**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

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| Date | 31 January 2025 |
| Team ID | LTVIP2025TMID37239 |
| Project Name | Health AI -intelligent healthcare assistant using IBM granite |
| Maximum Marks | 4 Marks |

**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 | User Registration | Registration through Form  Registration through Gmail  Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 |  | |  | | --- | | Upload Health Reports |  |  |  |  | | --- | --- | --- | |  |  | Input Symptoms via Form | |
| FR-4 |  | |  | | --- | | Predict Disease using ML |  |  |  |  | | --- | --- | --- | |  |  | Show Suggested Tests & Next Steps | |
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**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** | Easy-to-use UI for patients of all ages |
| NFR-2 | **Security** | User data must be encrypted and secured |
| NFR-3 | **Reliability** | The system must work consistently |
| NFR-4 | **Performance** | Quick response time for diagnosis results |
| NFR-5 | **Availability** | System should be accessible 24/7 |
| NFR-6 | **Scalability** | Should support a growing number of users |