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

Date	30 june 2025
Team ID	LTVIP2025TMID38681
Project Name	hematovision: advanced blood cell classification using transfer learning
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		
FR-4		

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	
NFR-2	**Security**	
NFR-3	**Reliability**	
NFR-4	**Performance**	
NFR-5	**Availability**	
NFR-6	**Scalability**	

AI Model

NLP Model (e.g., IBM Granite) for understanding patient queries

Prediction Models for disease risk (diabetes, heart, etc.)

Recommendation Engine for medications, tests, and follow-ups

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