**Ideation Phase**

**Brainstorm & Idea Prioritization**

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| Team ID | LTVIP2025TMID30148 |
| Project Name | HealthAI: Intelligent Healthcare Assistant Using IBM Granite |
| Maximum Marks | 4 Marks |

**Brainstorm & Idea Prioritization:**

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.

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

* **All team members (developers, domain expert, and data analyst) gathered for an initial brainstorming session.**
* **Discussed current healthcare challenges in India, focusing on lack of real-time medical assistance, health awareness, and accessibility for rural populations.**
* **Finalized Problem Statement:  
  *Develop an AI-powered healthcare assistant that provides medical recommendations, symptom analysis, and health education using IBM Granite.***

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

**Raw Ideas (without filtering):**

* Symptom checker using natural language input
* AI chatbot for health queries
* Emergency response assistant
* Daily health tips and reminders
* Integration with wearable devices
* Mental health screening
* Multilingual support for inclusivity
* Diet and nutrition recommendations
* Virtual appointment scheduling
* Data privacy and health record storage

**Grouped Ideas (by functionality):**

1. **Diagnosis & Consultation:**
   * Symptom checker
   * AI chatbot
   * Mental health screening
2. **Preventive Healthcare:**
   * Daily health tips
   * Diet/nutrition guidance
3. **Accessibility & Support:**
   * Multilingual support
   * Virtual appointments
   * Emergency alerts
4. **Integration & Security:**
   * Wearable integration
   * Secure data storage

**Step-3: Idea Prioritization**

**Feasibility** (Can it be built in timeline?)

**Impact** (Will it solve real healthcare issues?)

**Innovation** (Is it unique or adds value?)

| **Idea** | **Feasibility** | **Impact** | **Innovation** | **Priority** |
| --- | --- | --- | --- | --- |
| Symptom checker | High | High | Medium | ⭐⭐⭐⭐ |
| AI health chatbot | High | High | High | ⭐⭐⭐⭐ |
| Daily health tips | High | Medium | Medium | ⭐⭐⭐ |
| Multilingual support | Medium | High | High | ⭐⭐⭐⭐ |
| Mental health screening | Medium | High | Medium | ⭐⭐⭐ |
| Wearable device integration | Low | Medium | High | ⭐⭐ |
| Diet/nutrition recommender | Medium | Medium | Medium | ⭐⭐ |
| Virtual appointment scheduling | Low | Medium | Low | ⭐ |
| Emergency alert system | Medium | High | Medium | ⭐⭐⭐ |
| Health data security module | Medium | High | High | ⭐⭐⭐⭐ |