

Design Document

Beginner UX Use-Case-01: View Plug-in – Display Text

Version	Date	Author	Description	Status
0.0.1	June 9th, 2023	Rixio Barrios	Initial Draft	Initial
0.0.1	June 9th, 2023	Rixio Barrios	Final Draft	Final

Business Requirement

As a system, I want a custom view plugin that displays the text “Hello World” so that the world knows I am here.

Description of Gap/Gaps

Gap ID	Description
1	Currently the operator is unable to display any text via plugin

Specification Design Details

- The custom plugin will be supported in the following POD types, Work Center, Order and Operation.
- The plugin will be rendered when the operator clicks the “Hello World” button from the POD.
- The Plugin will be closed by selecting the “X” in the upper right-hand corner of the plugin.
- The size of the plugin should consume at least 50% of the available space and be resizable.
- The text is always “Hello World” and cannot be modified by dynamic property settings.
- The text will be Aligned Top vertically, and horizontally centered.
- The Background color is white and the text should be black, using Arial size 12 Font.

Mockup



Narrative

A production operation dashboard will display the words “Hello World” after selecting a Work Center, Resource and Operation Activity.

Assumptions: This solution will assume that operation activities exist under the Work Center>Resources>Operation Activities and they are available.

Technical Details

An operation activity’s status would not affect the custom text plugin from displaying the text.

Unit Test Cases

Unit Test for – Work Center POD execution of Hello World Plugin.

#	Action	Status	Comments
1	Operator clicks on Operation Activity under Work Center POD	Pass	Expected Result: SFC Dashboard is shown
2	Operator clicks on button fort ext plugin	Pass	Expected Result: Text is shown in box

Unit Test for – Order POD execution of Hello World Plugin.

#	Action	Status	Comments
1	Operator clicks on Operation Activity under Order POD	Pass	Expected Result: SFC Dashboard is shown
2	Operator clicks on button fort ext plugin	Pass	Expected Result: Text is shown in box

Unit Test for – Operation POD execution of Hello World Plugin.

#	Action	Status	Comments
1	Operator clicks on Operation Activity under Operation POD	Pass	Expected Result: SFC Dashboard is shown
2	Operator clicks on button fort ext plugin	Pass	Expected Result: Text is shown in box

Unit Test for – Operation POD close of Hello World Plugin.

#	Action	Status	Comments
1	Operator close Operation Activity under Work Center POD	Failed	Expected Result: Plugin closes correctly

Unit Test for – Order POD close of Hello World Plugin.

#	Action	Status	Comments
1	Operator close Operation Activity under Order POD	Failed	Expected Result: Plugin closes correctly

Unit Test for – Order POD close of Hello World Plugin.

#	Action	Status	Comments
1	Operator close Operation Activity under Operation POD	Failed	Expected Result: Plugin closes correctly

Note: Close button does not work for custom Hello World plugin or built-in Data Collection List plugin.