

**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	<b>Usability</b>	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	<b>Security</b>	Only authorized users (Admin) can create, update, delete, or publish menu records. User authentication must be required to access the system.
NFR-3	<b>Reliability</b>	The system should function without errors and ensure that menu records are saved and retrieved correctly at all times.
NFR-4	<b>Performance</b>	The application should load dashboard pages and menu records within a few seconds without delay.

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