**Ideation Phase**

**Brainstorm & Idea Prioritization Template**

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| Date | 27 June 2025 |
| Team ID | LTVIP2025TMID31912 |
| Project Name | Health AI: 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.

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

Objective: To create an AI-powered healthcare assistant that can interact in multiple languages, identify user symptoms, and provide helpful health-related information (e.g., disease insight, home remedies, medication, and empathetic chat) using a Large Language Model.

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

**Grouping ideas:**

| **Category** | **Ideas** |
| --- | --- |
| Symptom Analysis | NLP-based symptom checker |
| Health Advisory | Home remedies engine, medication information |
| Knowledge Access | Disease encyclopedia |
| Conversational Support | Empathetic chatbot |
| Accessibility | Voice support, local language support (Hindi/Telugu) |
| Advanced Diagnosis | Image-based diagnosis using computer vision for skin/eye problems |

**Step-3: Idea Prioritization**

| **#** | **Idea** | **Impact** | **Feasibility** | **Notes** |
| --- | --- | --- | --- | --- |
| 1 | Symptom Checker (NLP) | High | Medium | Translates symptoms → possible conditions |
| 2 | Home Remedy Suggestion Engine | Medium | High | Simple prompt templates and responses |
| 3 | Medication Info Generator | Medium | High | Easy to deploy with disclaimers |
| 4 | Disease Encyclopedia Tab | High | High | Longform content from AI, static format |
| 5 | Empathetic Health Chatbot | Very High | Medium | Needs tone control and safe prompting |
| 6 | Voice Support | High | Low | Requires ASR and TTS modules |
| 7 | Output in Local Language (Hindi/Telugu) | Very High | Medium | Requires back-translation or bilingual model |
| 8 | Image-Based Diagnosis (Skin, Eye, etc.) | High | Low | Needs CV model + dataset |