

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

Date	21 June2025
Team ID	LTVIP2025TMID41434
Project Name	Revolutionizing Liver Care : Predicting Liver Cirrhosis using Advanced Machine Learning Techniques
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	User Login	Login via Email & Password  Login via Gmail  Login via LinkedIn
FR-4	Dashboard Access	View Profile Information  Access Project Tracker  Logout functionality

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
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NFR-1	<b>Usability</b>	The application should be easy to navigate and user-friendly.
NFR-2	<b>Security</b>	User data must be encrypted, and secure login methods should be implemented.
NFR-3	<b>Reliability</b>	The system should perform consistently without failure under expected loads.
NFR-4	<b>Performance</b>	The app should load pages and respond to user actions within 2 seconds.
NFR-5	<b>Availability</b>	The application should be available 99.9% of the time
NFR-6	<b>Scalability</b>	The system should handle increasing user loads without performance degradation.