Brainstorm & Idea Prioritization Template

Date: 26th JUNE 2025

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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