

Project Design Phase


Problem – Solution Fit Template

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 **Date:** 15 February 2025





 **Team ID:** LTVIP2025TMID34281

 **Project Name:** HealthAI: Intelligent Healthcare Assistant Using IBM Granite

 **Maximum Marks:** 2 Marks

Problem – Solution Fit Template : HealthAI solves a frequent and urgent problem: lack of easy access to valid healthcare information and insights. It taps into the existing behavior of users searching for medical information online and replaces it with a credible, AI-powered platform.

Purpose :

-  Solve complex health-related problems using intelligent and accessible AI assistance
-  Increase solution adoption by reflecting how users already seek medical information online
-  Improve communication using conversational chat and visual analytics
-  Build user trust with consistent, evidence-based responses

Health AI Problem–Solution–Fit Template		
CS CUSTOMER SEGMENTS	CUSTOMER SEGMENTS (CS) Who are your target users? e.g. elderly individuals with chronic conditions, rural patients with limited access to healthcare, or caregivers of Alzheimer's patients.	JOBS-TO-BE-DONE / PROBLEMS (J&P) What specific health challenges do they face? e.g. medication adherence, early diagnosis, appointment management, lifestyle monitoring.
TR TRIGGERS	TRIGGERS (TR) What drives users to seek a solution? e.g. worsening symptoms, hospital readmission, advice from a physician or caretaker.	EMOTIONS: BEFORE / AFTER (EM) How do they feel before the solution vs. after? e.g. digital literacy, cost, lack of smartphones, unreliable internet.
CC CONSTRAINTS	CUSTOMER CONSTRAINTS (CC) What obstacles might prevent them from accessing help? e.g. digital literacy, cost, lack of smartphones, unreliable internet.	BEHAVIOUR (BE) What do users do to manage their health problems? e.g. rely on memory for meds, ask family members for help.
RC PROBLEM ROOT CAUSE	PROBLEM ROOT CAUSE (RC) What's the deeper reason this problem exists? e.g. lack of awareness, systemic inefficiencies.	CHANNELS OF BEHAVIOUR (CH) 8.1 Online: <ul style="list-style-type: none"> • Health forums, • YouTube health advice, telemedicine apps. 8.2 Offline: <ul style="list-style-type: none"> • primary care visits, • local health camps, support groups.
	YOUR SOLUTION (SL) Describe your Health AI product or concept.	

References :

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