# Ideation Phase

## Brainstorm & Idea Prioritization Template

Date: 26 June 2025

Team ID: LTVIP2025TMID31976

Project Name: HealthAI: Intelligent Healthcare Assistant

Maximum Marks: 4 Marks

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

Team Members:  
- Pavuluri Sai Lithan (Team Leader)  
- Nischintala Jai Manikanta Chari  
- Niharika Sreekakulapu  
- P B V S N Mahitha  
  
Selected Problem Statement:  
How might we build an AI-based assistant that improves healthcare accessibility, provides personalized health guidance, and integrates predictive and analytical features for patient support using IBM Watsonx and Generative AI?

## Step-2: Brainstorm, Idea Listing and Grouping

Brainstormed Ideas:  
- Develop a chatbot that provides real-time answers to patient health queries.  
- Implement a system that predicts possible diseases based on user symptoms.  
- Generate treatment plans personalized to patient profiles.  
- Visualize health trends using analytics dashboards.  
- Use IBM Granite LLM for natural language interaction.  
- Add a profile-based recommendation system for lifestyle improvements.  
- Integrate with wearables for live data sync.  
- Offer multilingual support and voice-based interaction.

## Step-3: Idea Prioritization

Top Priority Ideas for Implementation:  
1. Patient Chat using IBM Granite  
2. Disease Prediction using symptoms + profile  
3. Personalized Treatment Plan generation  
4. Health Analytics dashboards (heart rate, BP, glucose)  
  
Secondary Priority Ideas:  
- Wearable integration  
- Alert system for abnormal metrics  
- Multilingual voice support  
  
These ideas were selected based on feasibility, impact, and the ability to demonstrate the potential of IBM Watsonx.