

Dynamic Media Channel Website

Dynamic Website for TV Programs with Subscription Services
Graduation Project: Professional e-Commerce Diploma

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Outline: In this e-Commerce Diploma, we studied Website Development & Designing using HTML, IBM Web Sphere, Adobe Dreamweaver, and Microsoft Frontpage. We also studied Microsoft Access and SQL Databases. We also studied other supporting software such as Adobe Photoshop and Multimedia Tools. We also studied Windows Server, Active Directory DNS, and other advanced administrative server settings.

Project Outline: To harness our knowledge, it was required to develop a dynamic website, where there are front-end website programming, back-end programming and graphical user interface (user-side). Our group decided to prepare a media channel website.

Project Phases: The project began by scratching the different phases and windows of the website, before we began developing the website. These phases include:

- 1) Exploring different available dynamic websites for media channels, to outline key features.
- 2) Preparing the webserver settings for hosting the website and database.
- 3) Designing and developing the database and the relations between its tables: this database includes tables for users (staff & TV watchers) and programs & movies (title, presenters/actors, time & date, duration etc).
- 4) Designing and developing two interfaces (using HTML/Website Development Software as well as ASP to communicate with the database to post and get data) for the dynamic media channel website:
 - A) Media Channel Staff: the staff were required to login into the media channel website to enter the data for different programs (program titles / movie titles, presenters or actors & actresses, show times & dates, durations, etc).
 - B) Users: Users are required to register first before they can search/query by day, time, program/movie title, etc.
- 5) Website Testing: Although the website was hosted locally on a Windows Webserver, the testing is a continuous process to ensure that both interfaces are working fine as well as the server and database are working well.