

## Step 1: Project Planning and Documentation

Before coding, let's structure the project properly and create a document to outline everything.

### 1.1 Project Overview

- **Project Name:** Northern Borders Health Cluster Website
- **Objective:** Build a website to manage hospital safety departments across 5 regions, allowing public access to view forms and reports, and authorized users to manage hospital sections.
- **Technologies:**
  - Frontend: HTML, CSS, JavaScript
  - Backend: PHP, MySQL
- **Target Audience:** General public (viewers), hospital staff/admins (managers).

### 1.2 Features

- **Public Features:**
  - View hospital details, safety departments, reports, and forms.
  - Interactive elements (e.g., forms to raise safety index).
- **Admin Features:**
  - Login system for authorized users.
  - Manage hospital sections (add/edit reports, models, subsections).
  - Permission system to grant access to specific users per hospital.

### 1.3 Database Structure

You'll need a MySQL database to store hospitals, safety departments, sections, and user permissions.

- **Tables:**
  - users (for login and permissions)
    - id, username, password, role (admin/staff), hospital\_id (foreign key)
  - hospitals (list of hospitals)
    - id, name, region
  - safety\_departments (one per hospital)

- id, hospital\_id (foreign key)
- sections (Safety Systems, Employee Training, etc.)
  - id, safety\_dept\_id (foreign key), name
- sub\_sections (custom subsections within sections)
  - id, section\_id (foreign key), title, content
- reports (files or text uploaded by admins)
  - id, section\_id (foreign key), title, file\_path/content, uploaded\_by (user\_id)