

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

Date	20 February 2026
Team ID	LTVIP2026TMIDS38963
Project Name	Heart Disease Analysis
Maximum Marks	4 Marks

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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	Health Data Management	Add health details Edit health records Delete health records
FR-4	Dashboard & Analysis	View health dashboard Filter data (age, gender, etc.) View risk analysis charts
FR-5	Report Generation	Download health report View summary report

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	The system should be simple and easy to use for parents.
NFR-2	<b>Security</b>	User data must be protected with login authentication and encryption.
NFR-3	<b>Reliability</b>	The system should work correctly without errors.
NFR-4	<b>Performance</b>	The system should load dashboards quickly.
NFR-5	<b>Availability</b>	The system should be available 24/7.
NFR-6	<b>Scalability</b>	The system should handle more users in the future.

