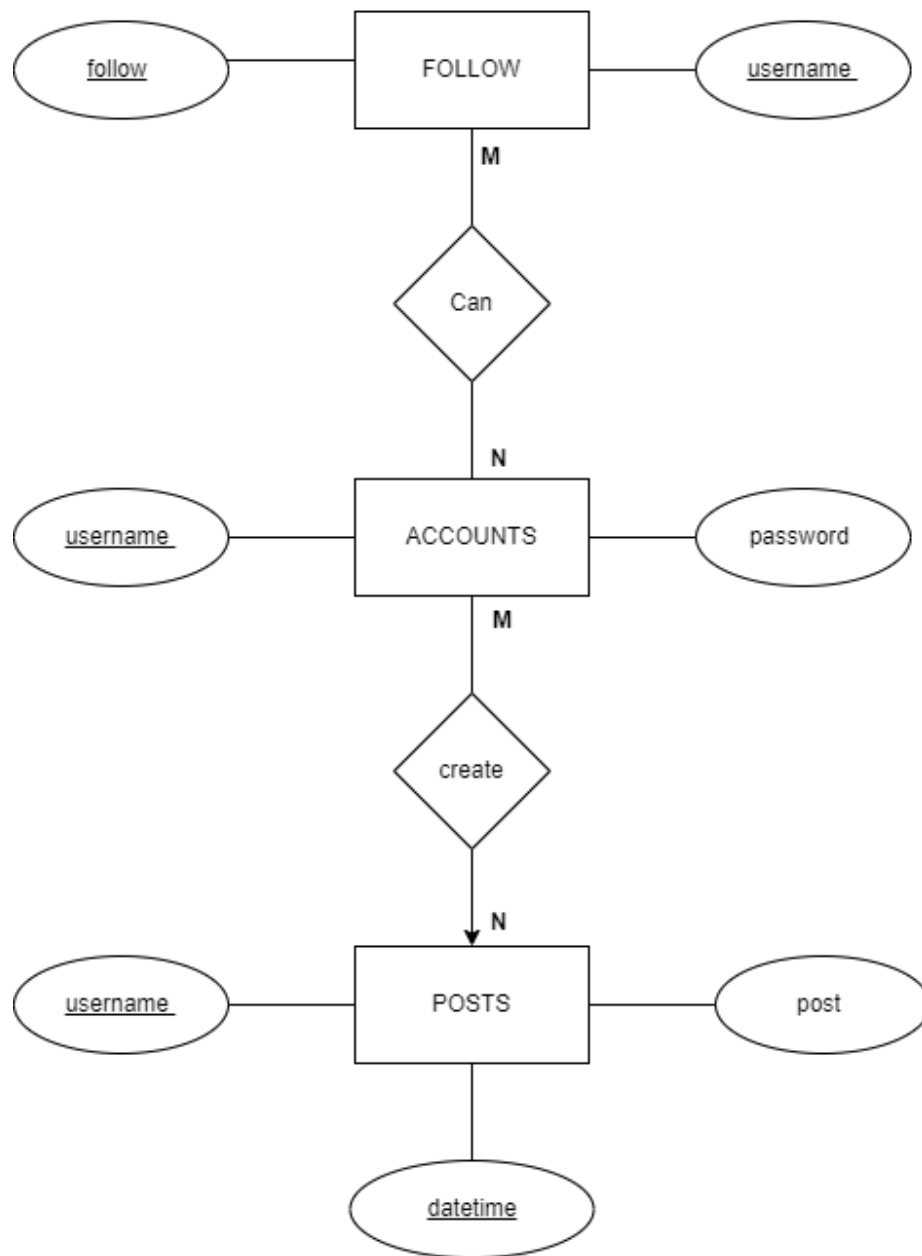


Term Project – Social Network Website - Data Engineering

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ER Diagram



How To Run the Website

1. Clone the following repository.

```
git clone https://github.com/Dawood0/Simple_Social_Network
```

2. Configure MySQL credentials to match the host settings.

```
Simple_Social_Network
|- databases
| |- db.js
```

3. Run the schema file to create an instance of the database used in website.

```
Simple_Social_Network
|- database.sql
```

4. Run the website

```
node index.js
```

5. Access localhost port 8000 from your browser.

```
localhost:8000
```

Test Cases

Sign up

Username: Password:

Hashing the user's password

username	password
1 all	3c9989afec25354d551dae21590bb26e38d53f2173b8d3dc3eee4c047e7ab1c1eb8b85103e3be7ba613b31bb5c9c36214dc9f14a42fd7a2fdb84856bca5c44c2
2 Mohammed	d404559ff602eab6fd02ac7680dacbfaddd13630335e951f097af3900e9de176b6db28512f2e00b9d04fba5133e8b1c6e8df59db3a8ab9d60be4b97cc9e81db
3 omar	3c9989afec25354d551dae21590bb26e38d53f2173b8d3dc3eee4c047e7ab1c1eb8b85103e3be7ba613b31bb5c9c36214dc9f14a42fd7a2fdb84856bca5c44c2
4 Yousef	3c9989afec25354d551dae21590bb26e38d53f2173b8d3dc3eee4c047e7ab1c1eb8b85103e3be7ba613b31bb5c9c36214dc9f14a42fd7a2fdb84856bca5c44c2

Login



[Home](#) [My Profile](#) [Friends](#) [Logout](#)

Hello, Mohammed!

Post:

Follow:

Unfollow:

Search:

Visit:

My Posts:

Wrong Credentials Login

Username: Password:

Wrong Credentials!

Logout

Username: Password:

Figure 1: Logout and redirect to sign in page

Friends

To be friends with someone you have to mutually follow each other.



Hello, Mohammed!

Post:

Follow:

Follow:



Hello, ali!

Post:

Follow:



Hello, omar!

Post:

Follow:



[Home](#) | [My Profile](#) | [Friends](#) | [Logout](#)

These are your friends, Mohammed!

[ali](#)

[omar](#)

Creating new post



Hello, Mohammed!

Post:



[Home](#) | [My Profile](#) | [Friends](#) | [Logout](#)

Hello, Mohammed!

Post:

Follow:

Unfollow:


Search:

Visit:

My Posts:

- Fri Jun 24 2022 23:10:06 GMT+0200 (Eastern European Standard Time), Mohammed: I feel good :(
- Fri Jun 24 2022 20:57:51 GMT+0200 (Eastern European Standard Time), ali: ali

Profile page

 **Mohammed**

[Home](#) / [My Profile](#) / [Friends](#) / [Logout](#)

Change your profile picture:

No file chosen

This is your profile!

These are your posts:

My Posts:

- Fri Jun 24 2022 23:10:06 GMT+0200 (Eastern European Standard Time), Mohammed: I feel good :(

These are your friends:

[ali](#)

[omar](#)

Search

Search results:

- [ali](#)

Search results:

- [ali](#)

Visit

Visit:



This is user ali!

Follow

Unfollow

Posts:

- Fri Jun 24 2022 20:57:51 GMT+0200 (Eastern European Standard Time), ali: ali

Follow an Already Followed User

Unfollow:

Unfollow

You are not following this user!

