

# Project Cleanup — Walkthrough

## What Was Deleted

Category	Files Removed	Space Freed
Root markdown dev-notes	17	~90 KB
Logs & unused icons (build_log*.txt, error.log, services.ico, services.png)	5	~40 KB
Root animation/ folder (duplicate raw media dump)	21	<b>~30 MB</b>
dist/ (Vite build output, auto-regenerated)	many	build artifacts
public/faviconj.ico (typo duplicate)	1	~15 KB
public/screenshots/ (empty dir)	1	—

## Verification

✓ `npm run build` — **exited 0, zero errors.** No code references were broken.

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## Full Project Directory Structure

Below is every directory and file in the project, with what each contains and why it exists.

### Root Files

File	Purpose
<code>.env</code>	Environment variables (Clerk keys, Gemini API key, DATABASE_URL)
<code>.gitignore</code>	Git ignore rules
<code>.cursorignore</code>	Cursor editor ignore rules
<code>index.html</code>	Vite entry HTML — loads React app
<code>package.json</code>	Dependencies and npm scripts
<code>package-lock.json</code>	Locked dependency tree
<code>bun.lockb</code>	Bun lockfile (alternative to npm)
<code>server.js</code>	<b>Express backend</b> — API routes for community, chat, mentors, events, assessments
<code>SETUP.md</code>	Project setup instructions
<code>components.json</code>	shadcn/ui component config
<code>vite.config.ts</code>	Vite bundler config
<code>eslint.config.js</code>	ESLint rules
<code>postcss.config.cjs</code>	PostCSS config (Tailwind + Autoprefixer)

tailwind.config.cjs	Tailwind CSS theme & plugins
tsconfig.json	TypeScript base config
tsconfig.app.json	TypeScript config for app source
tsconfig.node.json	TypeScript config for Node/Vite files

### prisma/ — Database Layer

File	Purpose
schema.prisma	Database schema — defines <b>10 models</b> : User, Assessment, UserActivity, ChatMessage, MindfulnessGame, MoodEntry, MedicineAnalysis, JournalEntry, ChatRoom, Mentor, Event, EventRegistration
seed.js	Seed script to populate initial data (mentors, events)

### public/ — Static Assets (served as-is by Vite)

Path	Purpose
favicon.ico	App favicon
manifest.json	PWA manifest (app name, icons, theme)
robots.txt	Search engine crawling rules
sw.js	Service worker for offline/PWA support
placeholder.svg	Placeholder image
icons/README.md	Instructions for generating PWA icons
animation/	<b>Media files used by the Resources page ↓</b>

### public/animation/ — Resource Media

File	Used By
activity.json	Lottie animation in Navigation.tsx
system-regular-23-calendar-hover-calendar.json	Lottie calendar animation
bird.mp3	Audio resource (Mindful Meditation Music)
back.mp4	Background video
Inside Out - Emotional Intelligence.mp4	Movie resource
Inside Out.mp4	Movie resource
Thought Bubbles! For Anxiety & Worry..mp4	Movie resource
mindfulness-beginners.pdf	Book resource (PDF viewer)

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## locales/ — Internationalization (i18n)

Folder	Language
en/	English translations
hi/	Hindi translations
ks/	Kashmiri translations
or/	Odia translations

Each contains a `translation.json` file.

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## scripts/ — Utility Scripts

File	Purpose
<code>generate-icons.js</code>	Generates PWA icon sizes from source image
<code>setup-medicine-ai.js</code>	Sets up Medicine AI analysis environment

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## src/ — Application Source Code

This is the main codebase. Here's the breakdown:

### src/ Root Files

File	Purpose
<code>main.tsx</code>	React entry point — mounts the app
<code>App.tsx</code>	Root component — routing, providers, layout
<code>App.css</code>	Global app styles
<code>index.css</code>	Tailwind base + custom CSS variables
<code>i18n.ts</code>	i18next configuration for translations
<code>vite-env.d.ts</code>	Vite TypeScript declarations

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### src/pages/ — Route Pages (11 files)

File	Route / Purpose
<code>Landing.tsx</code>	<code>/</code> — Home/landing page
<code>About.tsx</code>	<code>/about</code> — About the platform
<code>Assessment.tsx</code>	<code>/assessment</code> — Mental health assessment entry
<code>Booking.tsx</code>	<code>/booking</code> — Session booking with mentors
<code>Chat.tsx</code>	<code>/chat</code> — AI chatbot page

Community.tsx	/community — Community hub (groups, mentors, events)
Journal.tsx	/journal — Journaling page
Resources.tsx	/resources — Media resources (audio, video, PDFs, books)
TestAI.tsx	/test-ai — AI assessment testing page
analyses.tsx	/analyses — Medicine analysis history
NotFound.tsx	* — 404 page

src/components/ — Reusable Components

Top-level components (14 files)

File	Purpose
Navigation.tsx	App navigation bar
UserDashboard.tsx	Main user dashboard with stats, activities, games
ChatBot.tsx	AI chatbot conversation component
Assessment.tsx	Assessment questionnaire component
DynamicAssessment.tsx	Dynamic AI-driven assessment
SmartAssessment.tsx	Smart assessment with adaptive questions
TakeAssessment.tsx	Full assessment flow
TestAIAssessment.tsx	Testing interface for AI assessments
FullReport.tsx	Detailed assessment report view
MedicineAI.tsx	Medicine image analysis with AI
PeerForum.tsx	Community peer discussion forum
ResourceHub.tsx	Resource discovery hub
OfflineIndicator.tsx	Offline status indicator (PWA)
PWAInstallPrompt.tsx	PWA install banner

src/components/ui/ — UI Primitives (57 files)

Built with **shadcn/ui** + **Radix UI**. Includes: button , card , dialog , tabs , toast , select , input , form , sidebar , sheet , carousel , chart , calendar , table , badge , accordion , dropdown-menu , context-menu , navigation-menu , popover , tooltip , progress , slider , switch , checkbox , radio-group , textarea , scroll-area , skeleton , separator , drawer , toggle , and more.

src/components/community/ — Community Features (4 files)

File	Purpose
GroupDiscussion.tsx	Group chat room component

MentorChat.tsx	1-on-1 mentor chat component
MentorLogin.tsx	Mentor authentication form
EventsList.tsx	Community events listing

src/components/journal/ — Journal Features (9 files)

File	Purpose
SvasthyaJournal.tsx	Main journal component
JournalEditor.tsx	Journal entry editor
RichTextEditor.tsx	Rich text editing with formatting
SimpleTextEditor.tsx	Plain text editor
CalendarView.tsx	Calendar view of journal entries
ImageUpload.tsx	Image upload for journal entries
StickerPalette.tsx	Sticker/emoji selector
TemplateSelector.tsx	Journal template chooser
VoiceRecorder.tsx	Voice recording for journal

src/components/mood/ — Mood Tracking (6 files)

File	Purpose
MoodTracker.tsx	Main mood tracking component
MoodCalendar.tsx	Calendar-based mood visualization
MoodSelector.tsx	Mood emoji/level picker
DateSelector.tsx	Date pick for mood entries
DayPopup.tsx	Day detail popup for mood calendar
CommentInput.tsx	Comment input for mood entries

src/components/ai/ — AI Assessment Engine (3 files)

File	Purpose
AIAssessmentEngine.tsx	Core AI assessment orchestrator
DynamicQuestionGenerator.tsx	Generates adaptive questions based on previous answers
DynamicScoringEngine.tsx	Scores assessment responses using AI

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src/contexts/ — React Contexts (5 files)

File	Purpose
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assessment-context.tsx	Assessment context type definitions + hook
AssessmentContext.tsx	Assessment state provider (wraps the above)
chat-context.tsx	Chat context type definitions + hook
ChatContext.tsx	Chat state provider + reducer logic
CommunityContext.tsx	Community state (rooms, mentors, events)

**src/lib/ — Core Libraries (5 files)**

File	Purpose
gemini.ts	Google Gemini AI integration (chat, analysis)
ai-assessment.ts	AI assessment scoring logic
aiAdvisoryService.ts	AI resource recommendation engine
api.ts	Backend API client (fetch wrappers)
utils.ts	General utility (cn classname merge)

**src/types/ — TypeScript Types (5 files)**

File	Purpose
assessment.ts	Assessment data types
chat.ts	Chat message / room types
dynamic-assessment.ts	Dynamic assessment types (questions, scoring, context)
journal.ts	Journal entry types
mood.ts	Mood entry types

**src/hooks/ — Custom Hooks (2 files)**

File	Purpose
use-mobile.tsx	Detects mobile viewport
use-toast.ts	Toast notification hook

**src/utils/ — Utilities (3 files)**

File	Purpose
cacheUtils.ts	Data caching for offline/PWA
journalStorage.ts	Journal entry local storage persistence
pwa.ts	PWA registration and update logic

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**src/data/ — Static Data (1 file)**

File	Purpose
journalData.ts	Journal templates and prompts

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**src/auth/ — Auth Pages (3 folders)**

Folder	Purpose
sign-in/	Clerk sign-in page
sign-up/	Clerk sign-up page
sign-out/	Clerk sign-out page

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**src/assets/ — Imported Assets (1 file)**

File	Purpose
hero-wellness.jpg	Hero image for landing page