

## 💡 Brainstorming – HealthAI Project

During the ideation phase of HealthAI, several **ideas and approaches** were explored to solve the problem of limited access to reliable and personalized medical information.

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### 🔍 Key Questions We Asked:

- How can we help users get health information quickly and safely?
  - Can an AI assistant act like a first line of medical support?
  - How do we visualize health data to make it useful and understandable?
  - What features would make users trust and repeatedly use this system?
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### 📋 Ideas Explored:

Idea	Description	Outcome
<b>Symptom Checker</b>	Input-based system suggesting diseases	✅ Integrated into Disease Prediction
<b>Medical Chatbot</b>	Chat-style interface to answer health questions	✅ Implemented as Patient Chat
<b>Treatment Recommender</b>	Provide actionable plans based on condition	✅ Integrated as Treatment Plan Generator
<b>Visual Health Dashboard</b>	Display trends in vitals like BP, HR, glucose	✅ Developed using Plotly in Health Analytics
<b>Voice-enabled Queries</b>	Use speech input/output for accessibility	📅 Future enhancement
<b>Doctor Connection Feature</b>	Suggest nearby clinics or telemedicine	❌ Not included in initial scope