



★ Project Title - Lotus Shrine ★

Buddha Meditation & Prayer Web App - Documentation



Overview

This web application aims to bring a spiritual experience to users who are unable to physically travel to pagodas or monasteries. It allows users to virtually pray, meditate with guidance, listen to Paritta Suttas, and receive daily Dhamma teachings. The app emphasizes peace, accessibility, and a strong connection to Buddhist practices.



Features

1. 🏯 Virtual Pagoda Prayer

- Users can select a pagoda (e.g., Shwedagon, Kyaiktiyo).
- View pagoda from different angles and perspectives (POV mode).
- Audio background of bells, chanting, or silence.

2. 🧘 Meditation Timer + Guided Sessions

- Users select duration (5 / 10 / 20 mins).
- Includes calming visuals (candles, sunrise, nature).
- Guided audio with optional monk voice.
- AI posture detection using Google Teachable Machine:
 - Alerts if user is in incorrect meditation posture.
 - Real-time feedback via soft sound or gentle message.



3. 📅 Daily Dhamma Quote

- A new quote from Buddhist teachings is shown daily.
- Quotes stored in MySQL database. Multi-language support (Burmese, English).

4. 🎵 Custom Paritta Sutta Audio Player

- In-app audio player (like a mini Spotify for Suttas).
- Organized playlist of Suttas: Metta, Mangala, Ratana, etc.
- Controls: play, pause, next, previous.
- Optional: subtitle display (Pali + translations).
- Users can listen while browsing other app sections.

5. 🧘 Koe Na Win Dashboard (For Logged-In Users)

- **Personal Prayer Log:**
 - Tracks which pagoda the user prayed to and on what date.
 - Allows note-taking (e.g., "Prayed for my mother's health").
- **Meat-Free Day Reminders:**
 - Set and manage personal vegetarian observance days.
 - Send a gentle notification/reminder on those days.
- **Reflection Journal:**
 - Daily reflection on one of the Nine Virtues of the Buddha.
 - Option to mark virtues as "reflected" or "chanted."
- **Activity Calendar:**
 - Visual tracker with icons for prayer, meditation, and vegetarian days.
 - Tap on a date to view full activity and notes.



- **Private Data Handling:**

- All prayer history and reminders are stored securely.
 - Only accessible to the logged-in user.
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Technical Stack

◇ Frontend (Client-side)

1. **HTML** – Page structure
2. **CSS** (or **Tailwind CSS**) – Styling and layout
3. **JavaScript** – Core logic and interactivity
4. **JSX** – Used inside React components
5. **React.js** – Main frontend framework for building UI
6. **(Optional):**
 - **Three.js / Panolens.js** – For 3D or 360° pagoda views
 - **Framer Motion** – For animations and smooth transitions

◇ Backend (Server-side)

1. **PHP** – Handling logic, APIs, sessions, database interaction

◇ Database

1. **MySQL** – Data storage for prayers, users, pagodas, etc.
 - You'll also need to know **SQL** (query language for MySQL)
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User Privacy & Permissions

- Clear permission request for webcam access.
 - No video data stored or transmitted.
 - Option to turn posture detection ON/OFF.
 - Logged-in user data is securely stored and encrypted.
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Future Ideas

- User login to save progress and favorites.
 - Interactive Dhamma Q&A or quiz section.
 - Live stream blessings from monks.
 - Donation system for monasteries.
 - AR mode for immersive pagoda experience.
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Deployment

- Host on Netlify, Vercel, or custom server.
 - Responsive design for desktop and mobile.
 - Lazy loading for audio and images.
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Conclusion

This app offers a peaceful, spiritual digital space to meditate, pray, and stay connected with Buddhist practices no matter where the user is. It blends traditional values with modern technology in a respectful and user-friendly way.