INFS3202/7202 Practical 8 - AJAX

You must present this practical to your lab tutor during your scheduled lab sessions in week 11 that starts 14/05/2012. The prac could be done either in the lab, or at home.

You may use either PHP or Java for this prac but it is recommended that you continue with the same server-side language that you used in Prac 7.

Task 1: Image Upload (1 Mark)

Modify your image upload page so that when an image is uploaded the image name and path are stored in the images table in your database (along with the id, entity_id and timestamp).

Task 2: Album Selection (3 Marks)

As required in task 3 of Prac 6 (also task 3 of Prac 7), "Drag-n-drop function will be only performed for the images on the same page. You are NOT required to drag the images from different pages to the same album".

For this task you will use AJAX to redesign the dynamic gallery page for album selection. You need add a feature that allows the user to drag-n-drop the images from different pages to the same album by using AJAX. For example, the selected album consists of two images, where one image is selected from the page 1 of the gallery and the other one is from the page 2 of the gallery.

Note: Next week we will be asking you to create a page to view all albums in the system, so please keep this mind when writing your code. It is recommended that you implement your code in an object-oriented manner to make this easier.

Task 3: Annotation Page (2 Marks)

Modify your image annotation form for individual images so that it also uses AJAX to submit the data.

When the data is submitted the server should add the relevant data to the "tags" table ("tag_id, tag) and the "entity table" (entity_id, tag_id) in the MySQL database and return the relevant tag info. The page should then clear the form and display all existing tags just above the submission button.