

Cafeteria Menu Display

Project Phase

Date	18-FEB-2026
Team ID	LTVIP2026TMIDS65602
Project Name	Cafeteria Menu Display
Maximum Marks	4 Marks

Problem Statement

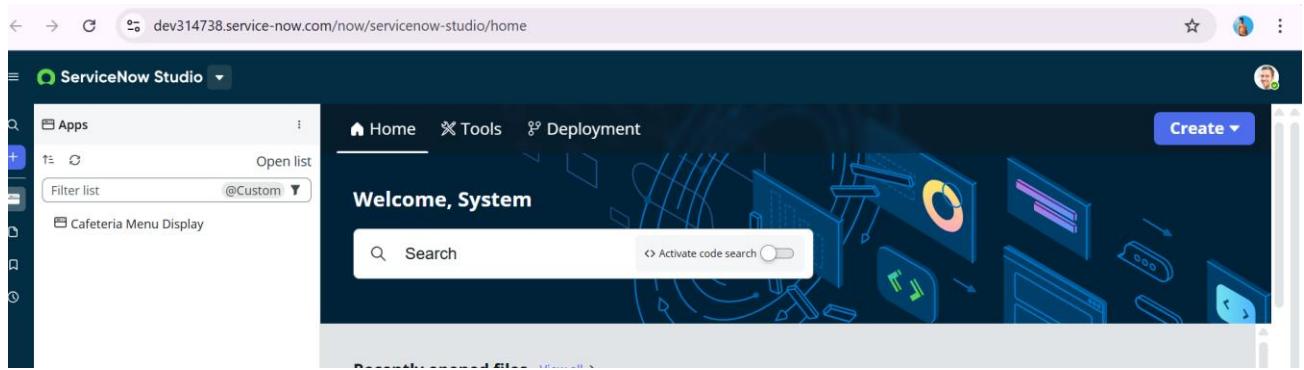
The Cafeteria Menu Display Portal aims to improve how organizations manage, publish, and present cafeteria menus. It allows administrators to:

- 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

The screenshot shows the 'Table - Cafeteria Menu' page in ServiceNow. At the top, there are fields for 'Label' (Cafeteria Menu) and 'Name' (x_1887711_cafete_1_cafeteria_menu). Below this, the 'Application' is listed as 'Cafeteria Menu Display'. The 'Remote Table' section is empty.

Below the application details, there are tabs for 'Columns', 'Controls', and 'Application Access'. The 'Columns' tab is selected, showing a table of 'Dictionary Entries' with columns: Column label, Type, Reference, Max length, Default value, and Display. The entries are:

Column label	Type	Reference	Max length	Default value	Display
Menu Items	Journal Input	(empty)	4,000		false
Updated	Date/Time	(empty)	40		false
Menu Date	Date	(empty)	40		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 and variables.

Screenshot 1: Catalog Item Configuration

This screenshot shows the "Catalog Items" screen with a modal open for a catalog item named "Submit new cafeteria menu". The modal displays various configuration fields:

- 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 Creation

This screenshot shows the "Variable - New Record" screen. A variable named "Submit new cafeteria menu" is being created with the following properties:

- Application: Cafeteria Menu Display
- 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 Details

This screenshot shows the "Catalog Item - Cafeteria Services" screen. It displays the details for a catalog item named "Cafeteria Services".

- Meta field: p
- Related Links: Item Diagnostic, ShowVA.render_type, Run Point Scan
- Variables (3): Date, Single Line Text, Multi Line Text
- Question: Menu Date, Menu Name, Menu Items
- Order: 300, 100, 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 configuration interface. The left sidebar navigation includes 'Favorites', 'History', 'Workspaces', and 'Admin'. Under 'All' results, 'Reports' is expanded, showing 'Platform Analytics Administration', 'Usage and governance', 'Schedules', 'Scheduled Reports', 'Configuration', 'CMDB Reports', 'Service Catalog', 'Catalog Administration', 'Request Reports', 'On-Call Scheduling', and 'Reports' (Overview, My Schedule Report, Schedule Report, Escalations Report, System Security, Reports). The 'Reports' section is currently selected.

The main workspace displays the 'Edit report' screen for 'Cafeteria Report'. The report title is 'Cafeteria Report'. The report type is set to 'list'. A message indicates that the report has been migrated to a visualization. The table 'Cafeteria Menu Display' is selected. The table has columns: Menu Date, Menu Items, Menu Name, and status. Data is shown for three rows:

Menu Date	Menu Items	Menu Name	status
2025-06-27 (1)			
2025-06-28 (1)			
2025-06-29 (1)			

The bottom of the screen shows a 'Next' button.

The screenshot shows the 'Data source for your report' screen for 'Cafeteria Report'. The report name is 'Cafeteria Report', source type is 'Table', and the table is 'Cafeteria Menu Display'. The table has columns: Menu Date, Menu Items, Menu Name, and status. Data is shown for three rows:

Menu Date	Menu Items	Menu Name	status
2025-06-27 (1)			
2025-06-28 (1)			
2025-06-29 (1)			

The bottom of the screen shows a 'Next' button.

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'

Name	Table	Comments	Form action	List action	Active	Order	Condition	Updated
View in Workspace	Project Definition Version [promin_model_def_version]		true	false	true	-10,000	current.getValue('state') == 'AVAILABLE'	2022-02-13 21:34:26
Save	Template [sys_template]	Updates an existing 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		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 new sys_record_transformer_rule record created from the related list on sys_record_transformer.	false	true	true	-1,000	current.canCreate() && !RPGetListControl()	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 shows the ServiceNow UI Actions configuration interface. The top window displays the 'UI Action' configuration for 'Mark As Published'. It includes fields for Name (Mark As Published), Table (Cafeteria Menu Display), Order (100), Action name (mark_as_published), Active (checked), Show insert (checked), Show update (checked), Client (unchecked), and Overrides (empty). The bottom window shows the same configuration with a larger script editor pane. The 'Condition' field contains 'current.status != "Published"'. The 'Script' field contains the following ECMAScript 2021 (ES12) code:

```

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

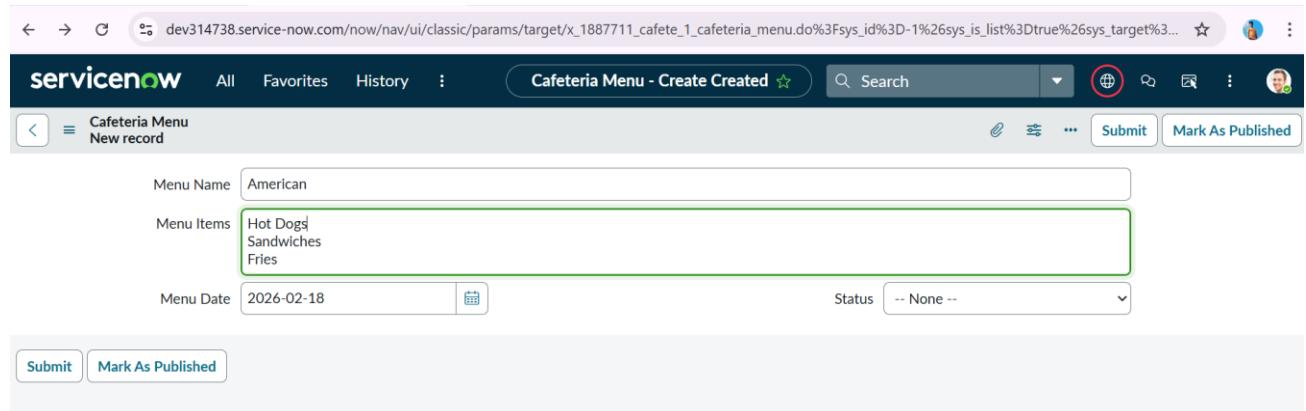
1. Test the Service Catalog

- 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 the 'Cafeteria Menu - Create' screen in ServiceNow. The page title is 'Cafeteria Menu - Create Created'. The 'Menu Name' field contains 'American'. The 'Menu Items' field is a multi-line text area containing 'Hot Dogs', 'Sandwiches', and 'Fries', all of which are highlighted with a green border. The 'Menu Date' field shows '2026-02-18'. The 'Status' field has a dropdown menu with 'None' selected. At the bottom left are 'Submit' and 'Mark As Published' buttons, with 'Mark As Published' also having a green border.

Future Enhancements (Optional Ideas)

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