UoG CS Dept. Prototype Website: Usage Information

0. Prerequisites

- Any recent version of an *x*AMP[P] stack, with the Web Server (e.g., 'Apache' + 'PHP') and Database Server (e.g., 'MySQL') components both being active. {Note: It would be best to have a PHP version at least $\geq 5.4.0$, and preferably at $7.0.x$ or higher.}

- Any modern web browser.

- The 'uog_cs_prototype' sample code folder placed into your stack's Web Root directory. (e.g., under `C:\xampp\htdocs\`).

- A database named 'uog_cs_prototype_db', populated by way of an **import** operation (e.g., via the PhpMyAdmin interface) from the 'uog_cs_prototype_db.sql' file.

1. Website Maintenance

- Via any modern web browser, navigate to 'localhost/**uog_cs_prototype/site_maint/**'.

- At the Login form: first, change the Operation at the top to be 'Sign Up' (if not already such); next, fill-in any memorable UserName (e.g., 'Admin') and Password (all characters are allowed, with no minimum length other than non-emptiness); then, click the 'Submit' button. Make sure that you see the message (at the bottom of the form): 'Account was created'.

- At the Login form again: first, change the Operation at the top to be 'Log In' (if not already such); next, fill-in the UserName and Password chosen above; then, click the 'Submit' button.

  Upon successful login, you will be redirected to the Site Maintenance "Master" page, with links to all of the Category Maintenance Web Forms.

- Each of the Category Maintenance Web Forms allows creating, updating and deleting the respective types of entities (Staff Members, Clubs, etc.).

  Note that the Category Maintenance Web Forms are very bare-bones, with no styling or theming whatsoever.

  Also note that, for an Update or Delete operation, the required ID value can be obtained by examining the 'Information' links in a displayed Category (List) Page {please refer to § '2. Website Display' below}. I.e., such a link would be of the form: '…/*‹category›*.php?**id=*‹id›***'; the required ID value would be the '*‹id›*' number at the end.

  Also note that only the 'Undergraduate' programme is currently implemented (e.g., the 'Graduate' programme, although there is an entry for it defined in the database, is not yet actually used). Thus, there is not yet a separate 'Programme Maintenance' Web Form, and the 'Course Maintenance' Web Form is somewhat limited in that only undergraduate courses can be managed.

  Lastly, note that for those Category Maintenance Web Forms that allow uploading files, a few

small "dummy" photo (image) and research-portfolio (PDF) files can be found in the 'client_files' sample folder.

2. Website Display

- Via any modern web browser, navigate to 'localhost/**uog_cs_prototype/site/**'.

- You will see the Site Display "Master" Page, with links to all of the Category (List) Pages.

- Each of the Category (List) Pages displays a dynamically-generated list of relevant item(s) as created / updated by the Site Maintenance subsystem {described in § '1. Website Maintenance'}. Each item is typically in a somewhat abbreviated format — typically, just the first one or two field(s), and then a '[Details:] Information' link that when clicked would display a new Item Details page/tab showing all the available details for that particular item.

  Note that the Category Pages (and Item Details Pages) are very bare-bones, with no styling or theming whatsoever.

  Also note, again, that only the 'Undergraduate' programme is currently implemented (e.g., as mentioned above, the 'Graduate' programme is not yet actually used). Thus, there is not yet a separate 'Programme(s)' Page, and the 'Course(s)' Page is somewhat limited in that only undergraduate courses are displayed.

  Lastly, note that navigation via these generated pages are currently somewhat limited in that there are not yet any explicit back-links {such as to allow returning directly to the Site Display "Master" Page, or a Category (List) Page}.