

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

Date	06 May 2023
Team ID	NM2023TMID16640
Project Name	Pixel Perfection: Transforming your photos with our cutting-edge image editing platform

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Image Upload	Users should be able to upload their images to the platform.
FR-2	Image Editing	The platform should provide tools for users to edit their images, including cropping, resizing, adjusting brightness, contrast, saturation, etc.
FR-3	Image Enhancement	The platform should offer tools to enhance the image quality, such as noise reduction, sharpening, and color correction.
FR-4	Filters	The platform should provide a range of filters that users can apply to their images to achieve different effects.
FR-5	Layering	The platform should support layering, allowing users to add text, graphics, or other images to their edited photos.
FR-6	Save/Download	Users should be able to save their edited images to their accounts on the platform and/or download them to their local devices.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The platform should have an intuitive and user-friendly interface, making it easy for users to navigate and use the various editing tools.
NFR-2	Security	The platform should be secure, protecting user data and images from unauthorized access or theft.
NFR-3	Reliability	The platform should be reliable, with minimal downtime or errors.
NFR-4	Performance	The platform should be fast and responsive, with minimal lag or delay when users upload, edit, or save their images.
NFR-5	Availability	The platform should be available to users at all times, with minimal planned or unplanned downtime.
NFR-6	Scalability	The platform should be designed to handle a large number of users and images without slowing down or crashing.