Requirement Gathering and Analysis Phase Solution Requirements (Functional & Non-functional)

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Team ID	SWTID1719938419
Project Name	Connectify - Social Media App (MERN)
Maximum Marks	

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement	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	Login	Login through Email/Password Login through Gmail
FR-4	Home Page	Display User Feed Display Trending Posts Display Suggested Friends
FR-5	Chats	Group Chat Media Sharing in Chat One-on-One Chat
FR-6	Notifications	Push Notifications In-App Notifications Email Notifications
FR-7	Search	Search by User Search by Hashtag Search by Post Content
FR-8	Stories	Create Stories View Stories React to Stories

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	It has an intuitive and user-friendly interface, allowing users to easily navigate and interact with the features.
NFR-2	**Security**	It ensures data protection through encryption, secure authentication methods, and regular security audits to prevent unauthorized access and data breaches.
NFR-3	**Reliability**	It functions consistently without crashes or downtime, ensuring users can rely on it for constant access to their social interactions.
NFR-4	**Performance**	It loads quickly and respond promptly to user actions, providing a seamless and efficient user experience.
NFR-5	**Availability**	It is available 24/7 with minimal downtime, ensuring that users can access the app whenever they want.
NFR-6	**Scalability**	It is able to handle an increasing number of users and data volume without performance degradation, allowing for future growth and expansion.