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

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Team ID	NM2023TMID01592
Project Name	Pixel perfection

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	a. Registration through Form b. Registration through Gmail
FR-2	User Confirmation	a. Login with email and password b. Login with Google account
FR-3	Image Editing	a.Background removal b.vehicle background removal c.cartoonize the face d.Beauty enhancement
FR-4	Image Saving and Sharing	a. Save edited images to local device b. Share edited images

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	a. User-friendly interface with easy navigation b. Intuitive image editing tools and options c. Quick response time for image processing
NFR-2	**Security**	a. User data privacy and protection b. Secure login and authentication system c. Data encryption for sensitive information
NFR-3	**Reliability**	a. 24/7 availability of the service b. Minimal downtime for maintenance and updates c. Regular backups of user data
NFR-4	**Performance**	a. Fast and efficient image editing and processing b. Minimum system requirements for users c. Scalable infrastructure to handle increased traffic and demand
NFR-5	**Availability**	a. High availability of the service b. Redundancy and failover mechanisms for system components c. Disaster recovery plan in place
NFR-6	**Scalability**	a. Scalable infrastructure to handle increased traffic and demand b. Elasticity to automatically adjust resources based on usage c. Ability to add or remove resources as needed