

Final Year Design Project Proposal

E-Masjid System

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By

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(Evening)

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E-Masjid System

Abstract

In these days mosques in our area are facing problems in handling their daily routine activities. They keep donation records in manual registers and make announcements on speakers. Most people do not know where their money is used which creates trust issues. Also when someone wants to book certified nikah registrar for marriage, they have to go in person which is difficult and time taking. So we are developing a website where the person can schedule a nikah registrar online and user can see where their donations are being used. System will show the complete record of donations/charity and expenditures. The website will also show prayer times, announcements, events and people can request services like nikah registrar booking through this system. We are using the MERN stack technology. In the end we will have a working website that mosque can use for better management and people can access services daily.

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1. INTRODUCTION

Background

In our country, mosques are the place where parents send their children to get Islamic teaching related to our religion. Person of any age can come to mosque and ask questions for which they have doubt in their mind so the person gets the answers according to the Islam. Every town has one mosque that handles prayer schedule, organize religious events and collect donations. These days mosques manage their records in registers which become messy and can be destroyed by various causes. Also it is a very time consuming process to find the records on urgent bases. So there is a need of digital system where the records will be easily accessible and management of operations become easy.

Problem Statement

People who donate to the mosque do not know where their donations are used and how they are used. When families need nikah services, they face difficulties finding available nikah registrar quickly. People who are away from their area mosque do not get the updates what announcement and events are going to happen. Another big problem is using paper registers for keeping records. This method is slow and if register get lost or damaged, all important information is gone forever.

Stakeholders & Interests

Stakeholder	Description	Interest
Mosque Administration	People who manage mosque operations like imam and committee members	Good management of operations and transparent record keeping
Donors	Community people who give money to mosque for different causes	Send their donations and see how funds are being used
Community Members	Local people who regularly visit mosque for prayers and activities	View prayer times, announcements, and events, register for events, request services easily.
Religious Scholars	Qualified Islamic scholars who perform nikah ceremonies and religious duties	Manage availability for Nikah, share special prayer timings, avoid double-booking.

Objectives

- To make a web-based system for mosque management using MERN stack.
- To manage donations in a clear way with digital receipts and record of where money is spent.
- To show daily prayer times and special timings for Jummah and Ramadan.
- To make an event section for Islamic classes, charity and other community programs.
- To create an online system for booking nikah registrar for marriage.
- To give different access to admin and normal users for security and management.

Scope

- **In-scope**

1. Digital management of prayer times, schedules, and announcements
2. Transparent donation tracking and record keeping
3. Event creation and registration system
4. Online booking system for religious scholars/Nikah services
5. User authentication for admin and community members
6. Single mosque management system
7. Responsive web design for mobile and desktop

- **Out-of-scope**

1. Online payment gateway integration
2. Multi-mosque or multi-branch support
3. Automated SMS/email notification system

2. LITERATURE REVIEW

Related Work

There are some systems which are being used for churches that handle donation , events and prayer schedule. In Pakistan most mosque still use old methods like keeping records in register or making announcements on speaker. Some mosques use Google Forms for event registration or Excel sheets for donation tracking but there is no proper integrated system that provide everything in one place. Most existing Islamic applications focus only on prayer times and Qibla direction, they don't help in mosque management.

Gap Analysis

After checking existing solutions, we found several important gaps Firstly, we have seen that no system has been made for Pakistani mosque that handle situations like nikah registrar booking. Secondly, the current system do not give the financial transparency that people want. Our project fills these gaps by making an affordable, easy to use platform.

3. FYDP OVERVIEW

FYDP Title: E-Masjid System

Sr. No	Roll No	Name	Signature
1	089264	Dawood Ahmed	
2	089301	Haris Ehsan	

Table 1 Project Proposal Summary

FYDP Goals
To make digital platform for mosque management that make operations easy, give transparency in donations and make services accessible for community.
FYDP Objectives
Display and manage prayer timings
Create transparent donation tracking system
Organize community events and programs
Enable online Nikah service booking
Implement secure user role management
FYDP Success Criteria
This system will be considered as successful if
It shows records of donations.
It shows records of expenditures
People can organize events using the system
People can book nikah registrar using the system
Assumptions:
Mosque will use system
People have internet
Risks & Obstacles
Traditional people may resist new system
People face difficulty with technology
Internet problems
Organization Address: Government Graduate College Civil lines Sheikhupura
Target End Users Mosque administrators, committee members, community members, donors, families needing nikah registrar services
Suggested Project Supervisor: Muhammad Kamran
Approved By: Muhammad Kamran
Date: October 24, 2025

4. TOOLS, LIBRARIES AND TECHNOLOGIES WITH REASONING

Tools, Libraries, And Technologies	Tools	Version	Rationale
	VS Code	Latest	Primary code editor with good extensions for MERN development
	Libraries	Version	Rationale
	React.js , Express.js Pdfkit/jsPD , JWT	Latest	For building responsive design and creating RESTful APIs and handling server side logic.
	Technology	Version	Rationale
	React , Nodejs , JS , Express , Mongo DB	Latest	To build a complete web app

5. WORK DIVISION

Sr. No	Roll No	Name	Role Assignment & Work Division
1.	089264	Dawood Ahmed	Frontend & Backend
2.	089301	Haris Ehsan	Frontend & Backend

6. REFERENCES

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