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

Date	31 January 2025
Team ID	LTVIP2026TMIDS53438
Project Name	Dog breed Prediction 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	Image Upload	Upload dog image from camera or gallery
FR-4	Breed Prediction	Display predicted dog breed with confidence score

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Simple and user-friendly interface
NFR-2	**Security**	User data encryption and secure authentication
NFR-3	**Reliability**	System provides consistent and accurate predictions
NFR-4	**Performance**	Prediction results displayed within few seconds
NFR-5	**Availability**	System available 24/7
NFR-6	**Scalability**	System can handle increasing number of users