

SRS: Software Requirements Specification for Triksha Website

1. Functional Requirements

1.1 Landing Page

- Clear brand positioning: "Triksha – Intelligent Health Prediction System"
- Tagline and product value proposition
- Hero section with CTA: "Pre-order Now" / "Join Waitlist"
- Keep a place for (Brief intro video or animated explainer)

1.2 About Triksha

- What Triksha does (real-time AI health monitoring)
- What health problems it solves (early risk detection, personalized alerts)
- Supported metrics: HR, HRV, stress, sleep, BP, glucose, etc.
- Keep place for this(Visuals: sample alerts, dashboard mockups, sensor photos)

1.3 Features Page

- Highlight core technical strengths: Hybrid AI, personalized thresholds, medical data integration
- Use cases: Athlete, Elderly, Diabetic, Fitness users

1.4 Trust-Building Elements

- Testimonials from early testers (can be simulated or placeholder)
- Founding team section with photos and backgrounds
- Backed by real science: mention your models and algorithms
- Security + data privacy commitment
- Timeline of development and milestones

1.5 Pre-Order Flow

- Login page :
 - Name, email, phone
 - Age group / use case preference (optional)
- Email confirmation after sign-up
- "Reserve Now" button
- payment gateway integration for deposit Razorpay
- Provide clear confirmation of successful pre-order.

- Handle pre-order cancellations/refunds

1.6 Blog / Updates

- Updates on development
- Collect email addresses for newsletters/updates
- Link to social media, press mentions
- Articles on AI in health, stress detection, etc.

1.7 Contact Page

- Support email
- Include clear **Terms & Conditions** and a **Privacy Policy** related to pre-orders.
- FAQ section (How it works, refund policy, delivery date)

1.8 Admin Porta

- Dashboard to view incoming pre-orders.
 - Ability to manage pre-order details.
 - Export pre-order data.
-

2. Non-Functional Requirements

2.1 Performance

- Website loading time
- Mobile-first responsive design

2.2 Scalability

- Able to handle 10000 concurrent visitors during peak marketing campaigns

2.3 Security

- HTTPS with SSL
- Secure handling of pre-order data and optional payments
- Data encryption for user information and payment details
- Protection against common web vulnerabilities
- Secure authentication for admin users

2.4 Maintainability

- Easily updatable by the marketing team
 - CMS integration or simple admin panel (for blog/news)
-

3. System Requirements

- **Frontend:** React.js / Next.js / Vue.js
 - **Backend:** Node.js / Express / Firebase
 - **Database:** MongoDB
 - **Payment Gateway:** Razorpay,
 - **Hosting:** Vercel, Netlify, or AWS
 - **Email service:** Hostinger / Azure / AWS SES
-

4. Success Metrics

- Conversion rate (landing → pre-order)
 - Number of verified leads
 - Time spent on site
 - Bounce rate
-

Output Deliverables for Development

- High-fidelity UI mockups (Figma)
- Pre-order flow wireframe
- Backend schema
- Copywriting: headline, features, story
- Terms & Privacy Policy