

CS 215 - Assignment 3

Documentation

Student Name: Bao Cao

Student ID : 200363431

Class Number : CS 215 - Web & Database Programming

URL : http://www2.cs.uregina.ca/~caoba200/Assignment3/tiles_homepage.html

Files Submitted :

Files which have been created for this assignment:

- button_events.js
- button_handler.js
- form_events.js
- form_validation.js
- post_events.js
- post_validation.js

Files which will be modified based on new javascript files above.

- tiles_homepage.html
- tiles_loginpage.html
- tiles_postrepostform.html
- tiles_signuppage.html
- tiles_userinfo.html

Files which are kept unchanged:

- style.css
- images which are used for the micro-blogging website.

The micro-blogging website can be accessed by the URL provided above or through my personal webpage <http://www2.cs.uregina.ca/~caoba200/> (Assignment 3 — Form Validation in CS 215 Assignments section).

Updates from Assignment 2:

1) button_events.js and button_handler.js

button_events.js adds event listeners for each button (like, dislike and repost) in tiles_homepage.html and tiles_userinfo.html and button_handler.js will handle these events. Every time a button is clicked, the event handler will check if the button is clicked before (by checking its background colour) and change its background colour to indicate the action is successful. After that, the event handler checks for the number comes with these buttons and update its value (for example: increase the number of likes or decrease it).

2) form_events.js and form_validation.js

These two files are used to validate the forms in tiles_loginpage.html and tiles_signuppage.html. The event which is used for these forms is “blur”. Therefore, when user enters invalid data and leaves the field, the field will be highlighted to indicate the error and suggest the correct format. When user types in the correct format and leaves the field, the highlight will disappear.

3) post_events.js and post_validation.js

These two files are used to validate user's post/repost in tiles_postrepostform.html. The functions of these javascript files are similar to form_events.js and form_validation.js, except when user focuses back to the text field and enters data, the highlight will disappear. In addition, these files provide the ability to count and update the number of characters which are entered to the text field and display it to user.