ISIT307 Assignment 3

To be started in: week 4

Due: by the date specified for the assignment 3 drobox in Moodle.

Description

The focus for this week is supprting entry of a single item (record). This should be an item for your faceted search collection. For example a book record if your major project senario is a library. Next week, this will be extended so that items entered in your form are saved to a file.

The purpose of this week's exercise is to practise the use of forms integrated with PHP. Your web application will support entry of multiple text fields, a *reset* (clear) button that clears data entered by the user, a *submit* button that allows a user to submit the form for processing. Your text fields will include at least one for string data and at least one for numeric data. Your application will respond to a form submit action by identifying all data field problems to the user (i.e. you application will perform data validation), and allow the user to immediately re-enter the incorrect data into the form before he or she attempts to submit it again (without having to enter the valid fields again). A successful form-submit will be followed by a web page that is appropriate for your web application. Your form will also make appropriate use of styles to look good.

Again, you need to integrate the above into a web application that makes sense for a user, ideally your major project scenario.

Marking Scheme

Your assignment must be uploaded into the corresponding Moodle dropbox. Your submission will be two files: (i) a PDF file that contains your code and a testing report that demonstrates a number of use cases (ii) a zip file of all your code. Ensure your code is readable i.e. indented properly in both the PDF and text code files. Use a fixed width font in the PDF. Change tabs to 3-4 spaces if needed. Code that is not easy to read will receive a lower mark.

Your web code should:
(i) produced web pages that look good through appropriate use of HTML/CSS (0.5 marks)
(ii) validate fields on the server (in PHP) (0.5 marks)
(iii) support sticky fields i.e. a user only needs to re-enter incorrect fields, as the other fields are preserved in the form (1.0 marks)
(iv) basic form + confirmation (1.0 marks)