Final Project: Social Networking Site
150 points

Version 1.0

due Friday, 18 December 2015, by 11:59 P.M. CT

Review the following assignment in its entirety prior to beginning. This may be completed individually or in groups up to three individuals.

Overview

Your team is presented with the task of building a data-driven website using HTML, PHP and CSS. This is a team project and all members of the team are expected to contribute equally to the project—there will be a team peer evaluation. Each team is tasked with the responsibility of building a new social networking site called UAtweetbook, which allows individuals to post messages up to 140 characters in length.

Project Specifications

The following items are requirements that must be completed for this project:

- Build a website that utilizes HTML, PHP, and MySQL

- Develop a consistent theme to be used throughout the website by utilizing CSS

- Consistent navigation across all pages must be included

- Users should have the ability to signup for the service

- Users should be able to post messages up to 140 characters in length

- People should be able to view profiles and see messages that an individual has posted

- Only authenticated users may post messages

- Users who post messages should have the ability to edit or delete those messages

ISYS 5453 (Graduate) Students

In addition to the above requirements, you will also need to incorporate the following functionality:

- Administrative privileges that enable administrators to manage users and content

- Allowing users to set their profile to be private to all other users except administrators

- Increased functionality to improve the user experience (e.g. AJAX)

Each of the teams will conduct a lightning presentation (1-2 minutes max) on Wednesday, December 16, 2015, that demonstrates basic functionality of the site. The final result must be uploaded by 11:59 pm on Friday, December 18, 2015.

Grading Criteria

The project will be graded based on the following criteria:

80	Functionality	Does the website work as expected? What is the depth of the functionality presented? Are all submission requirements complete?
40	Usability	Does the website present a consistent layout, design and navigation system that is easy to use?
30	Creativity and Value	Does the project present an approach that is creative or unique? What value does the website have for its users?

Deliverables

You will be responsible for delivering the following items:

1. Create a Project Overview document in Microsoft Word or PDF format with the following information:

    a. A listing of all members within your group, their roles/responsibilities throughout the project and an overview of the project itself

    b. A link to the website URL on the Linux server

    c. Account usernames and passwords to access the data files and MySQL database

    d. Usernames/passwords to use your website

    e. Hierarchy and navigation chart for the website that highlights where I need to start and access for testing purposes

    f. Entity relationship diagram (ERD) for the tables associated with this project to give an overview of the layout of the database tables

    g. Any information that would highlight key features

2. HTML/CSS/PHP code for the project

3. In-class short demonstration of the website