

Project Design Phase

Proposed Solution

Date	07 June 2025
Team ID	LTVIP2025TMID33353
Project Name	HealthAI: Intelligent Healthcare Assistant Using IBM Granite
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Individuals in rural and semi-urban areas struggle to access timely, affordable, and trusted healthcare. They rely on unverified sources or delay treatment, leading to serious complications.
2.	Idea / Solution description	HealthAI is a virtual health assistant powered by AI that provides symptom checking, treatment suggestions, and health information through chatbot interaction in local languages. It includes a user login system with data storage (MySQL) and aims to offer support even in low-network environments.
3.	Novelty / Uniqueness	<ul style="list-style-type: none">- Voice and text-based interaction in local languages- AI-powered real-time symptom analysis- Offline-access mode (planned)- Tailored for underserved communities with low resources
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none">- Empowers users to manage health independently- Reduces dependency on distant healthcare centers- Promotes early diagnosis and preventive action- Builds trust through accessible, reliable support
5.	Business Model (Revenue Model)	<ul style="list-style-type: none">- Empowers users to manage health independently- Reduces dependency on distant healthcare centers- Promotes early diagnosis and preventive action- Builds trust through accessible, reliable support
6.	Scalability of the Solution	The solution is scalable across states and countries with language and cultural adaptations. Modular architecture allows integration of new features (e.g., telemedicine, wearable sync). AI models can be continuously trained with regional data to increase accuracy.

