

# Brainstorm & Idea Prioritization Template

---

Date: 26<sup>th</sup> JUNE 2025

Team ID: **LTVIP2025TMID32037**

Project Name: HealthAI – IBM Granite-Powered Medical Assistant

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

How might we build an AI-powered healthcare assistant that provides intelligent medical support, including symptom analysis, treatment suggestions, and health condition explanations using the IBM Granite 3.3 model integrated with Gradio?

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

- Symptom Analysis
  1. User enters symptoms in natural language
  2. Model predicts possible conditions
  3. Suggests diagnostic tests
- Health Condition Explanation
  4. Input any disease name
  5. Explains in simple terms
  6. Provides causes, symptoms, and prevention tips
- Treatment Suggestions
  7. Recommends home remedies for minor illnesses
  8. Provides treatment plan for conditions
  9. Gives warnings about self-medication
- User Interface & Experience
  10. Gradio-powered clean and intuitive UI
  11. Voice input support (future scope)
  12. Instant response with minimal latency
- Personal Health Insights (Advanced/Future Ideas)
  13. Patient profile tracking

14. Health history-based suggestions
15. Integration with wearable data (e.g., fitness trackers)

### Step-3: Idea Prioritization

Idea	Feasibility	Impact	Priority
Symptom input with natural language	High	High	★★★★
Disease explanation with simple text	High	High	★★★★
Treatment recommendation (non-emergency)	Medium	High	★★★
Home remedies suggestions	High	Medium	★★
Gradio UI with model integration	High	High	★★★★
Personal profile & health tracking	Low	High	★★
Integration with wearable devices	Low	Medium	★
Voice input interface	Medium	Medium	★★

Final Prioritized Features for MVP (Minimum Viable Product):

- Symptom analysis using Granite model
- Disease explanation
- Basic treatment suggestions
- Gradio interface