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

Date	03 Nov 2023
Team ID	NM2023TMID04574
Project Name	How to Create a Reel Design Using Canva

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
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	Implement a "Remember Me" option Provide a "Forgot Password" feature
FR-4	Profile Management	Set profile visibility settings (public, private, friends-only).
FR-5	Premium Subscription	Plan with ad-free payment gateway for users to subscribe to the premium plan.
FR-6	Reporting and Moderation	Report inappropriate content or users.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Users should be able to register and create accounts easily with a valid email address or through social media integration. Password reset and recovery options should be available.
NFR-2	**Security**	All data transmitted between the app and the server should be encrypted using secure protocols such as HTTPS to prevent interception.
NFR-3	**Reliability**	Implement redundancy and failover mechanisms to minimize downtime. This ensures that the app remains accessible even in the event of server failures or other issues.
NFR-4	**Performance**	The user interface (UI) should be responsive and provide quick feedback to user interactions, such as button clicks, search queries, and playlist changes. Content, including playlists and song lists, should load quickly, minimizing wait times for users.
NFR-5	**Availability**	Implement redundancy at various levels of the app, including servers, databases, and network components, to minimize single points of failure and ensure continued service availability.

| NFR-6 | **Scalability** | Design the app to scale horizontally and vertically to accommodate a growing user base and increasing data load. |