

FUCHSIUS

Saddha Org Project SRS

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1. Introduction

1.1 Purpose

The purpose of this system is to create an interactive website that visually displays all U.S. states and the temples located in each state. Users can click a state on the map to view temple details for that state. The site aims to provide a visually appealing and easy-to-use interface while maintaining fast backend data access using Prisma.

1.2 Scope

The application will be web-based and accessible from desktop and mobile browsers. The key features include:

- **Map of USA** divided by states.
- **States divided by temples**
- Clicking a state displays a list of temples in that state.
- Clicking a temple shows detailed temple information.
- Pages: **Home, About, Contact, Map.**
- Backend uses **Prisma ORM** for database management.
- Frontend built using **React + CSS** for styling.

2. Overall Description

2.1 Product Perspective

The system will integrate a front-end interactive map (React) with a back-end data service (Node.js + Prisma) connected to a relational database. The map will visually represent states and dynamically load data from the backend.

- Display clickable **U.S. map**.
- Show **states** with hover effects.
- Show **temples in the selected state**.

- Show **temple details**: Name, Address, History, Images.
- Simple **About** and **Contact** pages.

2.2 User Types

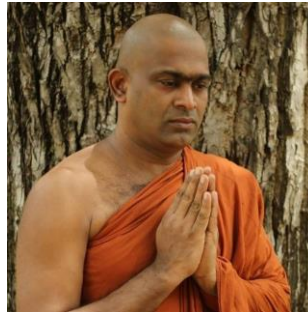
- **General Users**: Can view states and temple details.

3. Functional Requirements

3.1 User Features

- **Homepage**
- **About Page**
 - Display organization details.

Images:



- Provide information about the purpose of the temple map.
- **Contact Page**
 - Contact form (Name, Email, Message).

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- Store contact form submissions
- **Map Page**
 - Display all states in the USA.
 - Show temple markers within each state.
 - Clicking a state zooms in and displays its temples.
 - Clicking a temple shows its details (name, history, location, images).

2. Temple Information Management

- **View Temple Details (User)**
 - View description, history, and location on the map.

3. Map Interactivity

- **Zoom & Pan Map**
 - Allow users to zoom into states and move around the map.
- **Filter Temples by State**
 - Show only temples in the selected state.
- **Search Functionality**
 - Search temples by name or state.

4. System Architecture

Frontend: React (JavaScript, CSS).

Backend: Node.js, Express.js, Prisma ORM.

5. Non-Functional Requirements

- Performance
 - should respond to requests in less than 2 seconds.
- Reliability
 - System should recover from minor crashes and restart services.
- Maintainability
 - Well-structured code using modular architecture
- Usability
 - UI should be easy to navigate for users.
- Scalability
 - Should handle 100+ temples per state.

6. User Interface (UI)

Frontend UI Pages:

- Home page.
- About page:
- Contact Page
- Map

8. Milestones & Timeline

Tasks	Date
UI	
Frontend	
Backend	

