Prevently.ai - Complete Technical Specification

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1. Project Overview

App Description and Vision

Prevently.ai is a comprehensive preventive healthcare platform that leverages Al to provide personalized health insights, medication management, and family health coordination. The app serves as a digital health twin, tracking user vitals, providing Al-generated health tips, and facilitating proactive health management.

Target Audience

- Health-conscious individuals aged 25-65
- Families seeking coordinated health management
- Patients with chronic conditions requiring medication tracking
- Users interested in preventive healthcare and wellness optimization

Core Value Proposition

- AI-Powered Personalization: Custom health tips based on user profile and health data
- Digital Health Twin: Comprehensive health modeling and risk assessment
- Family Health Hub: Coordinated health management for family members
- Preventive Focus: Emphasis on prevention rather than treatment
- Professional UI/UX: Liquid glass aesthetic with neumorphic design elements

2. Technical Architecture

Tech Stack with Versions

Frontend

• **Next.js**: 14.2.28 (App Router)

React: 18.2.0
 TypeScript: 5.2.2
 Tailwind CSS: 3.3.3

Framer Motion: 12.23.0 (animations)
Radix UI: Various components (2.x.x)

Backend & Database

Prisma ORM: 6.7.0PostgreSQL: Database

NextAuth.js: 4.24.11 (authentication)
bcryptjs: 2.4.3 (password hashing)

UI Components

• Radix UI Primitives: Complete component library

• Lucide React: 0.446.0 (icons)

• React Hook Form: 7.53.0 (form management)

• Zod: 3.23.8 (validation)

Charts & Visualization

• Chart.js: 4.4.9

• React Chart.js 2: 5.3.0

• Plotly.js: 2.35.3

• React Plotly.js: 2.6.0

• Recharts: 3.0.2

Additional Libraries

Date-fns: 3.6.0 (date manipulation)
React Hot Toast: 2.4.1 (notifications)
Zustand: 5.0.3 (state management)

• SWR: 2.2.4 (data fetching)

Project Structure



Database Schema

Core Tables

Users Table

```
model User {
                                   @id @default(cuid())
 id
                         String
  name
                         String?
                                   @unique
  email
                         String
  emailVerified
                         DateTime?
                         String?
  image
  password
                         String?
  // Onboarding fields
  onboardingCompleted
                         Boolean
                                   @default(false)
  dateOfBirth
                         DateTime?
  gender
                         String?
  height
                         Float?
  weight
                         Float?
  activityLevel
                         String?
  healthGoals
                         String[]
  medicalConditions
                         String[]
                         String[]
  allergies
  currentMedications
                         String[]
  // Preferences
  notificationsEnabled
                         Boolean
                                   @default(true)
  weeklyReportsEnabled
                         Boolean
                                   @default(true)
                         Boolean
  familySharingEnabled
                                   @default(false)
  aiPersonalizationLevel String
                                   @default("balanced")
  dataRetentionPreference String
                                   @default("standard")
  // Relations
  accounts
                         Account[]
                         Session[]
  sessions
                         HealthTip[]
  healthTips
  medications
                         Medication[]
  familyMembers
                         FamilyMember[]
  digitalTwinData
                         DigitalTwinData[]
  surveyResponses
                         SurveyResponse[]
  accountabilityPartnerships AccountabilityPartnership[]
  createdAt
                         DateTime
                                   @default(now())
  updatedAt
                         DateTime @updatedAt
}
```

HealthTip Table

```
model HealthTip {
 id
                   String
                           @id @default(cuid())
  userId
                   String
                  User
                           @relation(fields: [userId], references: [id])
  user
  title
                  String
  content
                  String
                           @db.Text
                           // nutrition, exercise, mental_health, sleep, hydration, ge
  category
                  String
neral
                  String
                           @default("medium") // low, medium, high, urgent
  priority
  isPersonalized
                  Boolean @default(false)
  viewed
                  Boolean @default(false)
                           // 1-5 star rating
  rating
                  Int?
  // AI and Expert Review
                 Boolean @default(false)
  aiGenerated
  expertReviewed Boolean @default(false)
  evidenceLevel
                  String? // Research quality indicator
  sourceUrls
                  String[] // Links to research/sources
  createdAt
                  DateTime @default(now())
  updatedAt
                  DateTime @updatedAt
}
```

Medication Table

```
model Medication {
 id
                         @id @default(cuid())
                String
                String
  userId
                         @relation(fields: [userId], references: [id])
               User
  user
  name
                String
  dosage
                String
  frequency
                String
                        // daily, twice_daily, weekly, as_needed
  timeOfDay
                String[] // morning, afternoon, evening, night
  instructions String?
  prescribedBy String?
  startDate
                DateTime
  endDate
                DateTime?
  status
                         @default("active") // active, paused, completed, discontinued
  // Tracking
  adherenceRate Float?
                       // Percentage of doses taken as prescribed
  lastTaken
               DateTime?
 nextDue
                DateTime?
                DateTime @default(now())
  createdAt
  updatedAt
                DateTime @updatedAt
```

DigitalTwinData Table

```
model DigitalTwinData {
              String
                     @id @default(cuid())
 userId
            String
             User
                      @relation(fields: [userId], references: [id])
 user
 bodySystem String // cardiovascular, nervous, respiratory, digestive, immune, en-
docrine
                     // Heart Rate, Blood Pressure, Stress Level, etc.
 dataType
            String
 value
            Float
 unit
            String
 riskLevel String @default("low") // low, moderate, high
  trend
            String @default("stable") // improving, stable, declining
  // Data source
          String? // manual, device, lab_result, app_sync
  source
  deviceId
            String?
  // Metadata
 notes
             String?
 isVerified Boolean @default(false)
 lastUpdated DateTime @default(now())
  createdAt     DateTime @default(now())
}
```

API Endpoints

Authentication

- POST /api/auth/signup User registration
- POST /api/auth/[...nextauth] NextAuth.js handlers

Health Tips

- POST /api/tips/generate Generate Al-powered health tip
- POST /api/tips/rate Rate a health tip
- POST /api/tips/generate-category Generate category-specific tip

Medications

- GET /api/medications Get user medications
- POST /api/medications Add new medication
- PUT /api/medications/[id] Update medication
- DELETE /api/medications/[id] Delete medication
- POST /api/medications/log Log medication taken

Family Management

- GET /api/family Get family members
- POST /api/family Add family member
- PUT /api/family/[id] Update family member
- DELETE /api/family/[id] Delete family member
- POST /api/family/accountability Create accountability partnership

Digital Twin

- GET /api/digital-twin/data Get digital twin data
- POST /api/digital-twin/data Add health data point

User Management

- GET /api/user/profile Get user profile
- PUT /api/user/profile Update user profile
- POST /api/user/water-intake Log water intake
- GET /api/user/settings Get user settings
- PUT /api/user/settings Update user settings
- POST /api/user/export Export user data
- DELETE /api/user/delete Delete user account

Surveys

• POST /api/surveys/complete - Complete survey

Insights

• POST /api/insights/feedback - Provide feedback on Al insight

Onboarding

• POST /api/onboarding - Save onboarding data

3. Feature Specifications

Core Features

1. User Authentication

- Demo Account: john@doe.com / johndoe123
- Secure Login: bcrypt password hashing
- Session Management: JWT-based sessions via NextAuth.js
- Registration Flow: Email/password with validation

2. Al-Powered Health Tips

- Personalized Generation: Tips based on user profile, health data, and preferences
- Categories: Prevention, nutrition, exercise, mental health, sleep, hydration, general
- Rating System: 1-5 star rating for tip quality
- Evidence-Based: Tips include evidence level and source URLs
- Fresh Content: Daily generation of new personalized tips

3. Digital Health Twin

- Body Systems Tracking: Cardiovascular, respiratory, nervous, digestive, immune, endocrine
- Risk Assessment: Low, moderate, high risk levels
- Trend Analysis: Improving, stable, declining trends
- Data Sources: Manual entry, device integration, lab results
- Visualization: Interactive charts and health model

4. Medication Management

- Comprehensive Tracking: Name, dosage, frequency, timing
- Adherence Monitoring: Track missed doses and adherence rates
- Smart Reminders: Time-based medication alerts
- Prescription Management: Prescriber information and instructions
- Status Tracking: Active, paused, completed, discontinued

5. Family Health Hub

- Family Member Profiles: Name, relationship, age, health summary
- Emergency Contacts: Designated emergency contact system
- Consent Management: Privacy and data sharing controls
- Accountability Partners: Mutual health goal support
- Sharing Levels: Basic, detailed, full health data sharing

6. Interactive Health Surveys

- Flo-Style Engagement: Modern, engaging survey interface
- Multiple Question Types: Scale, multiple choice, text, boolean, slider
- Daily Check-ins: Mood, energy, sleep quality assessments
- Al Insights: Generated insights from survey responses
- Progress Tracking: Historical survey data and trends

7. Knowledge Bank

- Clinical Studies: Evidence-based health information
- Expert Content: Professionally reviewed health articles
- Search Functionality: Find relevant health information
- Categorized Content: Organized by health topics

8. Settings & Preferences

- Dark Mode: System-wide dark theme support
- High Contrast: Accessibility mode for better visibility
- Notification Settings: Granular notification controls
- Privacy Controls: Data retention and sharing preferences
- Al Personalization: Adjustable Al recommendation levels

User Flows

Onboarding Flow

- 1. Personal Information: Age, gender, height, weight, emergency contact
- 2. **Medical History**: Conditions, allergies, surgeries, family history
- 3. Lifestyle Assessment: Activity level, sleep, diet, stress
- 4. Vital Signs: Heart rate, blood pressure, BMI
- 5. Health Goals: Primary goals, timeline, motivation

Daily Usage Flow

- 1. Dashboard Landing: Health score, streak, today's tip
- 2. Tip Interaction: Read, rate, generate new tips
- 3. Health Data Entry: Log vitals, symptoms, mood
- 4. **Medication Tracking**: Mark medications as taken
- 5. **Survey Completion**: Daily health check-ins

Family Management Flow

- 1. Add Family Member: Basic information and relationship
- 2. **Set Permissions**: Consent and sharing level configuration
- 3. Create Accountability: Set up mutual health reminders
- 4. Monitor Progress: View family health summaries

4. UI/UX Requirements

Design System

Liquid Glass Aesthetic

The app implements Apple's liquid glass design language with the following characteristics:

Core Glass Effects

```
.liquid-glass {
  background: rgba(255, 255, 255, 0.85);
  backdrop-filter: blur(20px) saturate(1.8);
  -webkit-backdrop-filter: blur(20px) saturate(1.8);
  border: 1px solid rgba(255, 255, 255, 0.3);
  box-shadow:
    0 8px 32px rgba(0, 0, 0, 0.1),
    inset 0 1px 0 rgba(255, 255, 255, 0.8),
    inset 0 -1px 0 rgba(255, 255, 255, 0.2);
}
```

Interactive Elements

```
.liquid-button {
  background: rgba(255, 255, 255, 0.9);
  backdrop-filter: blur(12px) saturate(1.4);
  border-radius: 12px;
  transition: all 0.2s ease;
}
.liquid-button:hover {
  transform: translateY(-2px);
  box-shadow: 0 8px 40px rgba(0, 0, 0, 0.12);
}
```

Neumorphic Design Elements

- Soft Shadows: Subtle depth with multiple shadow layers
- Rounded Corners: 12-16px border radius for cards and buttons
- Pressed States: Inset shadows for active elements
- Gradient Backgrounds: Subtle gradients for depth

Color Scheme

Light Mode

```
:root {
    --background: 0 0% 100%;
    --foreground: 240 10% 3.9%;
    --primary: 221.2 83.2% 53.3%;
    --secondary: 210 40% 96%;
    --muted: 210 40% 96%;
    --accent: 210 40% 96%;
    --border: 214.3 31.8% 91.4%;
}
```

Dark Mode

```
.dark {
    --background: 240 10% 3.9%;
    --foreground: 0 0% 98%;
    --primary: 221.2 83.2% 53.3%;
    --secondary: 240 3.7% 15.9%;
    --muted: 240 3.7% 15.9%;
    --accent: 240 3.7% 15.9%;
    --border: 240 3.7% 15.9%;
}
```

High Contrast Mode

```
.high-contrast {
    --background: 0 0% 0%;
    --foreground: 0 0% 100%;
    --primary: 0 0% 100%;
    --muted: 0 0% 20%;
}
```

Typography

- Font Family: System fonts (San Francisco, Segoe UI, Roboto)
- Font Weights: 400 (regular), 500 (medium), 600 (semibold), 700 (bold)
- Font Sizes:
- Headings: 2xl (24px), xl (20px), lg (18px)
- Body: base (16px), sm (14px)
- Captions: xs (12px)

Responsive Design

- Mobile First: Designed for mobile with desktop enhancements
- Breakpoints:
- sm: 640px
- md: 768px
- lg: 1024px
- xl: 1280px
- Grid System: CSS Grid and Flexbox for layouts
- Touch Targets: Minimum 44px for interactive elements

Animation System

- Framer Motion: Page transitions and component animations
- Micro-interactions: Hover states, button presses, loading states
- Breathing Animation: Subtle scale animations for emphasis
- Shimmer Effects: Loading state animations
- Spring Physics: Natural feeling animations

Accessibility Features

- High Contrast Mode: Enhanced visibility for users with visual impairments
- Focus Management: Clear focus indicators and logical tab order
- Screen Reader Support: Proper ARIA labels and semantic HTML
- Keyboard Navigation: Full keyboard accessibility
- Color Contrast: WCAG AA compliant color ratios

5. Component Architecture

Component Tree

```
App
  Layout
     — Navbar
      — ThemeProvider
    — AuthProvider
  Pages
     — AuthPage
      Dashboard
        ├─ DashboardClient
        ─ DailyTipCard
         — VitalsCard
         — StreakCard
         — MedicationReminder
        | WaterIntakeIndicator
       - DigitalTwin
        └─ TwinVisualization
       Tips
       └─ TipsClient
       - Medications
       └─ MedicationsClient
       - Family
       └─ FamilyClient

    KnowledgeBank

       └─ KnowledgeBankClient
       - Settings
        └─ SettingsClient
      - Onboarding
        ├─ OnboardingWizard
          PersonalInfoStep
         — MedicalHistoryStep
         — LifestyleStep
        ├── VitalsStep
└── GoalsStep

    UI Components

    NeumorphicCard
      NeumorphicButton
      — NeumorphicInput
      SurveyComponent

    AIInsightCard

     — DataImportModal
      BackButton
    └─ Radix UI Components
```

Reusable Component Specifications

NeumorphicCard

```
interface NeumorphicCardProps {
  children: React.ReactNode;
  className?: string;
  onClick?: () => void;
  variant?: 'default' | 'pressed' | 'elevated';
}
```

NeumorphicButton

```
interface NeumorphicButtonProps {
  children: React.ReactNode;
  onClick?: () => void;
  variant?: 'default' | 'primary' | 'secondary' | 'ghost';
  size?: 'sm' | 'md' | 'lg';
  disabled?: boolean;
  loading?: boolean;
}
```

SurveyComponent

```
interface SurveyComponentProps {
  survey: Survey;
  onComplete: (answers: Record<string, any>) => void;
  onClose: () => void;
}
```

AllnsightCard

```
interface AIInsightCardProps {
  insight: AIInsight;
  onFeedback: (insightId: string, helpful: boolean) => void;
  className?: string;
}
```

State Management Patterns

Local State

- useState: Component-level state for UI interactions
- useEffect: Side effects and data fetching
- useReducer: Complex state logic (survey responses, onboarding)

Global State

- Zustand: Lightweight state management for user preferences
- SWR: Server state management and caching
- React Context: Theme and authentication state

Form Management

- React Hook Form: Form state and validation
- Zod: Schema validation
- Formik: Complex multi-step forms (onboarding)

6. Setup Instructions

Prerequisites

- Node.js 18.x or higher
- PostgreSQL database
- Yarn or npm package manager

Environment Variables

Create .env.local file:

```
Database
DATABASE_URL="postgresql://username:password@localhost:5432/prevently_db"

# NextAuth.js
NEXTAUTH_URL="http://localhost:3000"
NEXTAUTH_SECRET="your-secret-key"

# AI Service
ABACUSAI_API_KEY="your-abacus-ai-api-key"

# Optional: External integrations
GOOGLE_CLIENT_ID="your-google-client-id"
GOOGLE_CLIENT_SECRET="your-google-client-secret"
```

Step-by-Step Setup

1. Clone and Install Dependencies

```
# Clone the repository
git clone <repository-url>
cd prevently-ai/app

# Install dependencies
yarn install
# or
npm install
```

2. Database Setup

```
# Generate Prisma client
npx prisma generate

# Run database migrations
npx prisma db push

# Seed the database with demo data
npx prisma db seed
```

3. Development Server

```
# Start development server
yarn dev
# or
npm run dev
```

4. Build for Production

```
# Build the application
yarn build
# or
npm run build

# Start production server
yarn start
# or
npm start
```

Database Seeding

The seed script creates:

- Demo user: john@doe.com / johndoe123
- Sample medications (Vitamin D3, Omega-3)
- Health tips across all categories
- Family members with different relationships
- Digital twin data for all body systems
- Sample surveys and responses
- Accountability partnerships

Development Tools

- ESLint: Code linting with Next.js configuration
- TypeScript: Strict type checking enabled
- Prettier: Code formatting (via ESLint plugin)
- Prisma Studio: Database GUI (npx prisma studio)

7. Critical Fixes Implemented

Authentication Issues

Problem: Black screen on login, session management failures **Solution**:

- Implemented proper NextAuth.js configuration with JWT strategy
- Added session callbacks for user ID persistence
- Fixed credential provider validation
- Added proper error handling for auth failures

UI Visibility Problems

Problem: Components not rendering, styling conflicts

- Fixed CSS class conflicts between Tailwind and custom styles
- Implemented proper z-index layering for modals and overlays
- Added fallback styles for unsupported backdrop-filter
- Fixed responsive design breakpoints

TypeScript Errors

Problem: Type mismatches, missing interfaces

Solution:

- Created comprehensive type definitions in lib/types.ts
- Fixed Prisma client type imports
- Added proper prop interfaces for all components
- Implemented strict TypeScript configuration

Performance Optimizations

Problem: Slow page loads, unnecessary re-renders

Solution:

- Implemented SWR for efficient data fetching and caching
- Added React.memo for expensive components
- Optimized image loading with Next.js Image component
- Implemented lazy loading for non-critical components

Database Connection Issues

Problem: Prisma client connection failures

Solution:

- Fixed Prisma schema configuration for production
- Added proper connection pooling
- Implemented database connection retry logic
- Added environment-specific database URLs

Mobile Responsiveness

Problem: Poor mobile experience, touch targets too small

Solution:

- Implemented mobile-first responsive design
- Increased touch target sizes to 44px minimum
- Added proper viewport meta tags
- Optimized animations for mobile performance

Accessibility Improvements

Problem: Poor screen reader support, keyboard navigation issues

Solution:

- Added proper ARIA labels and roles
- Implemented logical tab order
- Added high contrast mode support
- Fixed color contrast ratios for WCAG compliance

8. API Integration

AI Tips Generation System

Abacus.Al Integration

```
const response = await fetch('https://apps.abacus.ai/v1/chat/completions', {
    method: 'POST',
    headers: {
        'Content-Type': 'application/json',
        'Authorization': `Bearer ${process.env.ABACUSAI_API_KEY}`,
    },
    body: JSON.stringify({
        model: 'gpt-4.1-mini',
        messages: [{ role: 'user', content: prompt }],
        response_format: { type: "json_object" },
        temperature: 0.7,
        max_tokens: 500,
    }),
});
```

Personalization Algorithm

Tips are personalized based on:

- User age, gender, health conditions
- Current medications and allergies
- Lifestyle factors (activity level, sleep, stress)
- Previous tip ratings and preferences
- Digital twin health data

Content Quality Assurance

- Evidence-based recommendations only
- Source URL validation
- Expert review flags
- User rating feedback loop
- Content moderation for safety

External Service Integrations

Health Data Sources

- Manual Entry: User-input health data
- Device Integration: Fitness trackers, smart scales
- Lab Results: Import from healthcare providers
- App Sync: Integration with health apps

Notification Services

- Email: Weekly health reports
- Push Notifications: Medication reminders
- SMS: Emergency contact alerts
- In-App: Real-time health insights

Authentication Flow

NextAuth.js Configuration

```
export const authOptions: NextAuthOptions = {
 providers: [
    CredentialsProvider({
     name: 'credentials',
      credentials: {
        email: { label: 'Email', type: 'email' },
        password: { label: 'Password', type: 'password' },
      },
      async authorize(credentials) {
        // Validation and authentication logic
      },
   }),
  ],
  session: { strategy: 'jwt' },
  pages: { signIn: '/' },
  callbacks: {
    async jwt({ token, user }) {
      if (user) token.id = user.id;
     return token;
    async session({ session, token }) {
      if (session.user) session.user.id = token.id as string;
      return session;
    },
  },
};
```

Data Validation and Error Handling

Input Validation

- Zod Schemas: Type-safe validation for all inputs
- Sanitization: XSS prevention and data cleaning
- Rate Limiting: API endpoint protection
- CSRF Protection: Built-in Next.js CSRF protection

Error Handling

9. Testing Requirements

Unit Testing

• Jest: Testing framework for utility functions

- React Testing Library: Component testing
- Coverage Target: 80% code coverage minimum

Integration Testing

- API Route Testing: Test all endpoint functionality
- Database Testing: Prisma operations validation
- Authentication Testing: Login/logout flows

End-to-End Testing

- Playwright: Full user journey testing
- Critical Paths:
- · User registration and onboarding
- Daily tip generation and rating
- · Medication tracking workflow
- · Family member management
- Survey completion flow

Performance Testing

- Lighthouse: Performance, accessibility, SEO scores
- Load Testing: API endpoint stress testing
- Mobile Performance: Touch responsiveness testing

User Acceptance Criteria

Dashboard Functionality

- [] User can view personalized health dashboard
- [] Daily tip displays with rating capability
- [] Health score and streak are visible
- [] Water intake tracking works correctly
- [] Medication reminders appear when due

Onboarding Process

- [] New user can complete 5-step onboarding
- [] All form validation works correctly
- [] User profile is created successfully
- [] Initial health data is saved

Family Management

- [] User can add family members
- [] Consent and sharing levels work
- [] Accountability partnerships function
- [] Emergency contact system works

AI Tips System

- [] Tips generate based on user profile
- [] Rating system functions correctly
- [] Fresh tips appear daily
- [] Evidence sources are provided

10. Deployment Specifications

Production Environment Setup

Hosting Requirements

- Platform: Vercel, Netlify, or AWS
- Node.js: 18.x or higher
- Database: PostgreSQL (managed service recommended)
- CDN: For static asset delivery

Environment Configuration

```
Production Environment Variables
NODE_ENV=production
DATABASE_URL="postgresql://prod_user:password@prod_host:5432/prevently_prod"
NEXTAUTH_URL="https://prevently.ai"
NEXTAUTH_SECRET="production-secret-key"
ABACUSAI_API_KEY="production-api-key"
```

Build Configuration

```
// next.config.js
const nextConfig = {
  output: 'standalone',
  images: { unoptimized: true },
  eslint: { ignoreDuringBuilds: false },
  typescript: { ignoreBuildErrors: false },
};
```

Database Migration Strategy

- 1. Backup: Create database backup before deployment
- 2. **Migration**: Run prisma db push or prisma migrate deploy
- 3. Seeding: Optional production data seeding
- 4. Verification: Test database connectivity and queries

Monitoring and Logging

Application Monitoring

- Error Tracking: Sentry or similar service
- Performance Monitoring: Real user monitoring
- Uptime Monitoring: Health check endpoints
- Database Monitoring: Query performance tracking

Logging Strategy

- Structured Logging: JSON format for log aggregation
- Log Levels: Error, warn, info, debug
- Sensitive Data: Exclude PII from logs
- Retention: 30-day log retention policy

Security Considerations

Data Protection

• Encryption: All sensitive data encrypted at rest

• HTTPS: SSL/TLS for all communications

• API Security: Rate limiting and authentication

• GDPR Compliance: Data export and deletion capabilities

Privacy Controls

• Data Minimization: Collect only necessary data

• Consent Management: Granular privacy controls

• Data Retention: Configurable retention periods

• Anonymization: Option to anonymize health data

Backup and Recovery

Database Backups

• Frequency: Daily automated backups

• Retention: 30-day backup retention

• Testing: Monthly backup restoration tests

• Geographic Distribution: Multi-region backup storage

Disaster Recovery

• RTO: 4-hour recovery time objective

• RPO: 1-hour recovery point objective

• Failover: Automated failover procedures

• Communication: Incident response plan

Conclusion

This comprehensive specification provides everything needed to rebuild the Prevently.ai app in Cursor IDE. The application represents a modern, Al-powered healthcare platform with a focus on prevention, family coordination, and user engagement through beautiful UI/UX design.

Key implementation highlights:

- Modern Tech Stack: Next.js 14, React 18, TypeScript, Prisma
- Al Integration: Personalized health tips via Abacus.Al
- Professional Design: Liquid glass aesthetic with neumorphic elements
- Comprehensive Features: Digital twin, medication tracking, family hub
- **Production Ready**: Authentication, security, accessibility, performance

The app is currently functional and launch-ready, with all critical issues resolved and a complete feature set implemented.