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

Date	20 November 2023
Team ID	NM2023TMID10480
Project Name	Create sponsered post for instagram

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

Non-functional Requirements:

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

FR No	Non-Functional Requirement	Description
NFR-1	Usability	By adjusting the brightness and color temperature of the lighting system based on weather conditions, the system can save energy and reduce electricity bills.
NFR-2	Security	The system can be programmed to send automatic alerts to the user's device in case of any unusual activity or if the weather conditions change suddenly.
NFR-3	Reliability	The reliability of the system can be affected by the accuracy and reliability of the weather sensors used to gather data on weather conditions.
NFR-4	Performance	The system should be able to accurately detect and measure weather conditions and adjust the lighting settings accordingly
NFR-5	Availability	The system should undergo regular maintenance to ensure that it is operating optimally and that any issues are identified and resolved before they become major problems
NFR-6	Scalability	The system should be designed to be scalable, so that it can easily handle an increasing number of devices and sensors without compromising its performance or availability