Project Design Phase-II

Date: 26th JUNE 2025

Team ID: **LTVIP2025TMID32037**

Project Name: Health AI – IBM Granite-Powered Medical Assistant

# Functional Requirements

Following are the functional requirements of the proposed solution.

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| FR No. | Functional Requirement (Epic) | Sub Requirement (Story / Sub-Task) |
| FR-1 | Symptoms Input | Input symptoms through form Validate input format |
| FR-2 | Disease Prediction | Process input symptoms Show prediction result to user |

# Non-functional Requirements

Following are the non-functional requirements of the proposed solution.

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| FR No. | Non-Functional Requirement | Description |
| NFR-1 | Usability | System should be easy to use for mobile and web users. |
| NFR-2 | Security | User data must be securely stored and encrypted. |
| NFR-3 | Reliability | System should provide consistent predictions and be fault-tolerant. |
| NFR-4 | Performance | Predictions should be delivered within 3 seconds. |
| NFR-5 | Availability | System should be available 99.9% of the time. |
| NFR-6 | Scalability | System should scale to handle 10,000+ users simultaneously. |