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Enterprise Information Systems assessment

Reflective Report and Individual Contribution

Student (s) Number as per your student card:

Tanvi Dhupkar - 10508427

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Topic Name: Developing an Aggregator Platform for B&B Units

Course Title: MSc in information system with computing.

Lecturer Name: Paul Laird

Module/Subject Title: Enterprise Information Systems

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| **Task** | **Contributor** |
| **Gathering Requirements:** | Tanvi Dhupkar and Nikhil Aasnikar |

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| **Proposal Document and Report:** | Tanvi Dhupkar and Nikhil Aasnikar |
| **GitHub Account Creation:** | Nikhil Aasnikar |
| **Website Template and UI:** | Tanvi Dhupkar |
| **Weather API:** | Nikhil Aasnikar |
| **Home Page:** | Tanvi Dhupkar and Nikhil Aasnikar |
| **OAuth:** | Tanvi Dhupkar and Nikhil Aasnikar |
| **SMTP:** | Tanvi Dhupkar and Nikhil Aasnikar |
| **FTP:** | Tanvi Dhupkar and Nikhil Aasnikar |
| **Design and Implementing DB:** | Tanvi Dhupkar and Nikhil Aasnikar |

What did I learn?

Our course module Enterprise Information Systems gives an expansive thought regarding the functionalities and Improvements of enterprise process by incorporation. This module has allowed us a chance to execute any enterprise systems. With this evaluation, we are applying our perspective and adding highlights to the framework. This causes us to learn the start to finish process of the enterprise system which we are executing. Initially, we conducted online research about the BNB association present in Ireland. Family Homes of Ireland, B&B Ireland, and B&B owners association are three major B&B business associations that provided booking options of all of Ireland B&Bs but during the study, we found out that there is no single aggregator platform which provides information about all registered, unregistered B&Bs in Ireland.

The basic requirements for this project are:

1. Administrator section for addition/modification of B&B’s
2. Weather indication of selected places in Ireland
3. Provision for B&B rating and comments for registered users
4. Provision for registered users to send queries to B&B owners

The programming language selected for the development of the project is PHP since the project only consist of simple online platform with minimal security measures and will not have any financial transactional aspects and for the backend we are using MySQL database because the number of B&B’s in Ireland is less than 25,000 since the amount of data is not huge MySQL is best suited database for this project. Other databases which are considered for this project are Postgre SQL and MongoDB but these are used when the database size is very large and also has performance issues considering its features. This assignment allowed me to test myself at creating work which showed the best of my ability, this made it enjoyable which allowed me to produce high quality work. Overall I am happy with how assignment went as it allowed me to experience and improve upon my team working skills.

This module gave us the opportunity to learn and get a hands-on expertise of the below mentioned technologies.

• CodeIgniter Framework

• Learning MVC architectural pattern

• Setting up MySQL Database

• PHP

• Integrating Google oAuth in our Web application

• Working with API’s (Weather API)

• SMTP

• FTP

• PHP mailer library