

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

Date	31 January 2025
Team ID	LTVIP2026TMIDS39149
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 Authentication	User can login using username and password System validates credentials User is redirected to dashboard after successful login
FR-2	Menu Creation	Admin can create new cafeteria menu Admin can enter menu name, menu date, items, and price The menu record is saved in u_cafeteria_menu table
FR-3	Menu Management	Admin can update menu details Admin can delete unwanted menu records Admin can change menu status (Active / Inactive / Published)
FR-4	Publish Menu (UI Action)	Admin can click "Mark As Published" button System changes status to Published System displays confirmation message after publishing
FR-5	View Menu	User can view only Published menus Menu list shows menu name, date, items and price

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 provide a simple and user-friendly interface so that users can easily view cafeteria menu items and admins can manage records without technical knowledge.
NFR-2	Security	Only authorized users (Admin) can create, update, delete, or publish menu records. User authentication must be required to access the system.
NFR-3	Reliability	The system should function without errors and ensure that menu records are saved and retrieved correctly at all times.
NFR-4	Performance	The application should load dashboard pages and menu records within a few seconds without delay.

NFR-5	Availability	The system should be available to users during working hours without downtime issues.
NFR-6	Scalability	The system should support an increasing number of menu records and users without affecting performance.