

## Requirement Analysis:

Solution requirement:

Date		
Team ID	LTVIP2025TMID30813	
Project Name	Cafeteria menu display	

Functional requirements :

FR NO	Functional Requirements	Sub Requirements
FR-1	Studio	Creator Studio is a free business and productivity tool by Meta Platforms
FR-2	Tables	Table Generator is a web application that enables you to effortlessly design and customize tables using a graphical editor
FR-3	Service catalog	Create and share professional product catalogs. Customize templates for your products with images, attributes and tiered pricing.
FR-4	Report	create a report, you'll need to decide on a topic, gather information, structure the report logically, and then write and proofread it.
FR-5	UI ation	create a UI Action in ServiceNow, navigate to System Definition > UI Actions, click New, and then

		configure the action's properties.
FR-6	Testing	Creating a test involves defining test objectives, identifying test scenarios, outlining test cases, and possibly setting up test environments and data.

Non functional requirements:

FR NO	Non functional Requirements	Description
NFR-1	Usability	Focuses on how easily users can find information and make decisions about their meal choices. This includes assessing the clarity, organization, and visual appeal of the menu, as well as its ease of navigation. Feedback from users helps identify areas for improvement to ensure the menu is effective and user-friendly.
NFR-2	Security	Cafeteria menu display security primarily involves protecting the content of the menu from unauthorized changes and ensuring the physical security of the display itself. For static menus, this might involve secure frames or locked cabinets.
NFR-3	Reliability	Reliable and versatile solution for displaying cafeteria menus. They provide dynamic

		content updates, improved order accuracy, and enhanced customer experience through clear, visually appealing displays.
NFR-4	Performance	This can be achieved by streamlining processes, optimizing inventory management, investing in staff training, leveraging technology, and closely monitoring key performance indicators (KPIs)
NFR-5	Availability	Cafeterias and restaurants, offering a modern and dynamic way to showcase menus and promotions.
NFR-6	Scalability	Cafeterias, especially those with multiple locations or franchise operations. These systems allow for easy and centralized updates across all screens, ensuring consistency and efficient management of menu information.

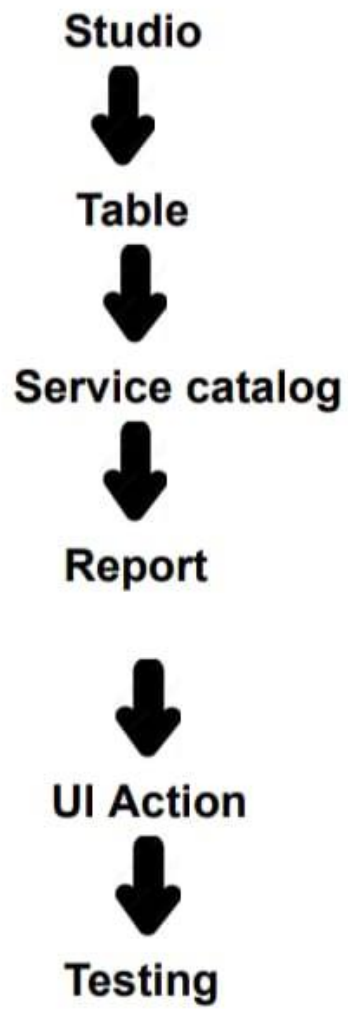
## Data Flow Diagram:

Data Flow Diagram (DFD) provides a visual representation of the flow of information (i.e. data) within a system. By drawing a data Flow diagram, you can tell the information provided by and delivered to someone who takes part in system processes, the information needed to complete the processes and the information needed to be stored and accessed. This article describes and explains the Data Flow Diagram (DFD) by using a food ordering system as an example.

Uses:

- Cafeteria menu displays, particularly digital ones, are used to showcase available food items, pricing, and promotions
- dynamic content and visuals to attract customers and enhance their experience.
- They can be used to cross-promote items, suggest add-ons, and create upselling opportunities.
- This data can help optimize menu offerings, pricing, and promotional campaigns.

## Data flow diagram



Tecnology stack:

## ServiceNow App

