

<b>PROBLEM</b> An ML model to analyze patient data and predict the likelihood of developing chronic diseases such as diabetes, heart disease, or cancer. The solution should also provide personalized health recommendations to improve patient outcomes and well-being.	<b>SOLUTION</b> <ul style="list-style-type: none"><li>- ML-powered health risk prediction system.</li><li>- Gemini-based AI health assistant.</li><li>- Dashboard for tracking health trends.</li></ul>	<b>UNIQUE VALUE PROPOSITION</b> "Your personalized health companion: Predict. Prevent. Perform better." <ul style="list-style-type: none"><li>- Combines machine learning + Gemini AI + visual dashboards.</li><li>- Full offline support (LAN-ready).</li></ul>	<b>UNFAIR ADVANTAGE</b> <ul style="list-style-type: none"><li>- Use of AI assistant with historical personal data.</li><li>- Live risk assessment with visual insights.</li><li>- Local server/LAN mode without cloud dependency.</li></ul>	<b>CUSTOMER SEGMENTS</b> <ul style="list-style-type: none"><li>- Health-conscious individuals.</li><li>- Medical students or interns.</li><li>- College evaluators / project reviewers.</li><li>- Future: Clinics or NGOs.</li></ul>
<b>EXISTING ALTERNATIVES</b> <ul style="list-style-type: none"><li>- Manual checkups at clinics.</li><li>- Health apps without prediction or ML.</li><li>- Static BMI/glucose calculators.</li></ul>	<b>KEY METRICS</b> <ul style="list-style-type: none"><li>- Number of predictions made.</li><li>- Risk score improvement over time.</li><li>- Chatbot usage frequency.</li><li>- User login count.</li></ul>		<b>CHANNELS</b> <ul style="list-style-type: none"><li>- College project showcase.</li><li>- LAN-based deployment for demo.</li><li>- Future: Community health centers or telemedicine platforms.</li></ul>	
<b>COST STRUCTURE</b> <ul style="list-style-type: none"><li>- Free APIs (Gemini, Chart.js).</li><li>- Local server + MySQL setup.</li><li>- One-time model training.</li><li>- Optional: Hosting cost (if cloud).</li></ul>			<b>REVENUE STREAMS</b> <ul style="list-style-type: none"><li>- Premium AI chatbot features.</li><li>- Subscription for clinics.</li><li>- Advertisements in the UI.</li><li>- Data analysis services</li></ul>	

