KASINA Project Spec Sheet

Overview

Title: KASINA

Tagline: A 3D Visual Meditation Tool

Description: A vibe-coded contemplative web app that enables modern meditators to deepen their concentration using traditional kasina practices rendered as dynamic 3D visual orbs.

Tech Stack

Frontend: React.js + Tailwind CSS

3D Engine: Three.js for orb rendering

Backend: Node.js (Replit native environment), Express.js for routing

Database: Replit DB (MVP), Cloud storage for recordings

Form Integration: Formspree (for email-based login)

Auth System: CSV-based email whitelist for Substack premium user login

Platform: Replit.com

3rd Party Services:

- Substack (email export)

- YouTube (for embedded video content)

- Formspree (login form)

Platforms & Devices

Optimized For:

- Desktop and tablet web browsers

- Responsive mobile support (no native app)

- Chrome, Safari, Firefox (latest versions)

Core Features

Freestyle Kasina Mode:

- Choose from 10 Kasina Orbs:

- Color Kasinas: White (#FFFFFF), Blue (#0000FF), Red (#FF0000), Yellow (#FFFF00)

- Elemental Kasinas: Water, Air, Fire, Earth, Space, Light (each with specific effects)

- Timer Options: 1 min, 5 min, 10 min, 15 min, 20 min, Infinity (count-up mode)

Record & Share Sessions:

- Freestyle interface + record audio + screen (.webm)

- Download .webm files, upload to YouTube, submit to Community section

- Cloud storage: download/delete past recordings

Meditation Page:

- Introduction section (3 YouTube videos, 3-column layout)

- Curated Guided Meditations (embedded YouTube list)

- Community Generated Meditations (user submissions)

Practice Reflection:

- Pie chart: total practice time by kasina

- Log of sessions: kasina name, emoji, date, duration

App Layout (UI Design)
Login Page:

- KASINA logo + tagline + email input

Home Page:

- KASINA logo + tagline + 4 action buttons (Freestyle, Meditation, Recording, Reflection)

Freestyle Page:

- Orb selector (10 types), black background (#000000)

- Render visual kasina orb + timer control

Recording Page:

- Freestyle interface + recording panel (audio + screen)

- Cloud-based library of recordings (download/delete)

Reflection Page:

- Pie chart of practice

- Practice log (kasina, emoji, date, duration)