REQUIREMENT ANALYSIS PHASE

Technology Stack

Date	28 June 2025
Team ID	LTVIP2025TMID20832
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).