**Project Design Phase**

**Proposed Solution Template**

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| Date | 27 June 2025 |
| Team ID | LTVIP2025TMID31916 |
| Project Name | HealthAI: Intelligent Healthcare Assistant Using IBM Granite |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

Project team shall fill the following information in the proposed solution template.

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | Limited access to real-time health monitoring, delayed diagnosis, and lack of preventive care—especially in rural areas or for chronic patients—leads to increased risk and medical costs. |
|  | Idea / Solution description | Develop an AI-powered health monitoring system that integrates with wearable devices to track vitals in real time, predict risks early, and notify users and doctors through a smart dashboard and alert system. |
|  | Novelty / Uniqueness | Combines wearable IoT sensors with machine learning models for health prediction and anomaly detection; provides personalized, affordable, and scalable remote care—especially targeting rural and underserved populations. |
|  | Social Impact / Customer Satisfaction | Enhances accessibility to healthcare, reduces hospital visits, and enables proactive disease prevention. Increases satisfaction by offering 24/7 health insights and emergency alerts, giving users peace of mind. |
|  | Business Model (Revenue Model) | Freemium model with basic monitoring free and premium AI insights at a subscription fee. Hospitals and clinics can subscribe to enterprise dashboards. Government/public health tie-ups for rural deployment. |
|  | Scalability of the Solution | The solution is highly scalable across urban and rural populations. It supports cloud-based deployment and can integrate new AI models and devices as the technology evolves. |