

## Requirements Analysis (Cafeteria Menu Display)

### Solution Requirements (Functional & Non-functional)

Date	18- FEB-2026
Team ID	LTVIP2026TMIDS65602
Project Name	Cafeteria Menu Display
Maximum Marks	4 Marks

### Functional Requirements:

Following are the functional requirements of the proposed solution.

- Admins can create, modify, and publish menu items with date-based filtering.
- Users can access current and upcoming menus categorized by meal types.
- System logs changes and archives historical menus for reference

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	Menu Management	Add/Edit/Delete Daily Menu Categorize by Meal Type (Breakfast, Lunch, etc.) Schedule Weekly/Monthly Menu
FR-4	Digital Menu Display	Display Real-Time Menu on Screens Highlight Daily Specials or Offers Auto-Refresh Display When Menu is Updated

### Non-functional Requirements:

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

- Should be responsive across desktop and mobile devices.
- Secure access via role-based authentication.
- Scalability to accommodate multiple branches or locations.
- High uptime, low latency, and intuitive navigation.

**Use Cases :-** A cafeteria manager logs in, submits a weekly menu, and schedules publishing. Employees access the portal daily to check vegetarian options

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Interface should be intuitive for non-technical cafeteria staff, requiring minimal training.
NFR-2	<b>Security</b>	Access should be role-based to protect menu and inventory data from unauthorized edits.

NFR-3	<b>Maintainability</b>	The system should allow easy updates and maintenance with minimal technical dependency.
NFR-4	<b>Performance</b>	Menu changes should appear on display screens within 2 seconds of being updated in ServiceNow.
NFR-5	<b>Availability</b>	The system must be available during all cafeteria hours (e.g., 7:00 AM – 10:00 PM).
NFR-6	<b>Scalability</b>	System should support multiple cafeteria locations and display screens simultaneously.