

## Project Design Phase

Date: 26 June 2025

Team ID: LTVIP2025TMID32616

Project Name: HealthAI: Intelligent Healthcare Assistant

Maximum Marks: 2 Marks

### Proposed Solution Template:

Project team shall fill the following information in the proposed solution template.

S.No.	Parameter	Description
1	Problem Statement (Problem to be solved)	Access to immediate, reliable, and understandable healthcare advice is limited, especially for individuals who cannot consult a doctor instantly. Many lack personalized insights into symptoms or health data.
2	Idea / Solution description	HealthAI is an intelligent assistant powered by IBM Watson ML and the Granite model. It answers health-related questions, predicts conditions based on symptoms, suggests treatment plans, and visualizes health data—all via a simple Streamlit UI.
3	Novelty / Uniqueness	Unlike generic symptom checkers, HealthAI combines real-time patient chat with predictive analytics and visual feedback using advanced AI. It provides empathetic, medically sound, and structured responses.
4	Social Impact / Customer Satisfaction	Improves health literacy, empowers proactive care, and bridges gaps in

		healthcare access. Offers peace of mind with AI-generated suggestions that guide users toward professional consultation when needed.
5	Business Model (Revenue Model)	Freemium model: Basic chat and prediction features for free, advanced analytics and personalized insights via subscription. Revenue streams include B2C subscriptions and B2B integrations for clinics.
6	Scalability of the Solution	The system supports expansion through IBM Cloud infrastructure, enabling regional model customization, wearable integrations, and multi-language support for broader accessibility.