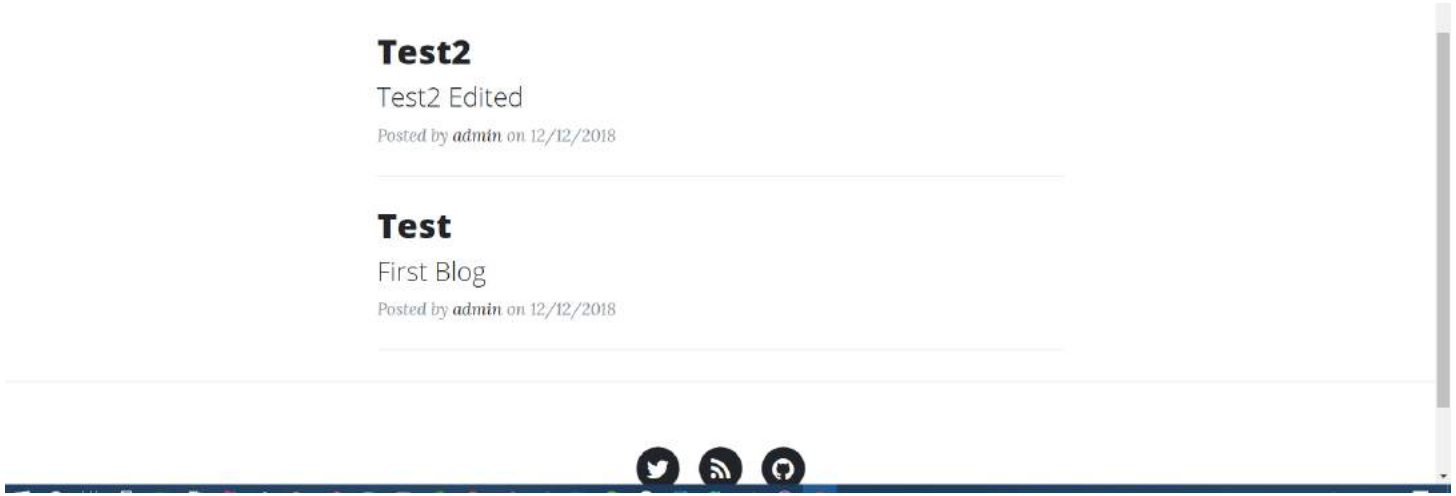
- Admin can add the posts by clicking on ADD POST button.
- They can log out clicking on LOG OUT button.
- User Management button will redirect the admin to the page where new users can be added or edited.
- Home: All the posts with the timestamp will be visible here.



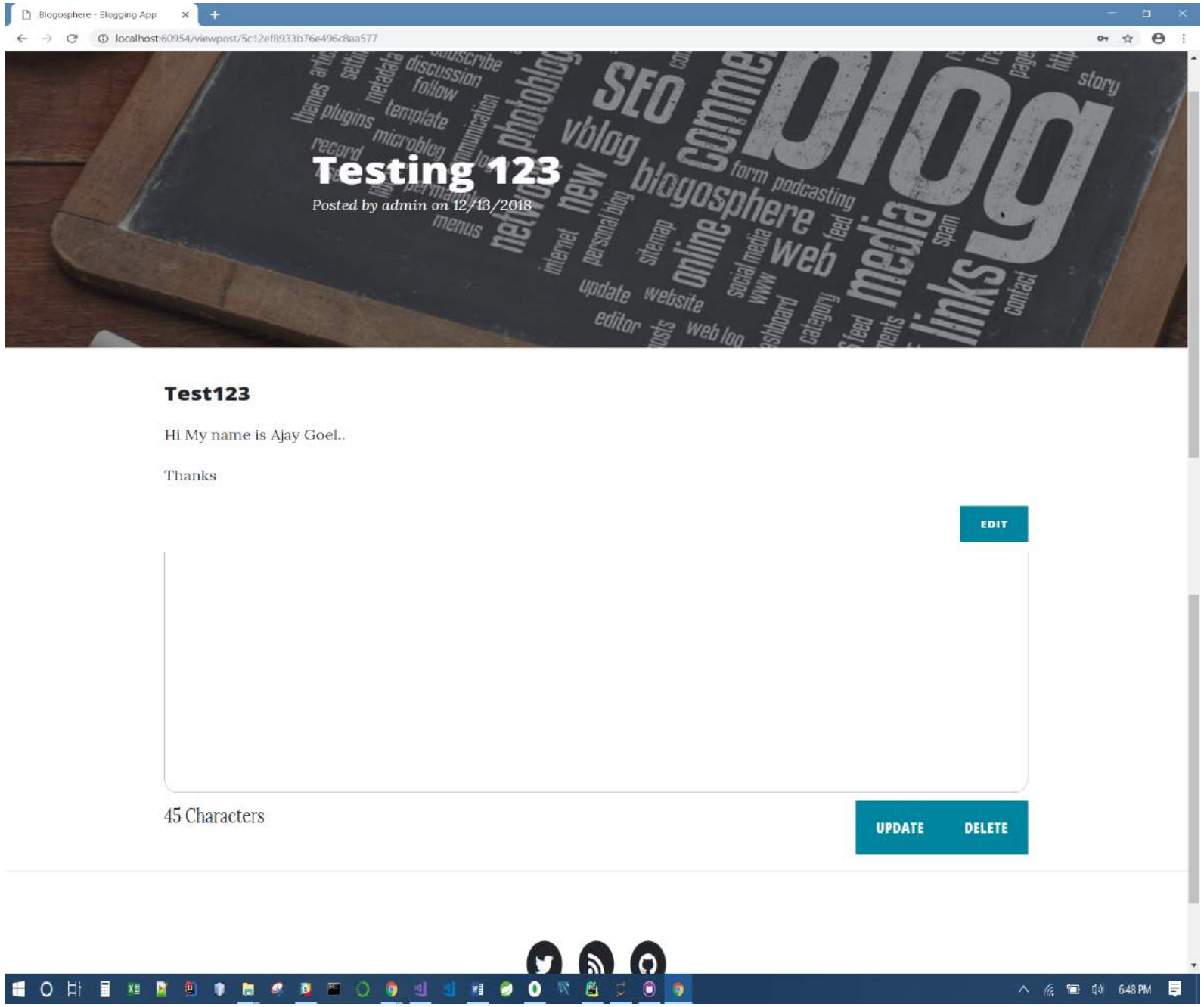
ADDING A POST : ADD POST BUTTON

- The first text box will store the heading of the post.
- The Second textbox will store the content of the post.
- It is supported by markdown. So, we can use different sizes in the post.
- Character count is also written to check the length of the post.
- After clicking on post, data will be stored in a database.

HOME – VIEW

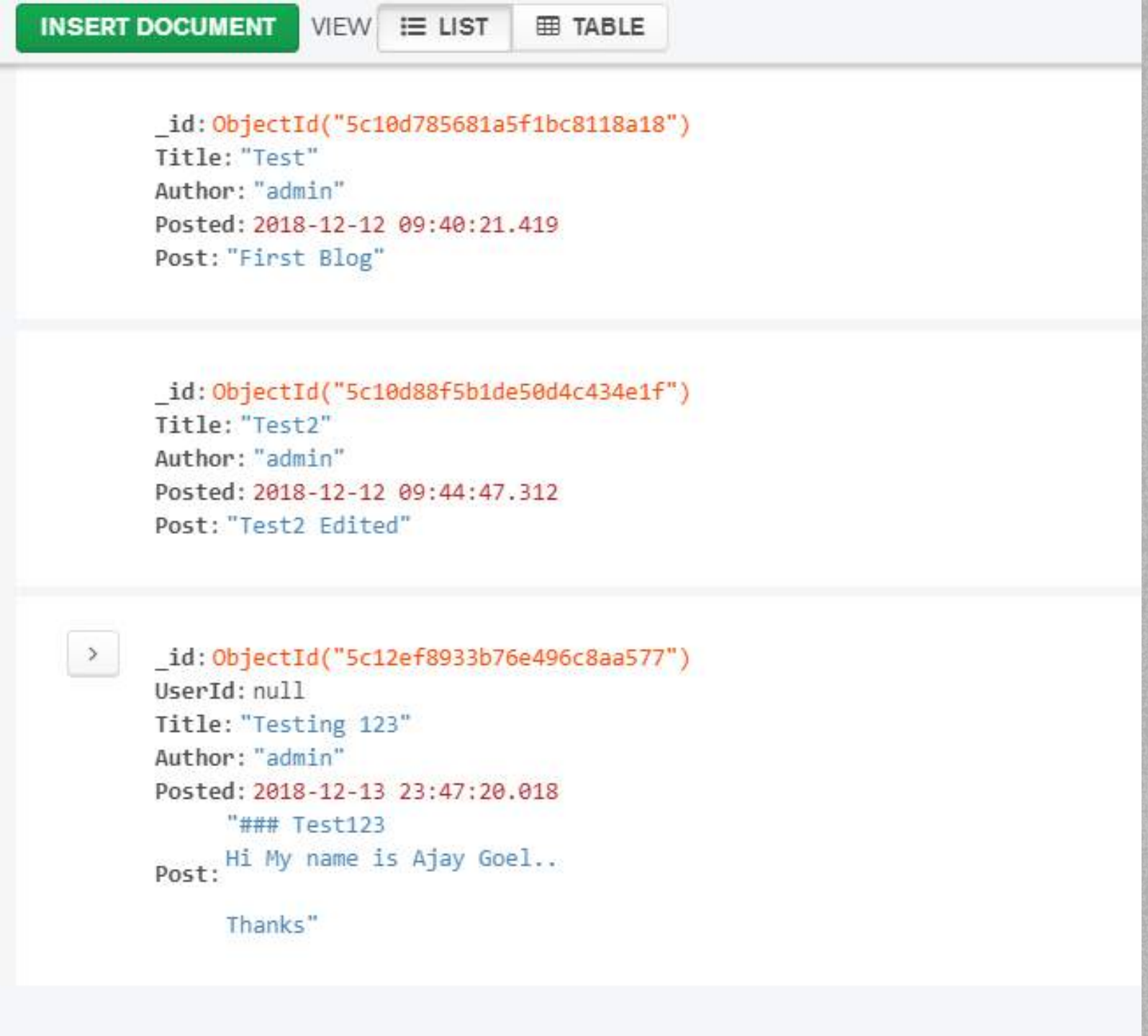


- We can view all the posts clicking on home button.



EDIT/DELETE POST

- We can edit the post by clicking on edit button.
- It can be deleted also.

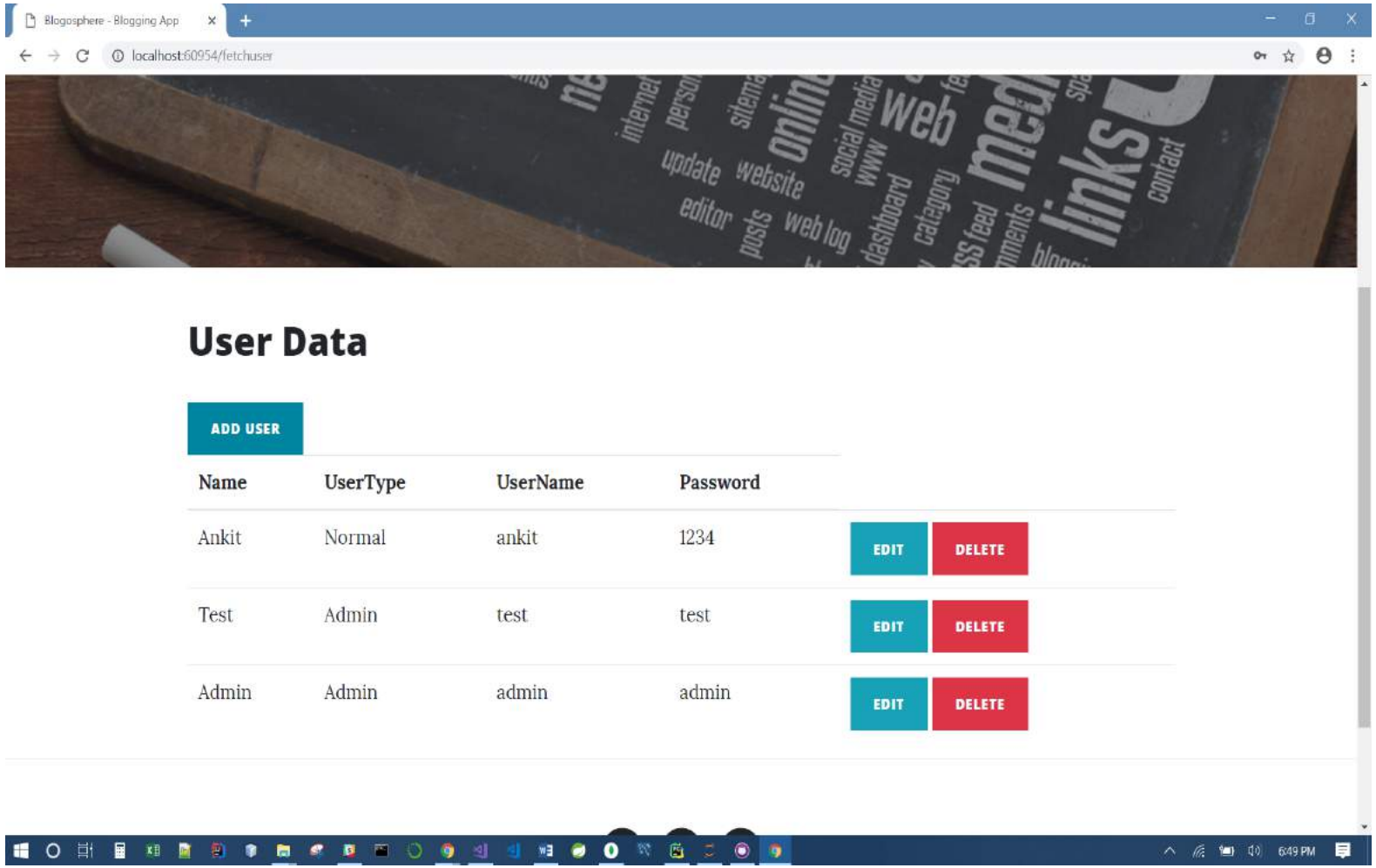


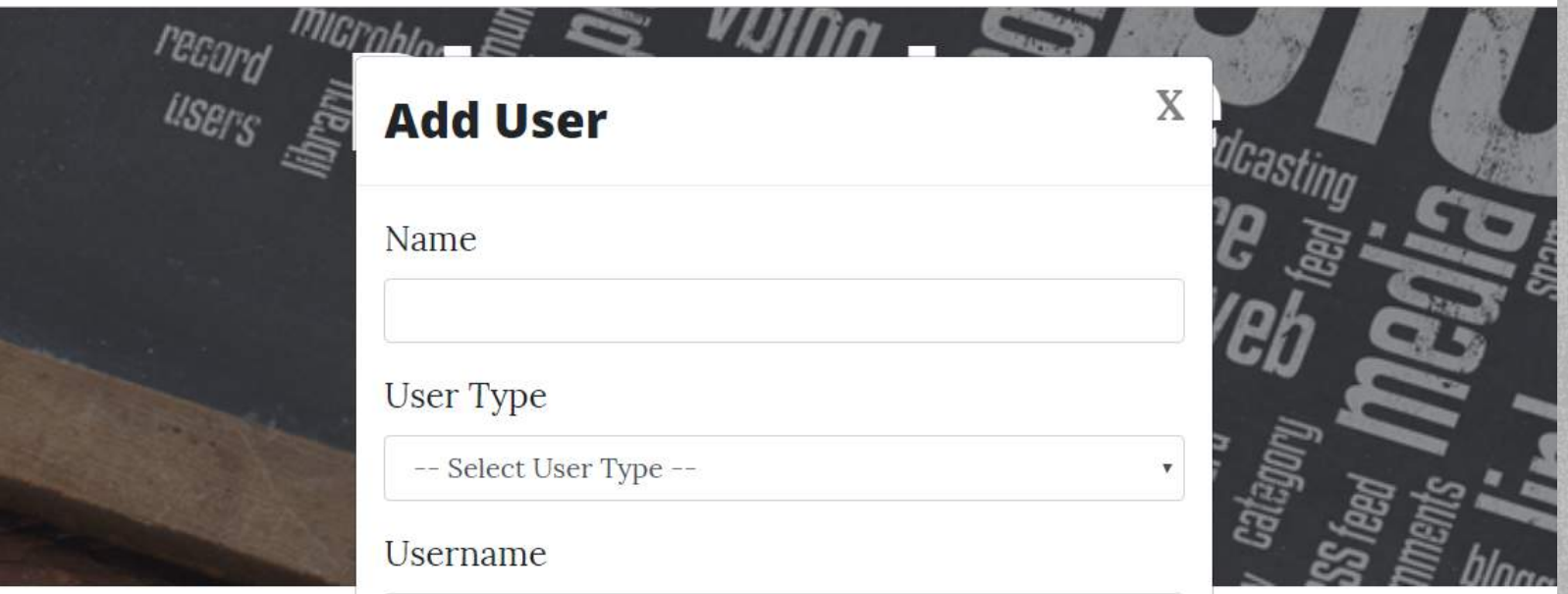
DATABASE COLLECTION VIEW

- We can check if the data is stored in the database or not.

USER MANAGEMENT SYSTEM

- Users can be accessed from User Management Button.
- It can be created, deleted and updated accordingly.





Add User

X

Name

User Type

-- Select User Type --

Username

Password

SAVE

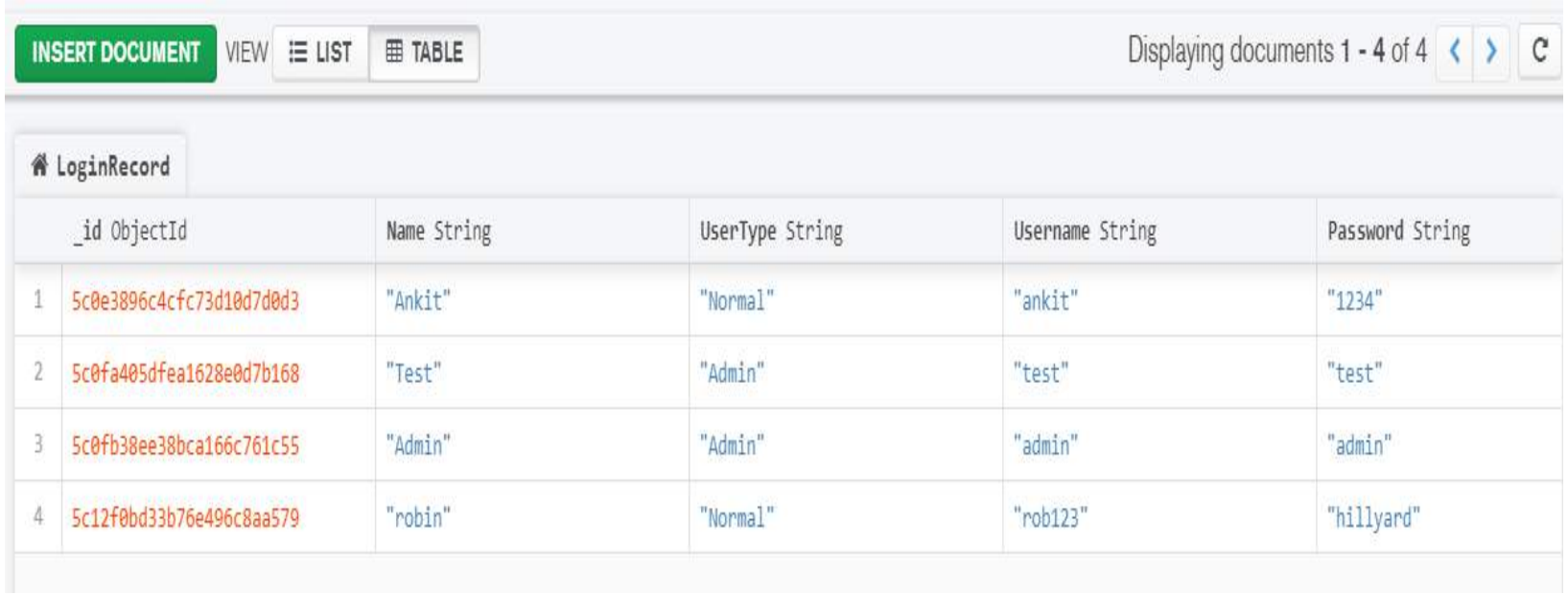
Data

UserType			
Normal	ankit	1234	EDIT DELETE
Admin	test	test	EDIT DELETE

ADD USER

- From this panel, user can be created.
- It will be directly get saved in the database.

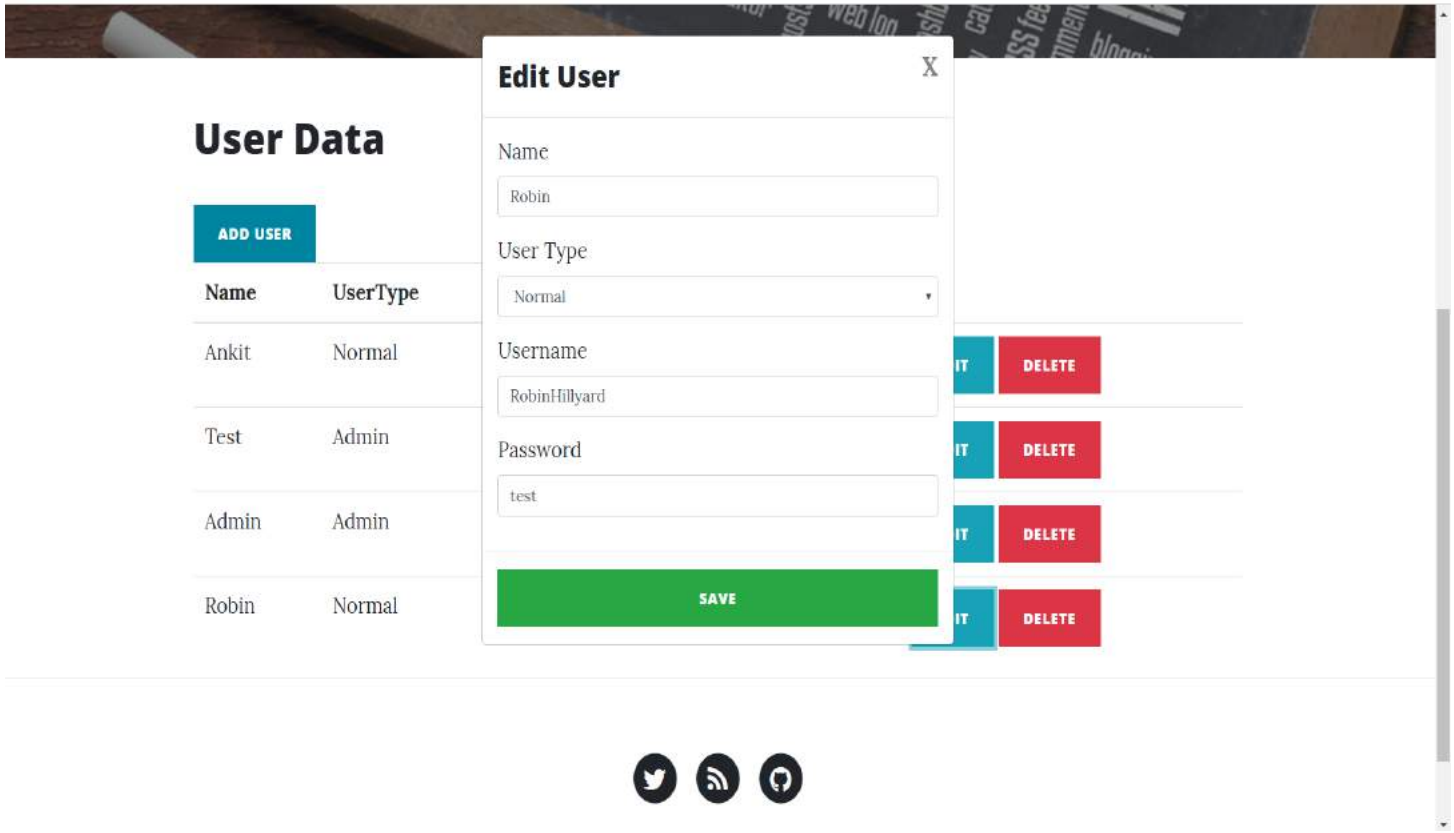
DATABASE VIEW



	_id ObjectId	Name String	UserType String	Username String	Password String
1	5c0e3896c4cfc73d10d7d0d3	"Ankit"	"Normal"	"ankit"	"1234"
2	5c0fa405dfea1628e0d7b168	"Test"	"Admin"	"test"	"test"
3	5c0fb38ee38bca166c761c55	"Admin"	"Admin"	"admin"	"admin"
4	5c12f0bd33b76e496c8aa579	"robin"	"Normal"	"rob123"	"hillyard"

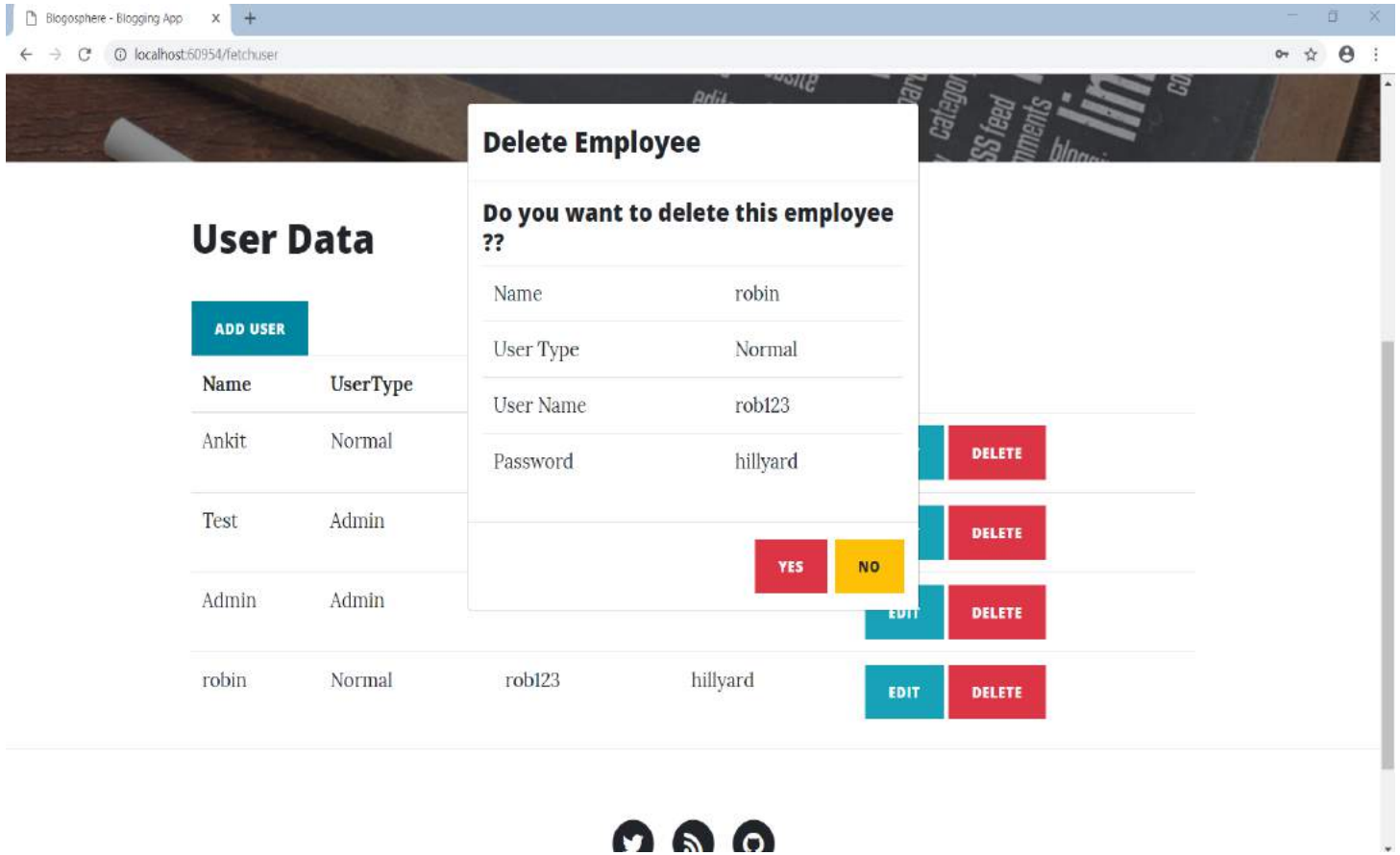
- Data of the new user created Robin is available in the database.

EDIT THE USER



- We can edit the username and password of the user by clicking on EDIT button.

DELETE THE USER



- User can be deleted from the database also.

REFERENCES:

- https://blazor.net/
- https://blazor.net/docs/
- https://ankitsharmablogs.com/asp-net-core-crud-using-blazor-and-entity-framework-core/

THANK YOU