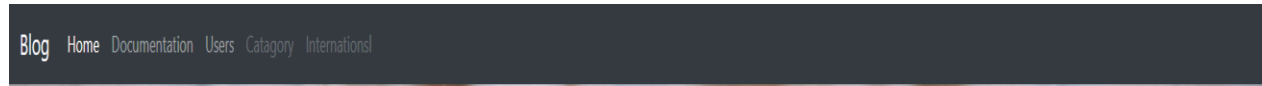# 2703ICT- Web Application Development

ASSIGNMENT 1(SOCIAL MEDIA APPLICATION)
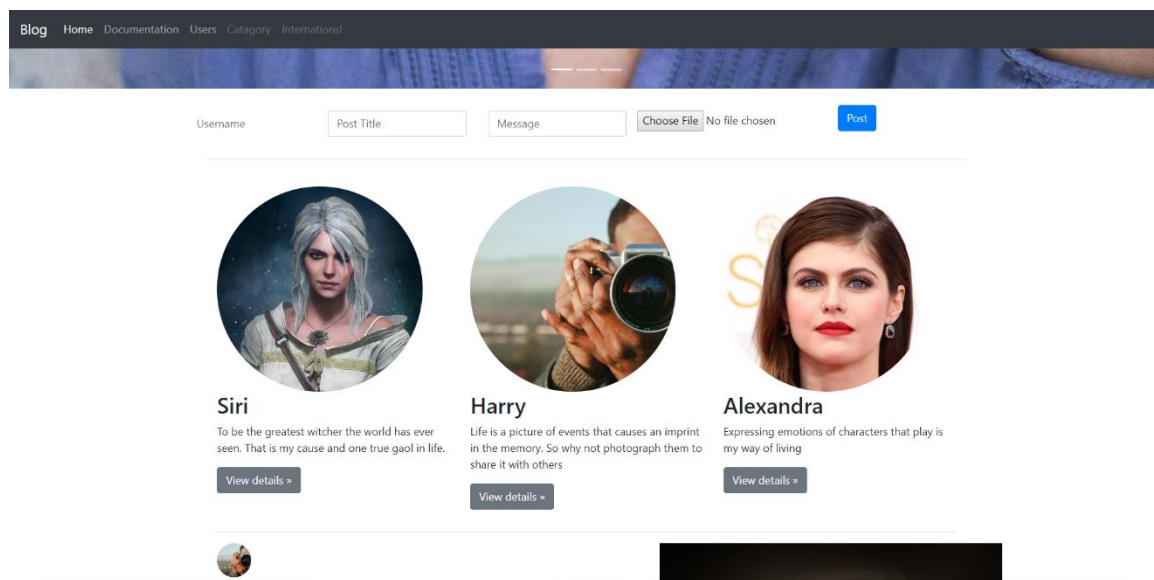
Samrat Kunwar | s5108723 | 02/08/2019

Navigation Bar

The website implements the bootstrap navigation bar that is present in all the pages linked to the website. It consists of a link to the home page, a link to the documentation page that contains ERD and Doc file for the website. The users link redirects to the page with all the users. Other links have not been implemented yet and are disabled.

HOME PAGE

The Home page consists of a fixed navbar followed by an image slider. The slider's main purpose is to display the featuring post(not implemented yet).

It is followed by a form that allows users to create a new post. (Note: The form item of choosing post image has not been fully implemented and can only display images pre-present in the images folder of the website.)

Bellow that are the user icon and link to their profile. It has not been implement but was to act as a slider displaying all the users and a link back to their profile.

The rest of the page displays the posts made by the users.

POST PAGE

Home page displays all the posts made by the users. The posts each have a user icon and username. Posts are formatted with a title and a message, followed by the number of comments it has gotten and the date of creation. Similarly on the right side it contains post image.

Users can click on the user icon to go to the users profile or on the post image to go the post page.

USER PROFILE

The users profile contains displays all the post made by the user.

POSTS

The post page displays all the posts information and comments it has received. Similarly, it provides the user, with a choice to update or delete the post, add comment based on username and delete comments. Since, in this assignment there is no implementation of a login method, any users can update any post and delete any post/comments.
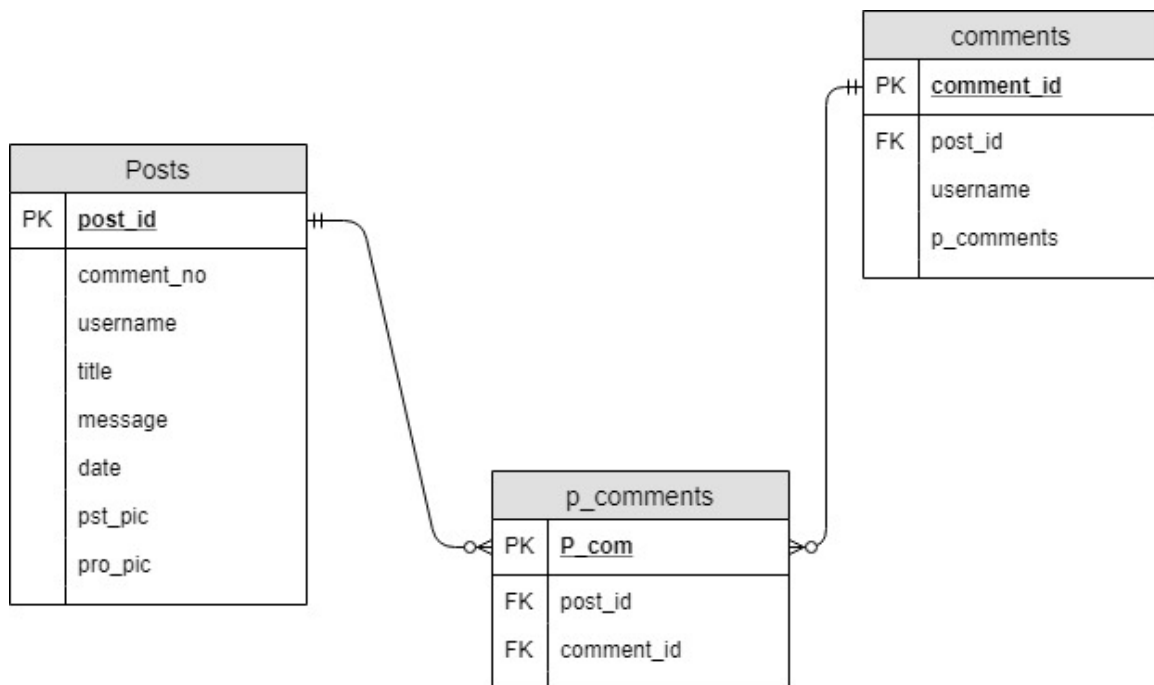
COMMENTS

A form to add comments is present at the end of the post page. Any user can add comment to the post hence provided username. The comments is then displayed on the post page. A comment can be added and deleted from the post page.

DATABASE

The database consist of a two tables posts and comments. Posts contains all the information of the post i.e. , user's profile picture, username, title and message of the post, date posted, number of comments received and picture of the post.

Similarly, comments table contains comment id , post id(reference back to post(post id)), and the comments made.

ER DIAGRAM

Since anyone can create a post and comment on a post, the database needs only two tables. Since, it is a many to many relation, there is a bridging entity called p_comments.

1. Users can have zero to many posts.
2. A post can be made by only one user
3. A post can have zero to many comments, and
4. A comments can be made to zero to many post.

Note: The unique user and recent post have not been implemented.