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| Institute of Technology Tralee  Server Side Development  Due Date: 1pm, 13th August, 2019  Value: 70% | LOGO2 |

Corresponding to Department policy, for every day late your grade will be reduced by 20%.

**You can use the same project as before BUT you need to improve on it demonstrating all of the elements outlined below.**

**You will be required to present this again in September.**

**Develop a Dynamic Web Site**

A small business has decided to develop a Web Site to support its other forms of marketing, to reach markets beyond the range of local promotion and to enable direct ordering of products and services.

The web site should establish and describe the business and should also facilitate the online viewing, insertion and deletion of information in its database.

**Example: Bookstore**

Add new books/orders

Retrieve all book and specific book details

Delete a book

Update book details

Purchase a book

**Instructions for Web Site Design** - marks will be assigned based on the inclusion of the following PHP elements and for general layout (based on last year’s web design module,) professionalism and originality.

The site should include the following PHP scripts which will access a database

1. Insert information into the database.
2. Retrieve information from the database and display fittingly (using the same general layout as other screens).
3. Delete information into the database.
4. Update information in the database.
5. Some form of processing i.e. rent a book, update stock level etc.

**Deliverables:**

1. Create a folder called SurnameForename.
2. Save your php and html files in here. (All the files from your project that are currently in the htdocs folder)
3. Make sure you have all the tables populated before you make your .sql file and add this to the folder also.

Create a word document that will act as a working manual for your project. It should outline:

1. The name of your database
2. The name of your .sql file
3. A quick explanation of your system and how it works
4. Where each element (insert, delete, select – not a simple select \* from book, update and some form calculation/processing) can be seen in your project, and how to get there.
5. A view of the data in your tables

What should be in your folder?

* html files, php files, image file etc
* .sql
* Word document

**How to Submit:**

1. Copy your folder to X:\lab\PHP Drop Box.
2. Email [anne.obrien@staff.ittralee.ie](mailto:anne.obrien@staff.ittralee.ie) once you have uploaded your project by the due date specified above and I will respond accordingly.
3. Your presentation date will be scheduled closer to the time.

IT IS YOUR RESPONSIBILITY TO MAKE SURE THE FILE IS UPLOADED CORRECTLY.

Any code taken from the web or elsewhere be it free or otherwise has to be referenced within the code, and any modifications made must be clearly marked. Failure to do this will result in a fail. Text and images also need to be referenced if they are not your own material. These references can be made in the code via comments.

**Grading Scheme**

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| --- | --- |
| Component | Mark |
| Layout & code & instructions | 15 |
| View (simple and complex) | 15 |
| insert | 10 |
| delete | 10 |
| update | 10 |
| Process | 35 |
| Presentation (mandatory) | 5 |