

Project Design Phase Problem – Solution Fit

Date	30 June 2025
Team ID	LTVIP2025TMID37458
Project Name	HealthAI
Maximum Marks	2 Marks

Problem – Solution Fit:

Problem-Solution Fit canvas

Purpose / Vision

Version:

Define CS, fit into CL	1. CUSTOMER SEGMENT(S) CS -> Patients with chronic conditions (e.g., diabetes, hypertension) -> Caregivers managing patient health records	6. CUSTOMER LIMITATIONS <small>EG. BUDGET, DEVICES</small> CL -> Limited technical knowledge -> Budget constraints (especially for premium services) -> Accessibility issues in rural areas	5. AVAILABLE SOLUTIONS <small>PROS & CONS</small> AS -> WebMD / Online forums: Widely available, but low reliability -> Doctor visits: Reliable but time-consuming and limited availability	Explore AS, differentiate
	2. PROBLEMS / PAINS + ITS FREQUENCY PR -> 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)	9. PROBLEM ROOT / CAUSE RC -> 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	7. BEHAVIOR + ITS INTENSITY BE -> 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)	
Identify strong TR & EM	3. TRIGGERS TO ACT TR -> Before: Confused, anxious, helpless, uncertain -> After: Informed, reassured, empowered	10. YOUR SOLUTION SL 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	8. CHANNELS of BEHAVIOR CH <div style="border-bottom: 1px solid #ccc; padding-bottom: 5px;"> ONLINE -> Search engines (Google, Bing) -> Health forums and blogs </div> <div style="padding-top: 5px;"> OFFLINE -> Clinics, hospitals -> Pharmacy discussions -> Community health workshops </div>	Extract online & offline CH of BE
	4. EMOTIONS <small>BEFORE / AFTER</small> EM -> Experiencing unusual symptoms -> Doctor unavailable or too expensive -> Wanting preventive health checkups or insights			

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References:

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