

Project Overview

The Masjid Albukhary KL website is being developed to provide an online presence for the mosque, offering information, updates, and engagement opportunities for the community. Given the absence of an IT department, the entire development, including coding and design, is being handled independently.

Planned Features

1. Homepage: Introduction to the mosque, latest announcements, and prayer times.
2. About Us: Brief history and background of Masjid Albukhary.
3. Facilities: Overview of mosque facilities, including prayer halls, wudu areas, and community spaces.
4. Events & Programs: Updates on classes, lectures, and community activities.
5. Prayer Times: A dynamically updating section displaying accurate prayer times.
6. Video and Image Gallery:
 - Section for uploading videos of Yayasan Al-Tarmidhi (VAT) activities, linking to YouTube.
 - Section for uploading images of VAT activities.
7. Contact Page: Address details, map integration, and a contact form for inquiries.

Current Progress

- Design Phase: Tools and design framework selection is completed.
- Front-End Development: Underway, UI elements are being implemented.
- Back-End Development: Scheduled to begin post front-end completion.
- Deployment: Will follow after back-end completion and thorough testing.

Challenges and Considerations

- Single developer handling both design and development.
- Need for dynamic prayer time updates and content management.
- Ensuring smooth integration of YouTube videos and image uploads.

Next Steps

- Finalizing front-end UI implementation.
- Starting back-end development and database setup.
- Conducting testing before deployment.

Development Timeline

	Task Description	Start	End	Days
Design	Set up the tools and find the design	03/03/2025	03/07/2025	7 Days
Front end	Implementing the UI design using Vue.js/Nuxt 3, creating homepage sections, navigation bar, and integrating basic functionality such as dynamic prayer times and content sections. Ensuring that the website is fully responsive and mobile-friendly.	08/03/2025	15/03/2025	7 Days
Back end	Developing the core functionalities using Django, setting up the database for announcements, events, images, and prayer times. Implementing APIs for dynamic content updates, authentication for admin access, and CRUD operations for website management. Ensuring data security and performance optimization.	16/03/2025	30/03/2025	10 - 15 Days
Deployment	Developing the core functionalities using Django, setting up the database for announcements, events, images, and prayer times. Implementing APIs for dynamic content updates, authentication for admin access, and CRUD operations for website management. Ensuring data security and performance optimization.	01/04/2025	08/04/2025	7Days