**Project Design Phase**

**Problem – Solution Fit**

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| Date | 25 June 2025 |
| Team ID | LTVIP2025TMID30393 |
| Project Name | HealthAI: Intelligent Healthcare Assistant Using IBM Granite |
| Maximum Marks | 2 Marks |

**Problem – Solution Fit Template:**

| * **Section** | * **Details** |
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| * **1. Target Customer Segment** | * Individuals seeking accurate and personalized health advice, especially in areas with limited access to medical professionals. Includes students, working professionals, and rural residents. |
| * **2. Problem Statement** | * People struggle to find reliable, accessible, and affordable health guidance. Many rely on misinformation from unverified sources or lack access to timely consultation. |
| * **3. Current Solutions** | * - Google search and forums (inaccurate, generic)- Expensive or delayed doctor appointments- Basic health chatbots with limited understanding- Rural health camps (infrequent, location-limited) |
| * **4. Impact of the Problem** | * - Delay in getting trusted advice- Worsening health conditions due to misdiagnosis or no diagnosis- Anxiety and misinformation- Inefficiency in managing health proactively |
| * **5. Your Solution** | * **HealthAI** – An AI-powered health assistant using the IBM Granite model, capable of answering personalized health queries in real-time. Accessible via a web/mobile interface. |
| * **6. Key Benefits** | * - Instant responses 24/7- Language support for inclusivity- High accuracy using advanced AI models- Affordable and accessible anywhere |
| * **7. Differentiators** | * - Powered by IBM’s robust Granite model- Context-aware and user-friendly- Focus on trustworthiness and medical knowledge base- No need for complex medical jargon |
| * **8. Channels** | * - Web application and mobile app- Awareness via health camps and community programs- Social media campaigns- Integration with NGOs and local health centers |
| * **9. Early Indicators of Success** | * - Increased daily active users- Positive feedback on accuracy and trust- Reduced misinformation incidents among users- More queries resolved without escalation to clinics |