

# Cafeteria Menu Display

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## \*\*Project Phase\*\*

Date	25-JUNE-2025
Team ID	LTVIP2025TMID30503
Project Name	Cafeteria Menu Display
Maximum Marks	4 Marks

## Problem Statement

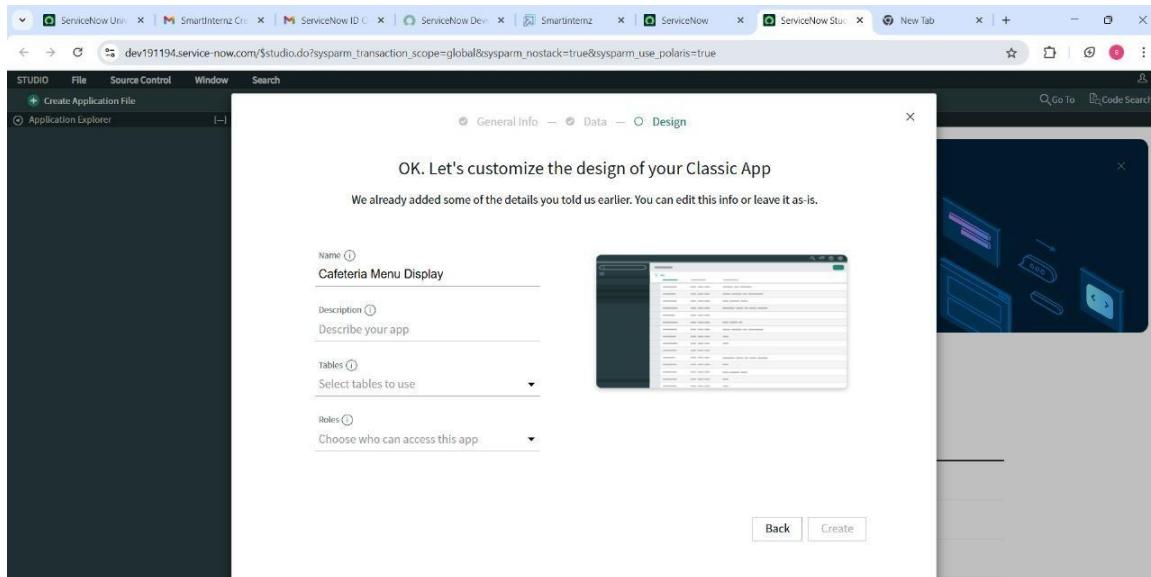
The Cafeteria Menu Display Portal aims to improve how organizations manage, publish, and present cafeteria menus. It allows administrators to:

- Easily create, schedule, and publish menus.
- Provide real-time access for employees to view daily/weekly offerings.
- Highlight dietary tags, special meals, and historical records.
- Minimize manual errors and reduce workload via automation.
- Enable better planning and enhance the employee dining experience.

## Solution Architecture Components

### 1. Application Studio Setup

- Open Studio: All → Studio → Create New Application
- App Name: Cafeteria Menu Display
- Purpose: Custom scoped application to manage cafeteria menus.



## 2. Table Creation

- Navigation: System Definition → Tables → New
- Table Name: Cafeteria Menu Display - Fields:

Field Name	Type	Description
Menu Name	Single Line Text	Title of the menu
Menu Date	Date	Date the menu is applicable
Menu Items	Multi-line Text	List of items in the menu
Status	Choice (Draft/Published)	Publication status

Column label	Type	Reference	Max length	Default value	Display
Menu Name				false	
Menu Date				false	
Menu Items				false	
Status				false	

A table is a collection of records in the database. Each record corresponds to a row in a table, and each field on a record corresponds to a column on that table. Applications use tables and records to manage data and processes. [More Info](#)

\* Label Cafeteria Menu Display  
 \* Name x.1463503\_cafeteri\_cafeteria\_menu\_displa

Column label	Type	Reference	Maxlength	Default value	Display
Updated	Date/Time	(empty)	40	false	
Sys ID	Sys ID (GUID)	(empty)	32	false	
Created by	String	(empty)	40	false	
x Status	String	(empty)	40	false	
Created	Date/Time	(empty)	40	false	
x Menu Items	String	(empty)	40	false	
x Menu Name	String	(empty)	40	false	
Updated by	String	(empty)	40	false	
Updates	Integer	(empty)	40	false	
x Menu Date	String	(empty)	40	false	
Insert a new row...					

Delete Update Delete All Records

Related Links  
[Form Builder](#)  
[Design Form](#)

### 3. Service Catalog Configuration

- Navigation: Service Catalog → Maintain Items → New
- Name: Submit New Cafeteria Menu
- Catalog: Service Catalog - Category: Cafeteria Services

Variables:

Variable Name	Type	Description
Menu Name	Single Line Text	Title of the menu
Menu Date	Date	Date of menu
Menu Items	Multi-line Text	Meals or descriptions

The image consists of three vertically stacked screenshots from the ServiceNow platform, illustrating the configuration of catalog items.

**Screenshot 1: Catalog Item - Submit new cafeteria menu**

This screenshot shows the 'Catalog Items' screen with a modal open for creating a new catalog item. The modal fields include:

- Name: Submit new cafeteria menu
- Catalogs: Service Catalog
- Category: cafeteria services
- Status: Published
- Checked out: true
- Owner: System Administrator
- Application: Cafeteria Menu Display
- Active: checked
- Fulfillment automation level: Unspecified

**Screenshot 2: Variable - New Record**

This screenshot shows the configuration of a variable for the 'Cafeteria Menu Display' application. The variable details are:

- Type: Single Line Text
- Catalog Item: Submit new cafeteria menu
- Order: (empty)
- Active: checked
- Mandatory: unchecked
- Read only: unchecked
- Hidden: unchecked

**Screenshot 3: Catalog Item - Cafeteria Services**

This screenshot shows the configuration of a catalog item named 'Cafeteria Services'. The 'Meta' field contains 'p'. The 'Related Catalog Items' section lists:

Type	Question	Order
Date	Menu Date	300
Single Line Text	Menu Name	100
Multi Line Text	Menu Items	200

## 4. Report Configuration

- Navigation: Reports → View / Create New
- Report Name: Cafeteria Report
- Source Type: Table

- Table: Cafeteria Menu Display
- Type: List
- Group By: Menu Date
- Columns: Menu Name, Menu Date, Menu Items
- Dashboard Integration: Add to custom dashboard

The screenshot shows the ServiceNow report editor interface. On the left, the navigation bar includes 'Favorites', 'History', 'Workspaces', and 'Admin'. The main area is titled 'Cafeteria Report' with a star icon. The 'Data' tab is selected, showing a search bar with 'list' and a note: 'This report has been migrated to a visualization. Migrated visualization is here.' Below the search bar, there's a 'Report Title' field set to 'Cafeteria Report'. A message box says 'What do you want to see?' with an 'Ask' button. The table header is 'Table: Cafeteria Menu Display [x\_1463503\_cafeteri\_cafeteria\_menu\_display]'. The table has columns: 'All', 'Menu Date', 'Menu Items', 'Menu Name', and 'status'. The data section shows three rows: 'Menu Date: 2025-06-27 (1)', 'Menu Date: 2025-06-28 (1)', and 'Menu Date: 2025-06-29 (1)'. At the bottom, there are 'Back' and 'Next' buttons.

This screenshot shows the same report editor interface, but the visualization has been restored. The 'Data' tab is still selected, and the table structure is identical to the first screenshot. The data section shows the same three rows: 'Menu Date: 2025-06-27 (1)', 'Menu Date: 2025-06-28 (1)', and 'Menu Date: 2025-06-29 (1)'. The 'Back' and 'Next' buttons are visible at the bottom.

**My Cafeteria Dashboard**  | + Add a tab    

Last refreshed: 11 minutes ago

Saved visualization |    

**Cafeteria Report** [2]

> Menu Items	Menu Name	Status	Menu Date ▾
> Menu Date: (2) Show all			

[View all](#)

## 5. UI Action: "Mark As Published"

- Navigation: System Definition → UI Actions → New
- Name: Mark As Published
- Table: Cafeteria Menu Display
- Action Type: Form button
- Condition: current.status != 'Published'

**servicenow** All

Favorites History Workspaces Admin

UI Actions

All

Name	Table	Comments	Form action	List action	Active	Order ▲	Condition	Updated
View in Workspace	Project_Definition_Version [promin_model_def_version]	Updates an existing record and redirects back to self (button version, advanced mode) In Agent Workspace	true	false	true	-10,000	current.getValue('state') === 'AVAILABLE'	2022-02-13 21:34:26
Save	Template [sys_template]	Saves a new record and redirects back to self (button version, advanced mode) In Agent Workspace	false	false	true	-10,000	!current.isNewRecord() && current.canWrite()	2025-04-03 13:00:22
Save	Template [sys_template]	Saves a new record and redirects back to self (button version, advanced mode) In Agent Workspace	false	false	true	-10,000	current.canCreate() && current.isNewRecord()	2025-04-03 13:00:27
Delete	Article_Template [kb.article.template]	Deletes current record after confirmation for Notification Preferences UI	true	false	true	-1,000	false	2025-04-03 13:00:18
Delete	Global [global]	Deletes current record after confirmation for Notification Preferences UI	true	false	true	-1,000	current.isValidRecord() && current.canDelete()	2025-04-03 13:00:19
New	Record Transformer Rule [sys_record_transformer_rule]	Set the rule_sequence field on the sys_record_transformer_rule record created from the related list on sys_record_transformer.	false	true	true	-1,000	current.canCreate() && !RP.getListController().isListControlled()	2025-04-03 13:00:20
Clear	Template [sys_template]	Clears the template applied field values	true	false	true	-1,000	current.canWrite()	2025-04-03 13:00:20

The screenshot displays the ServiceNow UI Actions configuration interface. The top window shows the general configuration for a UI Action named "Mark As Published". It includes fields for Name, Table, Order, Action name, Active status, Show insert, Show update, Client, Overrides, Application, Form button, Form context menu, Form link, Form style, List banner button, List bottom button, List context menu, List choice, List link, List style, and a Script section. The bottom window provides a detailed view of the Script section, showing ECMAScript mode turned on, a script editor containing the following code, and a Protection policy dropdown.

```

1 current.status = 'Published';
2
3         current.update();
4
5         gs.addInfoMessage("Menu has been marked as Published");
6
7         action.setRedirectURL(current);
8
9
10
11

```

## Testing Steps

### 1. Test the Service Catalog

- Navigate to Service Catalog → Cafeteria Services → Submit New Cafeteria Menu - Click Try It, fill the form, and click Order Now

### 2. Test the UI Action

- Navigate to: Cafeteria Menu Display → New Record

- Enter menu details
- Click Mark As Published button

The screenshot shows a software interface for managing cafeteria menus. At the top, there's a header bar with a back arrow, a refresh icon, a three-dot menu, and buttons for 'Update' and 'Delete'. Below the header, a message box says 'Menu has been marked as Published'. The main area contains fields for 'Menu Items' (Noodles, Maggi), 'Status' (Published), 'Menu Date' (2025-06-29), and 'Menu Name' (Chinese). At the bottom, there are 'Update' and 'Delete' buttons.

### Future Enhancements (Optional Ideas)

- Dietary tag support (Vegan, Gluten-Free)
- User notifications for new menus
- Mobile-responsive portal widget
- Integration with external meal APIs