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Project Plan

Phase 1: Set up base layouts

Step 1.1: Create Database

Activity 1.1.1: Determine necessary fields

Activity 1.1.2: Setup basic structure

Activity 1.1.3: Implement cross table relations if necessary

Step 1.2: Create web page layouts

Activity 1.2.1: Determine site wide layout

Activity 1.2.2: Create CSS files to be externally referenced

Activity 1.2.3: Incorporate CSS into all of the web pages

Activity 1.2.4: Create necessary headers, footers, and navigation panes

Activity 1.2.5: Utilize headers, footers, and navigation panes externally

Step 1.3: Create class diagrams

Activity 1.3.1: Analyze all web pages and reference files

Activity 1.3.2: Determine and list all class and layout dependencies

Activity 1.3.3: Build diagram in Microsoft Visio

Phase 2: Add functionality

Step 2.1: Link web pages together

Activity 2.1.1: Form logical connections between the individual Web Pages

Activity 2.1.2: Create site layout relative to and influenced by the previous activity

Activity 2.1.3: Implement the Website page by page

Step 2.2: Set up queries.

Activity 2.2.1: Create a system of queries that allow the database and website to interact.

Activity 2.2.2: Associate the queries with the appropriate Web Pages

Step 2.3: Programming individual web pages

Activity 2.3.1: Generate individual web pages according to the necessary page requirements, the bulk of the work being web-based database management. (Base of pages only; CSS And other outside files already established)

Phase 3: Test Product

Step 3.1: Testing functionality

Activity 3.1.1: Test database queries apart from the website.

Activity 3.1.2: Test website functionality, including web page linking

Activity 3.1.3: Test web and query integration.

Activity 3.1.4: Test web to Database integration

Step 3.2: Tidy up web interface.

Activity 3.2.1: Adjust web-pages on an individual basis in order to create a uniform environment.

Activity 3.2.2: Remove any extraneous elements

Activity 3.2.3: Triple check against previous design ideas for any missing desired attributes or features.

Step 3.3: Set up accounts

Activity 3.3.1: Generate base Admin and user accounts

Activity 3.3.2: Instate important Admin Account powers

Activity 3.3.3: Create a test employee account in order to verify privileges

Step 3.4: Test Webpage Add Services

Activity 3.4.1: Test Add Item Page

Activity 3.4.2: Test Add Announcement Page

Activity 3.4.3: Test Add User Page

Activity 3.4.4: Test Add Campus Page

Activity 3.4.5: Test Add/Remove Department Page

Step 3.5: Test Webpage Edit Services

Activity 3.5.1: Test Edit Admin Account Page

Activity 3.5.2: Test Edit User Account Page

Step 3.6: Test Search and Report Services

Activity 3.6.1: Test Generate Report Page

Activity 3.6.2: Test Search Page

Step 3.5: Export to web server

Activity 3.5.1: Export created content to an external server

Activity 3.5.2: Ensure successful transfer

Activity 3.5.3: Error check possible server errors

Phase 4: Client Approval

Step 4.1: Show product to client

Activity 4.1.1: Showcase product to client

Activity 4.1.2: Allow some experimentation on the client’s part

Step 4.2: Explain product to client

Activity 4.2.1: Explain all basic features to the client

Activity 4.2.2: Explain in simplistic terms the Database interaction

Activity 4.2.3: Ask for potential suggestions or missed features

Step 4.3: Make minor modifications at client’s request