

Assignment 1

Due Date: 9am 26th April 2016 (Tuesday Week 8)

Weight: 25%

Individual Assignment

Introduction

For this assignment you are required to build the foundation for a social network. You will be required to implement the ability for posts to be added to a timeline, posts to be edited and deleted, and for comments to be added to posts. There is no requirement in Assignment 1 to support multiple users.

Details

The name and design of the website can be to your choosing however it must satisfy the following requirements:

1. All pages must have a navigation menu, either across the top of the page or down the left or right column.
2. The home page must display a form for the user to create a new post.
3. The home page must also display all posts, in reverse-order of creation (most recent posts first).
4. Each post should contain an icon (all posts can have the same icon).
5. Each post should contain a title, a message, and a user's name (the user is not required to login, they can simply enter their name in the post form).
6. Each post should indicate the number of comments.
7. Each post should have edit and delete buttons or links.
8. Each post should have a view comments link.
9. When the edit button is pressed an edit page should be displayed which presents a form to edit the contents of the post. A cancel button on this page simply redirects back to the home page without any changes. A save button, updates the post and redirects to the view comments page.
10. When the view comments link is pressed, a new page (the view comments page) is displayed showing the post as well as all of the comments.
11. The view comments page should contain a form to add a new comment to the post.
12. Comments have a message and a user, but no title.
13. Comments have a delete button but no edit button. Deleting a comment should redirect to the view comments page.
14. This assignment must be implemented using Laravel and the DB class.

Good coding practice is expected. This includes:

- Naming: using consistent, readable, and descriptive names for files, functions, variables etc.
- Readability: correct indenting/spacing of code.
- Commenting: there should at least be a short description for each function.

Submission Requirements

You must submit the following items for the assignment:

- An ER diagram for the database
- A short document describing what you were able to complete, what you were not able to complete, any interesting approaches you took, and any extra that was implemented.
- The above documentation should be provided as a page (or pages) in the website and linked to from the navigation menu. The ER diagram can be provided as an image (PNG) or SVG.
- A compressed file (.tar.gz) containing ALL the files in your submission (including all PHP code, SQL to create the database, and documentations as described above).
 - This file can be obtained from Cloud9 by right click on your assignment directory then select download.

- This file must be submitted via Learning@Griffith through the assignment 1 link.

Note: You are responsible for regularly backing up your work to BitBucket. Hence, if you lose your file due to not backing up, then expect to be heavily penalised.

Assignment Marking

Assignments will be marked in the lab following the due date of the assignment. You must be present to demonstrate your assignment to complete your submission and be marked.