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

Date	19-02-2026
Team ID	LTVIP2026TMIDS66321
Project Name	Cafeteria Menu Display
Maximum Marks	4 Marks

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, Gmail
FR-2	User Authentication	Confirmation via Email & OTP
FR-3	Menu management	App/Update/Delete Categories & Items
FR-4	Menu display	Real-time Updates & scheduling
FR-5	Order processing	Cart management & Selection
FR-6	Payment & billing	Digital billing & Payment gateway

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The interface must be intuitive and user-friendly, allowing customers to navigate and view menu items with minimal effort.
NFR-2	Security	The system must protect sensitive data from unauthorized access and ensure the integrity of the displayed menu information.
NFR-3	Reliability	The system should perform consistently without frequent failures, ensuring that the displayed menu remains accurate and updated during all operating hours.
NFR-4	Performance	The display should be highly responsive with fast loading times for menu updates or page transitions.
NFR-5	Availability	The system must have the high uptime being accessible to users whenever the cafeteria is open.
NFR-6	Scalability	The system should be able to handle an increase in menu items, display screens, or concurrent users without any loss in performance.