Islamic Studies Department Web Application - Project Checklist

Phase 1: Project Planning & Requirements

[ ] Define Project Goal & Target Users (Students & Teachers)

[ ] Feature List Finalize

[ ] Data Collection (Routine, Teacher Info, Syllabus, Notes)

Phase 2: UI/UX Design (Layout)

[ ] Color Scheme Select (Green/Navy/Golden)

[ ] Choose Fonts (Roboto / Inter)

[ ] Create Layout Design for: Home Page, About Department, Teacher Profiles, Routine Page, Syllabus Page, Result Page, Notice Board, Contact Page, Login/Register, Admin Dashboard

Phase 3: Tech Stack Setup

[ ] Choose Frontend: HTML + Tailwind / React

[ ] Choose Backend: Node.js + Express / Laravel

[ ] Choose Database: MongoDB / MySQL

[ ] Set up GitHub Repository

[ ] Set up Vercel / Netlify for frontend

[ ] Set up backend hosting (Render / Railway / cPanel)

Phase 4: Development (Module-wise)

[ ] Frontend: Navbar, Footer, Pages (Home, Teacher Cards, Routine, Notice, Syllabus, Contact), Responsive Design

[ ] Backend: Server Setup, API routes for teachers, routine, notices, results (protected), file uploads for notes

Authentication System

[ ] Login/Register for Students

[ ] Admin Login Panel (All Teachers are Admins)

[ ] Role-based Access Control

Islamic Studies Department Web Application - Project Checklist

[ ] Token-based or Session Authentication

Testing & Debugging

[ ] Form Validation Check

[ ] Responsive UI Test

[ ] Auth Route Protection Test

[ ] API Error Handling

[ ] Cross Browser Testing

Deployment & Final Setup

[ ] Deploy Frontend (Vercel/Netlify)

[ ] Deploy Backend (Render/Railway)

[ ] Connect Database (MongoDB Atlas/SQL)

[ ] Custom Domain Setup

[ ] Favicon & SEO Setup

Documentation & Handover

[ ] README.md with Project Overview

[ ] Admin Panel Manual

[ ] Deployment Instructions

[ ] Future Developer Notes

[ ] Backup Plan (DB Export / Code Zip)