**Enterprise Framework Project 2012. Project Details.** The technical report will fully document the following areas:

o Background research and investigations.

o Project Plan.

Due care will be taken to accurately record details of which team member was assigned responsibility for each activity.

o Software development methodology employed.

o Requirements analysis.

o Use cases.

o Architecture/Design approach.

o Models (Class Models / Data Models etc.).

o Implementation of particular OOP constructs.

o Design patterns and architectural patterns implemented in the application.

o How cross-cutting concerns have been handled.

o Security of the application.

o Configuration of the application.

o Scalability of the application.

o Testing Approach (in terms of both functional and non-functional requirements).

o Other relevant features of the application (if used) e.g.,

use of client-side processing,

use of Ajax,

use of web services,

use of a workflow engine etc.

use of an ORM tool

use of dependency injection / IoC containers

etc.

In this project, the developed application will exhibit the traits and qualities associated with an enterprise application. How the qualities of an enterprise

level application have been achieved will be clearly documented. The rationale behind decisions made with regards to the various aspects of the project (e.g., choice of technology, choice of development methodology and choice of testing strategy) will also be clearly documented.

The requirement to prepare a presentation and demonstrate the developed application will be done during week 10

Theteam will develop a web application that handles holiday home bookings. The application will attempt to

1. maintain a database of holiday homes.
2. record vacancy/booked periods.
3. record associated costs with renting the holiday home.
4. provide details of contract terms.
5. provide location of holiday homes.

The application will also allow holiday home owners to register as site-users which will then give them the capability to submit the details of their holiday home on the website etc.