**Project Design Phase**

**Problem – Solution Fit**

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| Date | 27 June 2025 |
| Team ID | LTVIP2025TMID59561 |
| Project Name | HealthAI: Intelligent Healthcare Assistant Using IBM Granite |
| Maximum Marks | 2 Marks |

A screen shot of a diagram

AI-generated content may be incorrect.**Problem – Solution Fit:**

-> Patients with chronic conditions (e.g., diabetes, hypertension)

->Caregivers managing patient health records

->Limited technical knowledge

->Budget constraints (especially for premium services)

->Accessibility issues in rural areas

->**WebMD / Online forums:** Widely available, but low reliability

**->Doctor visits:** Reliable but time-consuming and limited availability

->Healthcare system overload and inaccessibility

->Lack of personalized, real-time interpretation of health data

->Misinformation online due to non-expert sources

->Fragmentation of patient data across systems

->Users search symptoms on Google regularly

->Moderate adoption of health tracking apps

->Increasing interest in self-care and wellness insights

->High engagement during health scares (e.g., post-COVID awareness)

->Lack of access to reliable, timely medical advice (frequent)

->Difficulty interpreting health reports and metrics (common)

->Overwhelmed by unverified online health information (very common)

->Inconsistent patient tracking across different devices (frequent)

HealthAI: A virtual healthcare assistant that:

->Offers chat-based, medically grounded consultations

->Generates treatment plans and preventive care suggestions

->Visualizes health data for better decision-making

->Consolidates patient data and insights into one intuitive dashboard

->Search engines (Google, Bing)

->Health forums and blogs

**->Before:** Confused, anxious, helpless, uncertain  
**->After:** Informed, reassured, empowered

->Clinics, hospitals

->Pharmacy discussions

->Community health workshops

->Experiencing unusual symptoms

->Doctor unavailable or too expensive

->Wanting preventive health checkups or insights

References:

1. <https://www.ideahackers.network/problem-solution-fit-canvas/>
2. <https://medium.com/@epicantus/problem-solution-fit-canvas-aa3dd59cb4fe>