Databases 4 – Assignment 2



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# Introduction

As part of our Databases 4 module we were required to develop an online system of our choice that uses a suitable framework and a MySQL database. The system was required to have several elements of functionality; allowing new users to register on the system, have multiple user types on the system with different privileges, generate reports that combine data from a number of tables within the database and use highcharts to visualize the reports or site activity for a proportion of our Computer Graphics module. Another requirement was that the MySQL database must be in 3rd Normal Form and that the database should display Store Procedures and Triggers to execute queries.

As this is a significant system to develop, James and I decided to join up to complete the assignment. Next, we started to plan our idea and we decided to create a Whiskey Blogging Site called “The Coopers Stash”. This website would have both administrative and user driven functionality. The administrator would be able to create new blog posts about certain whiskies etc. and publish these to allow the user to review the blog posts. Registered users would then be able to view the blog posts and comment on these posts should they wish to do so.

We then decided to divide out the work evenly to get maximum efficiency during the development process of the online system. Below is a break down of the work we each undertook:

|  |  |
| --- | --- |
| **Donal Crotty** | **James Nicholson** |
| Create Post Functionality | Wireframes and DB schema diagrams |
| Store Procedures | Highcharts visualization |
| Triggers | Reporting Functionality |
| Commenting on Posts | Routing of pages |
| Written Report (50%) | Written Report (50%) |
| Admin privileges environment | User privileges environment |
| DB Set up (50%) | DB Set up (50%) |

# Wireframes

# Database Schema

# Store Procedures

# Triggers

# Reports

# Conclusion