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

Date	9-10-2023
Team ID	NM2023TMID07077
Project Name	Dissecting The Digital Landscape: A Comprehensive Analysis Of Social Media

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	Profile Setup	User Profile Creation. Profile Photo Upload.
FR-4	Content Sharing	Text Post Creation. Image Upload for Posts.
FR-5	Privacy Settings	Set Privacy for Profile. Set Privacy for Shared Content.
FR-6	Messaging System	Send Text Messages. Send Media Messages.
FR-7	Notifications	Receive Push Notifications. Manage Notification Preferences.
FR-8	Search Functionality	Implement Basic Search. Implement Advanced Search.
FR-9	Account Security	Password Change. Enable Two-Factor Authentication.
FR-10	Analytics & Reporting	Track User Engagement Metrics. Generate Usage Reports.

Non-functional Requirements:

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

NFR-1	Usability	User-friendly and provide an intuitive interface, ensuring that users can easily navigate and perform tasks without requiring extensive training.

NFR-2	**Security**	Protect data and user information from unauthorized access, breaches, and threats, ensuring the confidentiality, integrity, and availability of data
NFR-3	**Reliability**	Operate consistently and reliably, minimizing downtime and ensuring that it functions correctly even under high loads or adverse conditions.
NFR-4	**Performance**	Perform efficiently, providing quick response times and handling concurrent users and high data loads without significant performance degradation.
NFR-5	**Availability**	Available to users whenever they need it, ensuring minimal downtime and high system uptime.
NFR-6	**Scalability**	Able to grow and adapt to increased demands, including adding more users, data, or transactions without significant architectural changes.