

# Web Development – Mr. Turner

## Project – What Are We Doing?

### Project Overview

The ***What Are We Doing?*** social media platform is a place for people to post their on the minute activities and thoughts. It's designed for quick access and easy posting. People can, at any moment, share their activities and their thoughts with the rest of the world while on the go.

### Display

The user interface for this page should be exceptionally simple. Ideally, it would be designed as a phone app, but this is a web class, so that's that.

- The What Are We Doing? page will need a login and registration.
- Your page will feature a Bulletin Board.
  - The Bulletin Board will show exactly 3 posts from other users at all times.
    - Each post will feature the user who posted it, the date and time of the post, and the content.
    - The user can click on the post if there is a link.
    - The user can like the post (you may add other reactions, too).
  - The Bulletin Board will have a shuffle button.
- The User Section is where you will make your posts and adjust your settings.
  - You can type in a few lines of text and submit your post.
  - You can set your priorities for how posts are chosen by checking checkboxes.
    - By date.
    - Never viewed before.
  - The page will feature a Submit button.
  - The page will feature a "Chaos" button.
  - The page will feature a "See My Posts" button.

### Functionality

The idea of *What Are We Doing?* is to give users quick information without having to scroll through a feed. When the page loads, it will choose 3 posts from its database. When choosing posts, it will pay attention to the settings made by the user.

You may keep track of the relevant data in any organized way.

The user data must include a username (unique to the web site) and a password.

### Creating a Post

- When a user creates and submits a post, that post must be saved to its own text file.

- The post must have a unique name.
- There must be an indication that the post belongs to the user.
  - You can put that into the post.
  - You can put that into the filename.
  - You can have a separate file with a list of posts belonging to that user.
- The post must be updated as other users react to it.

#### Setting Priorities

- The date checkbox indicates that you want to see the newest posts available.
- The Never Viewed Before checkbox indicates that the user only wants to see new posts.
  - This means that you will have to keep a list of all of the posts that the user has seen.

When the user clicks on the “Chaos” button, the system will choose 3 posts at random, completely ignoring any priorities that are set.

When the user clicks on the “See My Posts” button, the system will choose 3 posts at random from the user.

#### Enhancements

Create a Keywords priority.

- Add a Keywords checkbox.
- Add a list of keywords to the User Section.
  - Each Keyword should have an “X” next to it so that the user can remove the keyword from the list.
  - There should be a textbox and a button at the top of the list so the user can add keywords.
- Whenever posts are chosen for display, the system will check to see if any of the keywords from the list appear in that post. If not, it will look for other posts. If it cannot find anything (while still observing the other priorities), it will show posts as normal.

Create Priority Users

- Each post will have a mechanism (maybe a button) that allows the user to declare the person who wrote the post as a priority user.
- Add a checkbox to the priorities list for “Priority User”.
- If this checkbox is checked, the system will show *at least* one post from a priority user from the list.
- In the User Section, there should be a list of priority users.
  - Each priority user should have an “X” next to the name so they can be deleted from the list.