

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

Date	20May2023
Team ID	NM2023TMID17628
Project Name	Go No Queue -Rush Estimator for Corporate Cafeteria

**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
FR-3	User login	Confirmation via Registered Gmail Confirmation via Password
FR-4		

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	The system should provide clear and understandable crowd estimation data to cafeteria authorities.
NFR-2	<b>Security</b>	Implement strong encryption protocols to protect data during transmission and storage.
NFR-3	<b>Reliability</b>	The computer vision techniques for person detection should have low error rates and adaptability to different environmental conditions.
NFR-4	<b>Performance</b>	The system should deliver quick response times, ensuring timely information for decision-making.
NFR-5	<b>Availability</b>	The web app should have high uptime, with minimal scheduled maintenance or updates during peak hours.
NFR-6	<b>Scalability</b>	The system should be designed to handle a growing number of visitors and accommodate multiple cafeteria locations.