Web Architecture Justification:

The architecture design we have decided to go with is the Web-based software architecture design. It is a three tier architecture design with the tiers being the Presentation layer, the Business layer and the database layer. The conclusion that this architecture was the best for the job was reached since:

1. The presentation layer is perfectly suited to host our User interface, static webpages and client side scripts from the webserver.
2. The business layer is can contain all out dynamic content, server side code and the complied source code.
3. The database layer is static and can store all the information we need in a logical and efficient format.

This design allows us to keep some static web pages but dynamically update the information displayed deepening on the user/client. This will allow us to create a more efficient and faster website.

LOGICAL DIAGRAM:

**Presentation Layer**

User browser

(Static + Dynamic)

And

Web server

(static + client side scripts)

**Database Layer**

**Business Layer**

Application server

(Server side scripts + code)