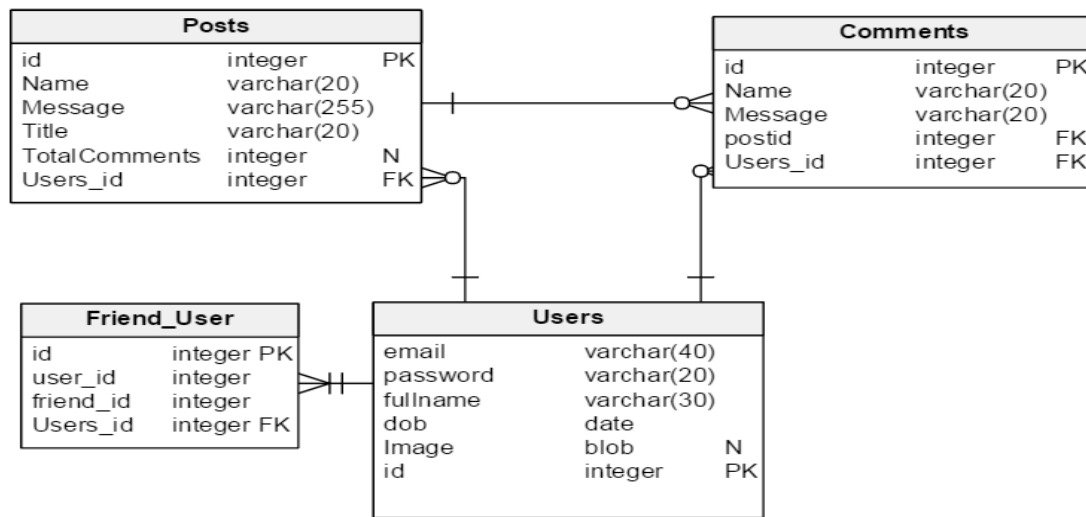


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# **Web Programming**

## **Assignment 2**

# Entity Relationship Diagram



## Progression

### What hasn't been Completed

- User's profile image displaying in their Posts and Comments.

I got them to display On the friends page, other user's profile pages, the search page and the logged in user's profile page.

- Some of the privacy level post's selection on the main page.

I managed to retrieve only public Post's if you aren't logged in and all Post's if you are.

- Displaying a user's post's on their profile page

I did manage to reflect a user's name in whatever comment or post they make even if they update their name.

- Pagination

### Notes

For the validation of a User's Name, I used a custom class called alpha\_spaces. It is something I found online. I had to change the validator.php file and do a few little includes in some laravel files. I hope this is ok.

# Site Diagram

## UserController

- create

Loads the page for the user to create a user

- store

Stores the user in the database if the validator passes

- profile

Show's the logged-in user's profile.

- search

Searches the database for a user by their name

- show

Show the detail's of a user that was found through the search function.

- edit

load the page for a user to edit their profile.

- update

store the user's new details if the validator passes

- login

log the user in if their username and password is correct

- logout

log the user out and redirect them to the home page

## FriendController

- getindex

Loads the page which show's all the user's friends.

- getAddFriend

- getRemoveFriend

## CommentController

- store

Stores a comment on the appropriate post page then reloads the post page.

- destroy

Deletes the comment from the appropriate post page then reloads the post page.

## PostController

- index

Load all the posts, load only the public ones if the user isn't logged in.

- store

Store a new post in the database if it passes the validator

- show

Show the post's comments

- edit

Loads the edit page.

- update

Update the post if it passes the validator

- destroy

Delete the post and reload the home page.

## PostController

This is the main controller, it loads the home page, it is where various functions from other Controller's will route to after they finish executing.

## UserController

Most of these methods end up routing to the PostController after they execute.

## FriendController

This is the only Custom(not resourceful) controller. It is mainly just used for calling functions in User.Php.