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REQUIREMENT ANALYSIS PHASE

Technology Stack

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Date	28 June 2025
Team ID	LTVIP2025TMID60545
Project Name	Cafeteria Menu Display Using Service now
Maximum Marks	4 Marks

🧱 Technology Stack

The **Cafeteria Menu Display System** is built entirely within the **ServiceNow platform**, using its low-code capabilities, robust automation tools, and user interface modules. Below is a breakdown of the technology components involved in delivering this solution:

◆ **1. Platform**

Component	Description
ServiceNow App Engine	Core low-code development environment used to create and deploy custom applications.
ServiceNow Instance	Hosted environment (e.g., San Diego, Tokyo, or later releases) where the solution is deployed.

◆ **2. Backend Components**

Component	Functionality
Custom Tables	Store menu data including meal items, dates, categories, dietary tags, and location info.
Flow Designer	Automates menu publishing schedules, reminders, and notifications.
Business Rules / Script Includes	Add backend logic for validations, data handling, and triggered actions.

◆ **3. Frontend Components**

Component	Functionality
Service Portal / Employee Center	User interface where employees view menus and cafeteria staff manage inputs.
Custom Widgets (HTML/CSS/AngularJS)	Create dynamic and interactive views of the menu (optional).

Component	Functionality
ServiceNow Mobile App	Allows employees to access menus on the go with a responsive layout.

◆ **4. Notification System**

Component	Functionality
Notification Engine	Sends automated email, in-app, or mobile push notifications based on publishing events or subscriptions.
Subscription Table	Stores user preferences for specific menu types (e.g., vegetarian alerts).