

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	27 JUNE 2025
Team ID	LTVIP2025TMID31916
Project Name	HealthAI-Intelligent Healthcare Assistant Using IBM Granite
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

Reference: <https://www.mural.co/templates/brainstorm-and-idea-prioritization>

Step-1: Team Gathering, Collaboration and Select the Problem Statement

Problem Chosen: Lack of accessible, personalized, and accurate healthcare guidance for users without immediate access to professionals.

Goal: Design a generative AI-based healthcare assistant that predicts diseases, suggests treatments, answers health queries, and visualizes personal health trends in real time using IBM Watson and Streamlit.

Step-2: Brainstorm, Idea Listing and Grouping

Idea	Group
Use AI to predict possible diseases from symptoms	Disease Prediction
Generate personalized treatment plans based on diagnosis & user data	Personalized Treatment
Build chatbot to answer health-related questions	Patient Chat
Visualize vitals (BP, HR, glucose) in dashboard	Health Analytics
Store past symptoms, history, and generate adaptive suggestions	Personal Health Memory
Role-based experience for patients and doctors	User Management
Use IBM Watsonx + Granite-13b model for backend LLM processing	Backend AI Infrastructure
Secure user health data with API key control and encryption	Data Security & Compliance

Step 3: Idea Prioritization

Idea	Feasibility	Impact	Priority
Disease prediction using symptoms	High	High	Must Do
Personalized treatment planning	High	High	Must Do
AI chatbot for general health questions	High	Medium	Must Do
Health metric dashboard with insights	Medium	High	Must Do
Adaptive suggestions from past records	Medium	Medium	Should Do
Role-based experience	High	Medium	Must Do
IBM Watson integration (Granite model)	High	High	Must Do
API key and secure health data handling	High	High	Must Do