INET 2005 WEB APPLICATION DEVELOPMENT I

FINAL ASSIGNMENT – SIMPLE, CUSTOM SOCIAL MEDIA FEED IN PHP & mYsql

# Prerequisites

### Required: Completion or Near completion of Phase 1

### Strongly Recommended: Lab 6 (MVC), & Labs 7-10 (Framework).

# Summary

NOTE: YOU WILL BUILD YOUR OWN CUSTOM SOCIAL MEDIA FEED SITE FROM SCRATCH.

Building on the requirements you implemented in Phase 1, you will add more functionality to your feed site.

# Phase 2 Requirements – Site Front-End/Feed Area

1. **Display of Public Feed Page (Homepage)**

End-users navigating to the website in a web browser will be presented with a **main feed page** listing all of the **current posts** submitted by the various users registered on the site.

* The posts in the feed should be listed in descending chronological order based on the date and time of posting. (ie, most recent listed first)
* In addition to the desired content to be displayed, each post in the feed should also display the date and time that the post was created. The date format can take one of many forms. The choice is yours.
* A ‘Create New Post’ button should be presented somewhere on the page when the end-user is logged in but should not be visible when an anonymous user visits the page.
* If the user is currently logged in to the feed, each post in the feed should also display an ‘Edit’ button, but only for those posts that were created by the logged-in user.
* If the user is currently logged in to the feed, each post in the feed should also display a ‘Delete’ button, but only under the following conditions:
  + The authenticated user owns the post, or the authenticated user is a Moderator. (Moderators can delete any post)

1. **Creation of Create Post and Edit Post pages, Soft Deletion of Post**

As mentioned in REQ-001, users who are authenticated should be presented with buttons on the main feed page to create, edit, and delete certain posts belonging to the user.

**Create Post Page**

When the authenticated user clicks on the ‘Create New Post’ button, they should be presented with a form that will enable them to create a new post.

* The page should present all fields to create the new post
* The fields should present appropriate validation.

**Edit Post Page**

When the authenticated user clicks on the ‘Edit’ button for a specific post, they should be presented with a form that will enable them to edit the post.

* The page should present all fields to create the new post
* The fields should present appropriate validation.

**Post Soft Deletion**

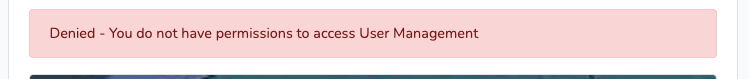
* When the authenticated user clicks on the ‘Delete’ button for a specific post, the post should be soft deleted.

1. **Add necessary Middleware to Prevent unauthorized access to User Administration Pages**

Create and implement a Laravel Middleware which checks whether or not the currently authenticated user has been assigned the User Administrator role. (Note: there is already an existing Middleware which checks where the user is authenticated)

If the user is deemed not to have the required role, then the user should be redirected back to the previous page from where they came, and a Session Flash message should be displayed informing the user that they do not have access to the requested page.

Example:



1. **Display Administration Links in NavBar**

For users who have been assigned the User Administrator role, a link should be displayed in the Navigation bar next to the logged in user’s name which will take the user to the User Administrator’s admin page.

Example:

A picture containing graphical user interface

Description automatically generated

# Instructions

1. **Don’t forget that a code review is part of this project. You will need to show your code to the instructor as part or your submission either in person or via a screen recording that you will provide. You will need to explain how the code works and complete the code review part of the rubric.**
2. ***Late submissions will be subject to the late penalties laid out in the course outline.***