

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	19/05/2025 – 30/06/2025
Team ID	LTVIP2025TMID31711
Project Name	HealthAI: Intelligent Healthcare Assistant Using IBM Granite
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement	Sub Requirement
FR-1	User Registration	Form, Gmail
FR-2	Symptom Input	Free text box
FR-3	Disease Prediction	AI model inference
FR-4	Treatment Suggestion	AI-generated advice
FR-5	Health Analytics	Graphs from stored logs
FR-6	Profile Management	Edit/update data
FR-7	Data Logging	Manual health input

Non-functional Requirements:

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

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	Clean UI via Streamlit
NFR-2	Security	Email protection, API security
NFR-3	Reliability	24x7 availability, backup
NFR-4	Performance	Fast AI response (<2 sec)
NFR-5	Availability	Hosted on IBM Cloud or Streamlit Sharing
NFR-6	Scalability	Expandable to include new health features