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

Date	06 May 2023
Team ID	NM2023TMID14254
Project Name	Go No Queue-Rush Estimator for Corporate Cafeteria

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The system should have a user-friendly interface, with intuitive navigation and clear instructions.
NFR-2	**Security**	The system should employ robust security measures to protect user data, prevent unauthorized access, and maintain confidentiality.
NFR-3	**Reliability**	The system should be highly reliable and available, minimizing downtime and ensuring uninterrupted service.
NFR-4	**Performance**	The system should have low latency and respond quickly to user interactions, ensuring a smooth and efficient user experience.
NFR-5	**Availability**	The system should have a high availability rate, aiming for near-continuous uptime.
NFR-6	**Scalability**	The system should be designed to scale seamlessly as the number of users and service locations increases.

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	**Functional Requirements:** User Registration	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Queue Management	Users should be able to view their position in the queue and estimated wait times
FR-4	Queue Notifications	Notifications can be sent via SMS, email
FR-5	Check-in and Verification	The system should facilitate a smooth check-in process for users when they arrive at the service location via QR code
FR-6	Integration with Existing Systems	The no-queue system should integrate with existing systems, such as customer relationship management (CRM) tools or appointment scheduling platforms, to streamline operations and data management.