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

Date	31 January 2025
Team ID	LTVIP2026TMIDS85825
Project Name	Prosperity Prognosticator – Machine Learning for Startup Success Prediction
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 email & password
		Registration through Gmail
		Registration through Facebook
FR-2	User Confirmation	Confirmation via email
		Confirmation via OTP
FR -3	User login	Login using email & password
		Role-based login (User / Admin)
FR-4	Dashboard	View startup success prediction dashboard
		Display success probability and risk level
FR-5	Startup Data Input	Enter startup details (domain, funding, team size, etc.)
FR-6	Prediction Engine	Generate startup success prediction using ML
		Display prediction results
FR-7	Model Management	Train and update machine learning models
FR-8	User Management	View, activate, or deactivate users
FR-9	Support Management	View and respond to user queries

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The system should be easy to use with a simple and intuitive user interface.
NFR-2	**Security**	User data must be protected using authentication, authorization, and encryption mechanisms.
NFR-3	**Reliability**	The system should provide consistent and accurate prediction results.
NFR-4	**Performance**	Prediction results should be generated within acceptable response time.
NFR-5	**Availability**	The system should be available to users with minimal downtime.
NFR-6	**Scalability**	The system should handle increased users and data without performance degradation.