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| Institute of Technology Tralee  Subject: Dynamic Web Open Source Approach  Date: 12th December, 2014  Late submissions will be penalised. | BLACK SHADED NO TEXT |

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. Zip this folder.
4. Make sure you have all the tables populated before you make your .sql file.
5. Add the above zipped folder and your .sql file onto a cd.

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 on your cd?

1. Zip file
2. .sql
3. Word document

It is your responsibility to make sure everything is on the cd and works correctly. If I cannot run the project you will get 0.

Grading Scheme

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| --- | --- |
| Component | Mark |
| Layout & code & instructions | 15 |
| View (simple and complex) | 18 |
| insert | 14 |
| delete | 13 |
| update | 15 |
| Process | 25 |