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

Date	17 February 2026
Team ID	LTVIP2026TMIDS78778
Project Name	Gemini Historical Artifact Description System
Maximum Marks	4 Marks

Functional Requirements

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form (Email & Password)
		Registration through Gmail
		Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Verification Link
		Confirmation via OTP (One Time Password)
FR-3	User Login & Authentication	Login using Email & Password
		Login using Gmail
		Forgot Password & Reset Password
FR-4	Artifact Description Generation	Generate description using artifact name
		Generate description using uploaded image
		Select word count for output
		Display historical facts section
FR-5	Dashboard Management	View generated descriptions history
		Edit profile information
FR-6	Admin Management	Logout from system
		View all registered users
		Block / Unblock users
		Monitor system usage

Non-Functional Requirements

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	The system should have a simple, user-friendly interface that is easy to navigate on both web and mobile devices.
NFR-2	Security	User data must be encrypted. Authentication and authorization mechanisms must prevent unauthorized access.
NFR-3	Reliability	The system should function correctly without failure and provide accurate AI-generated descriptions consistently.
NFR-4	Performance	The system should generate artifact descriptions within a few seconds after submission.
NFR-5	Availability	The system should be accessible 24/7 with minimal downtime.

NFR No.	Non-Functional Requirement	Description
NFR-6	Scalability	The system should support increasing numbers of users without performance degradation.