

# The Implementation of a Custom Command Extension in the SharePoint Framework: A Case Study

## 1. Introduction

SharePoint Framework (SPFx) is a development platform that offers the ability to build on SharePoint capabilities by developing client-side web parts and extensions. Thereof, this case will analyse the process of development and the implementation of a custom command set extension that seeks to enhance the user experience within a SharePoint list view by providing additional commands relevant to the context.

## 2. Proposed Solution

The proposed solution for the problem should be custom command extension with panel open.

It offers:

Displays certain commands depending on how the end-users interact with the list items.

Represents functionalities to operate on bulk selection or multiple list items within the end-user interface.

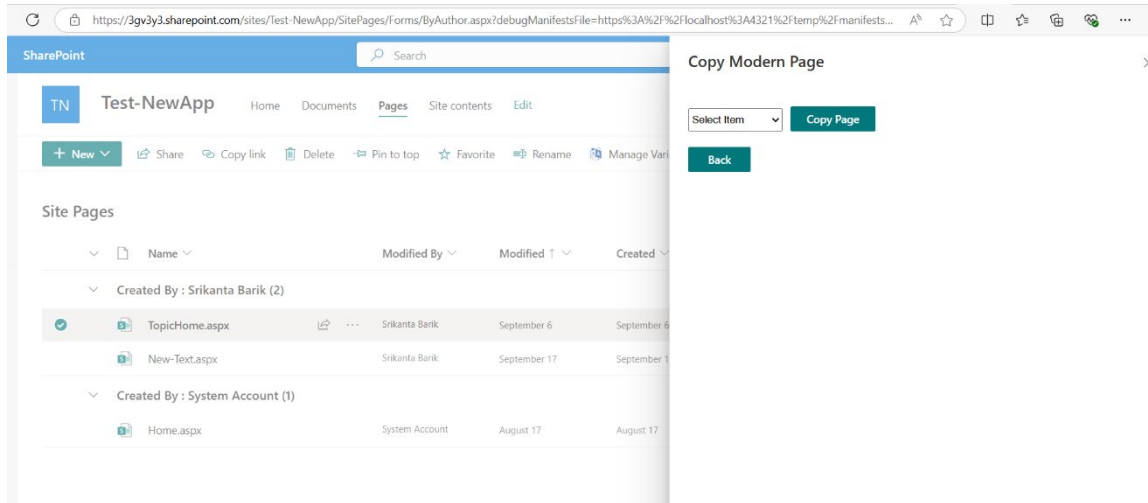
Uses React as an underlying framework for the UI components along with Fluent UI for styling.

## 3. Main Characteristics

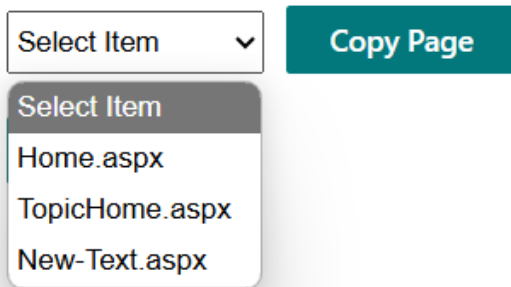
**Dynamic Command Visibility :** Commands are displayed or hidden depending on how many items are selected in the list view.

**Custom Command Logic:** This implements a custom command that allows the user to carry out some interaction with opening another modal dialog (this particular dialog implementation is not contained in this code).

**Use of React and Fluent UI:** This incorporates the use of React to create the user interface components for a more contemporary and effective design.



## Copy Modern Page



# Copy Modern Page




Home.aspx ▾

Copy Page

Back

+ New ▾ | Export to Excel | Copy Page | Power Apps ▾ | Scheduling | Automate ▾ | ...

## Site Pages

▾	Name ▾	Modified By ▾	Modified ↑ ▾	Created ▾	+ Add column
▾	Created By : Srikanta Barik (2)				
	 TopicHome.aspx	Srikanta Barik	September 6	September 6	
	 New-Text.aspx	Srikanta Barik	September 17	September 17	
▾	Created By : System Account (1)				
	 Home.aspx	System Account	August 17	August 17	