

CBS PROJECT SPECIFICATION

Title :- *Re-factoring WAD resources*

Introduction:-

The Web Applications Development (IB2A5) module contains up to 175 example files, although many are related to each other and many are variations to make certain teaching points. With so many files it is difficult to maintain them to a uniform standard of documentation, naming convention, style and structure.

The supporting web site for the module (<http://www.ib2a5.qsh.es/Home.aspx>) is the result of a significant redevelopment by a CBS student. This development achieved a number of useful objectives, but also left room for further work.

The Star Video web site is a good integrated application but could potentially be updated to a more current and motivating one, as well as incorporating a greater number of techniques from the module.

Further, the framework and toolset is continuously evolving, offering new techniques and features such as AJAX, other Framework 3.5 features, Linq, Adapters, Web Parts, SQL Server. At the same time the role of client-side scripts is reducing.

Problem / Objectives (from):-

1. Re-factor the module examples resources to a standardised and uniform form.
2. Update or replace StarVideo with an alternative application
3. Update and re-factor the module web site
4. Investigate additional the technologies and techniques and communicate their role by creating relevant and instructive examples and/or web site enhancements.
5. Bring the module documentation into line with the changes.

Notes:-

- There could be two student projects within this scope
- The student(s) should be confident with computer-computer programming and should be very successful 'graduates' of IB2A5.