Pages / GIT Manufacturing Operations / DevOps

Spaces and Pages in S4 HANA Fiori Launchpad

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Overview

Fiori launchpad is the place where we can see Fiori Application tiles. Tiles are grouped under various groups.

From SAP S4 HANA 2020 SAP has introduced Spaces and Pages feature.
Spaces can be seen as Menu and pages are the menu options. Each page can have one or more sections and each section can have one or more tiles.
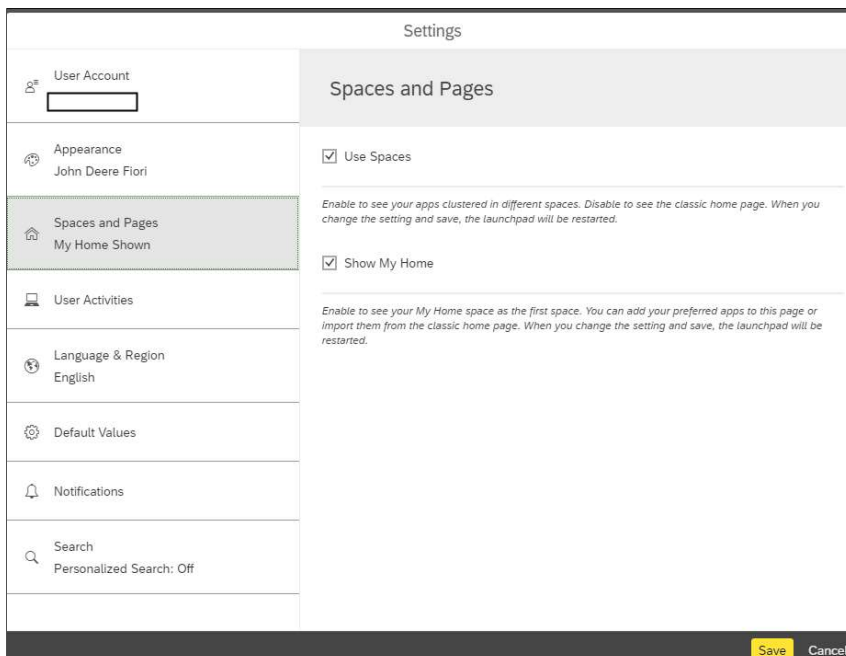
In below image 'DevOps' is a space which has two pages 'Analytics' and 'Key User Extensibility'.

Analytics page has one section 'KPI'.
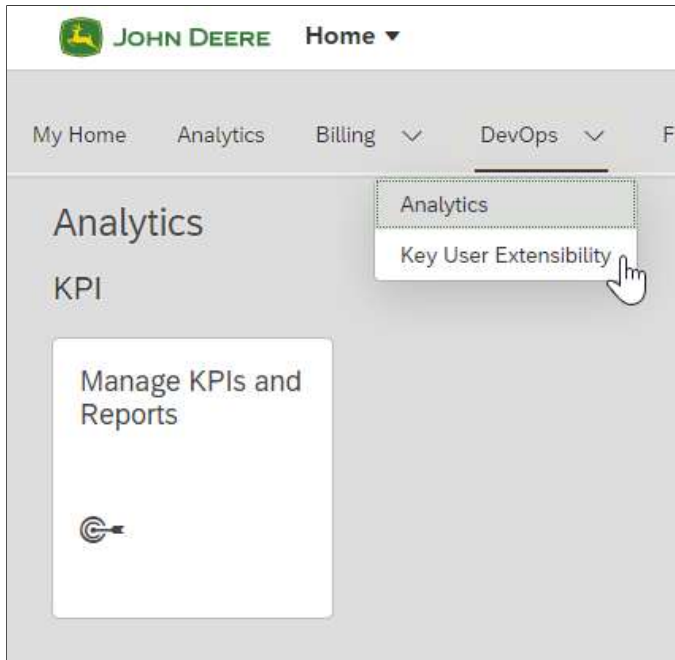
'Spaces and Pages' feature is added on Fiori launchpad to improve user experience.

You can find the switch to enable spaces and pages under settings (User Profile->Settings) of Fiori launchpad.

⚠️ Along with spaces and pages catalog and groups will also be available on Fiori launchpad. If we choose 'Use Spaces' option, groups will not be disabled.

Pre-requisite:

- SAP S/4 HANA 2020
- Access to 'Manage Launchpad Spaces' and 'Manage Launchpad Pages' Fiori applications.

ⓘ Manage Launchpad Spaces and Manage Launchpad Pages application does not have any standard role. To enable those on Fiori launchpad create new role and assign to your user id.

Details

Let's understand how to create spaces, pages and sections and assign tiles to sections.

Create Space and Page using Manage Launchpad Spaces Application

1) Launch 'Manage Launchpad Spaces' application
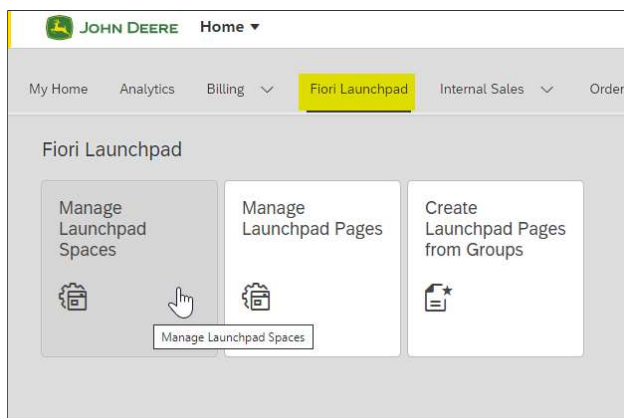
2) This application lists existing spaces in default view. We can use this application to create/copy/delete spaces.
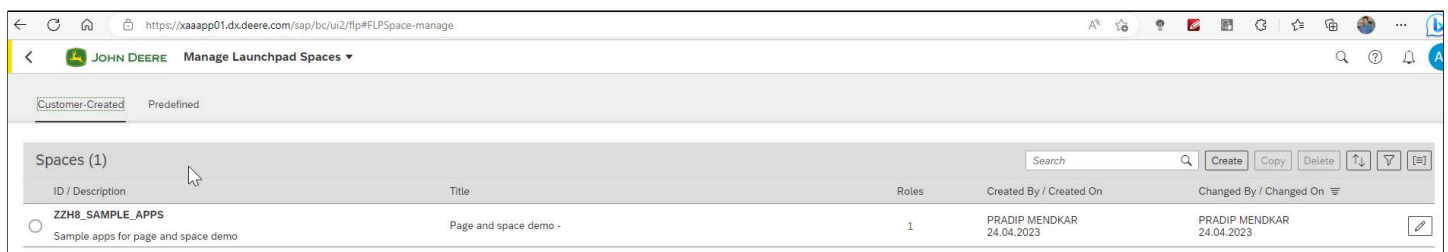
⚠️ To check SAP provided spaces please refer 'Predefined' tab in the application.

3) Click on 'Create' button to create new space.

4) Provide details.

Create Space

Space ID: *

Z_DEVOPS_SPACE

Space Description: *

DevOps Applications

Space Title: *

DevOps

☑ Also create a page

Page ID: *

Z_ANALYTICS_PAGE

Page Description: *

Analytics Applications

Page Title: *

Analytics

Transport: *

Pages and Spaces Demo

Create   Cancel

⚠ Creating Page is optional. If we want to create page select the 'Also create a page' checkbox.

5) Once the space is created you can see it's details. If page is 'Hidden' then make it visible by clicking the 'Set Visible' option.

< JOHN DEERE   Space Details ▾

Z_DEVOPS_SPACE
DevOps Applications

General Data   Pages (1)   Role Assignment (0)   Transports (1)

Remove Page Set Visible ↓ ↑

ID	Description	Title	Page Visibility	
Z_ANALYTICS_PAGE	Analytics Applications	Analytics	Hidden	>

Z_DEVOPS_SPACE
DevOps Applications

General Data   Pages (1)   Role Assignment (0)   Transports (1)

Remove Page Set Hidden ↓ ↑

ID	Description	Title	Page Visibility	
Z_ANALYTICS_PAGE	Analytics Applications	Analytics	Visible	>

6) Don't forget to save after changes.

Z_DEVOPS_SPACE
DevOps Applications

General Data   Pages (1)   Role Assignment (0)   Transports (1)

ID ≡	Description	Title	Page Visibili
Z_ANALYTICS_PAGE	Analytics Applications	Analytics	Visible

Your changes have been saved.

7) Now you can see the space in the homepage of 'Manage Launchpad Spaces' application.

Customer-Created   Predefined

Spaces (2)   Search 🔍   Create   Copy   Delete ↑↓ ▽ [=]

	ID / Description	Title	Roles	Created By / Created On	Changed By / Changed On ≡	
⦿	Z_DEVOPS_SPACE DevOps Applications	DevOps	0	Arun Jadhav 24.04.2023	Arun Jadhav 24.04.2023	✎
○	ZZH8_SAMPLE_APPS Sample apps for page and space demo	Page and space demo -	1	PRADIP MENDKAR 24.04.2023	PRADIP MENDKAR 24.04.2023	✎

8) Click on navigation button to add section and tile in the page.

Z_DEVOPS_SPACE
DevOps Applications

General Data   Pages (1)   Role Assignment (0)   Transports (1)

                                                    Remove Page Set Hidden ↓ ↑

ID ≡	Description	Title	Page Visibility
⦿ Z_ANALYTICS_PAGE	Analytics Applications	Analytics	Visible

9) You can observe the page shows 'Not Assigned to Role'

‹   🟢 JOHN DEERE   Manage Launchpad Pages ▾   🔍 ⑦ 🔔

Z_ANALYTICS_PAGE Not Assigned to Role   Edit Copy Delete Page Preview
Analytics Applications

General Data   Page Content   Space Assignment (1)   Transports (1)

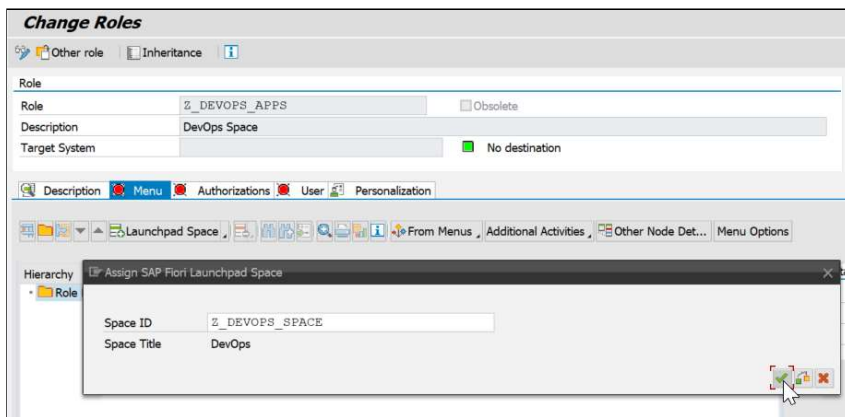There are no sections. The page is empty.

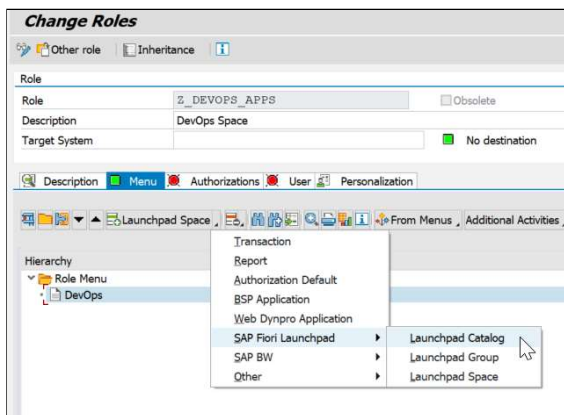10) Create new role and add newly created space in the role.

Role Maintenance

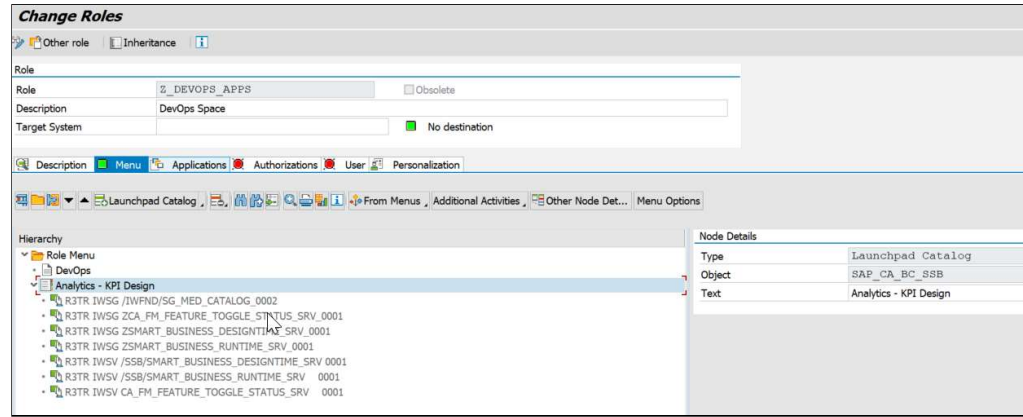📋 🗑 📇 | ℹ 🔲+Transactions

Role   [Z_DEVOPS_APPS   ] 🔲 ✎ ⚙ ▯   Single Role
Short Description
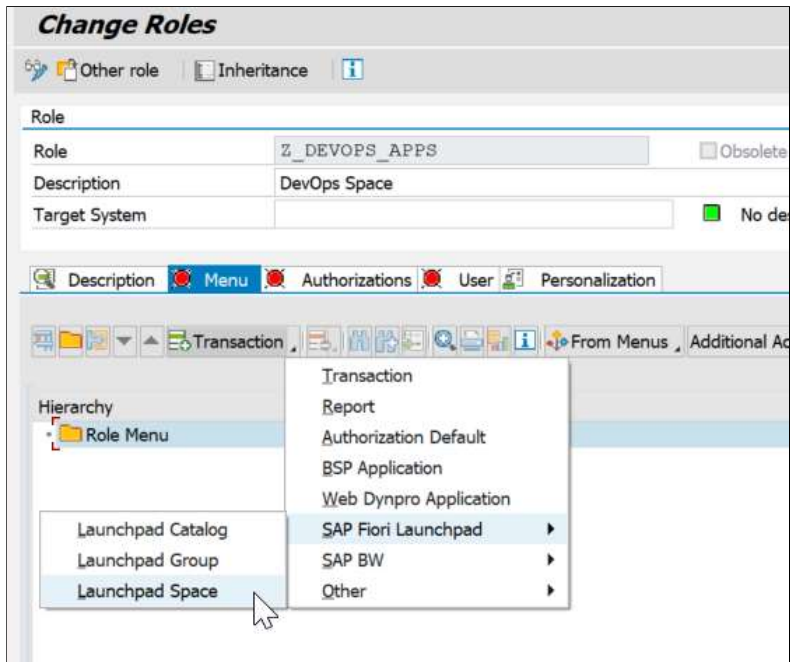
11) Also add catalog from which we will be adding tiles inside page.

Change Roles

Other role | Inheritance | i

Role

Role	Z_DEVOPS_APPS	☐ Obsolete
Description	DevOps Space	
Target System		🟩 No destination

🔍 Description | 🟦 Menu | Applications | Authorizations | User | Personalization

Hierarchy

- 📁 Role Menu
  - 📄 DevOps
  - 📁 Analytics - KPI Design
    - R3TR IWSG /IWFND/SG_MED_CATALOG_0002
    - R3TR IWSG ZCA_FM_FEATURE_TOGGLE_STATUS_SRV_0001
    - R3TR IWSG ZSMART_BUSINESS_DESIGNTIME_SRV_0001
    - R3TR IWSG ZSMART_BUSINESS_RUNTIME_SRV_0001
    - R3TR IWSV /SSB/SMART_BUSINESS_DESIGNTIME_SRV 0001
    - R3TR IWSV /SSB/SMART_BUSINESS_RUNTIME_SRV   0001
    - R3TR IWSV CA_FM_FEATURE_TOGGLE_STATUS_SRV   0001

Node Details

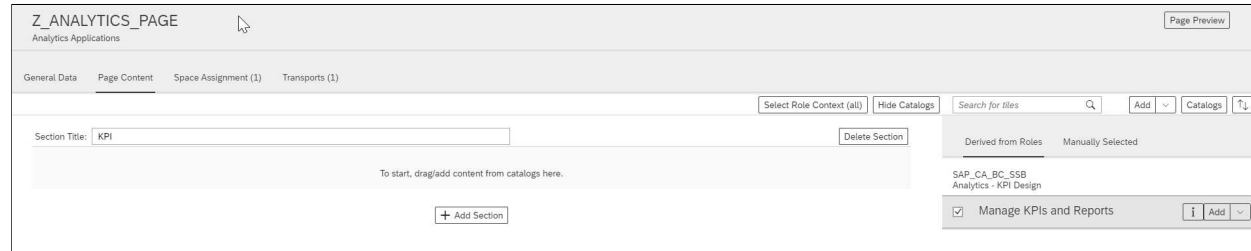| Type | Launchpad Catalog |
| Object | SAP_CA_BC_SSB |
| Text | Analytics - KPI Design |

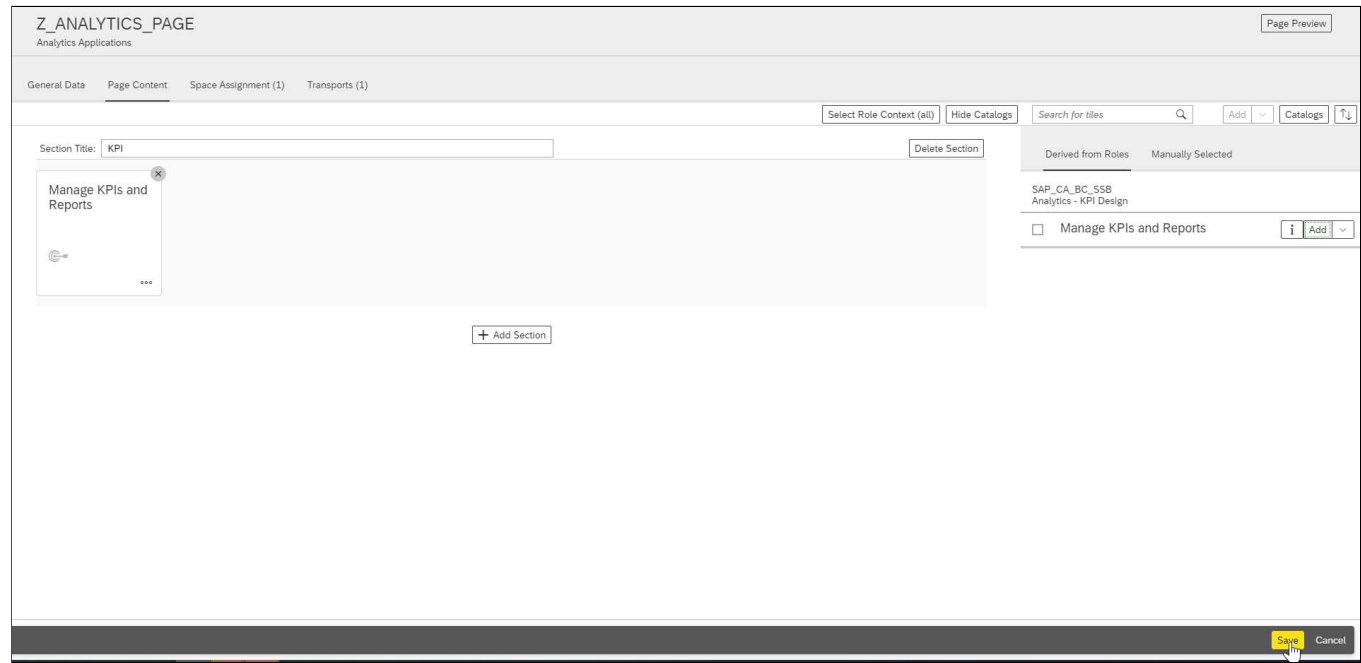⚠️ Make sure to assign this role to your user id to make this space visible on your Fiori launchpad.

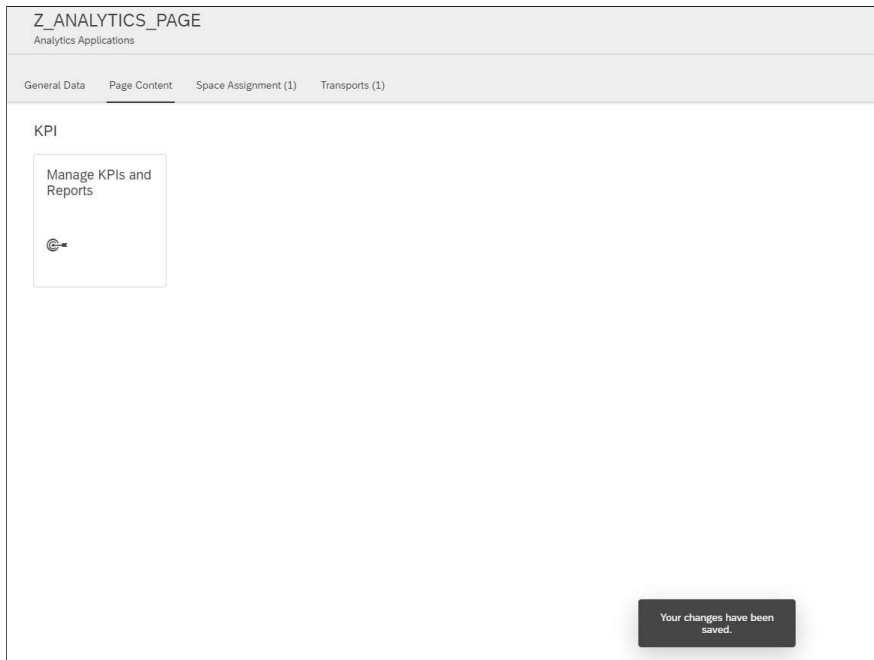12) Once you save the role you can see the page without any warning. Click on 'Edit' button to section and tiles.

Z_ANALYTICS_PAGE
Analytics Applications

Edit | Copy | Delete | Page Preview

General Data | Page Content | Space Assignment (1) | Transports (1)

There are no sections. The page is empty.

13) Add section on left and select tiles to be added under created section from right.

Z_ANALYTICS_PAGE
Analytics Applications

Page Preview

General Data | Page Content | Space Assignment (1) | Transports (1)

Select Role Context (all) | Hide Catalogs | Search for tiles | Add | Catalogs

Section Title: KPI

Delete Section

Derived from Roles   Manually Selected

To start, drag/add content from catalogs here.

SAP_CA_BC_SSB
Analytics - KPI Design

☑ Manage KPIs and Reports | i | Add |

+ Add Section

14) After adding the tiles make sure to save the changes.

Z_ANALYTICS_PAGE
Analytics Applications

Page Preview

General Data | Page Content | Space Assignment (1) | Transports (1)

Select Role Context (all) | Hide Catalogs | Search for tiles | Add | Catalogs

Section Title: KPI

Delete Section

Derived from Roles   Manually Selected

Manage KPIs and Reports
✕

SAP_CA_BC_SSB
Analytics - KPI Design

☐ Manage KPIs and Reports | i | Add |

+ Add Section

Save | Cancel

Z_ANALYTICS_PAGE
Analytics Applications

General Data   Page Content   Space Assignment (1)   Transports (1)

KPI

Manage KPIs and
Reports

Your changes have been
saved.

15) Now check your Fiori launchpad. You should see space 'DevOps' which has section KPI and the application tile under it.

JOHN DEERE   Home ▼
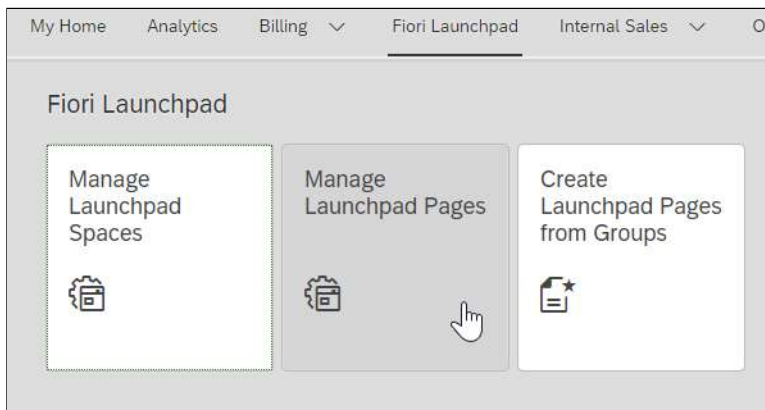
My Home   Analytics   Billing ∨   DevOps   Fiori La

KPI

Manage KPIs and
Reports
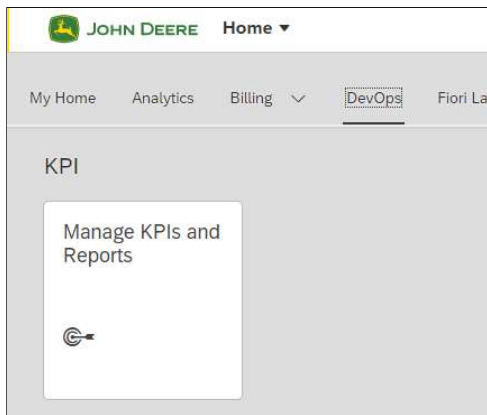
⚠ If we have one page assigned to space then space will not show dropdown button. For more than one page you can see dropdown. On click on
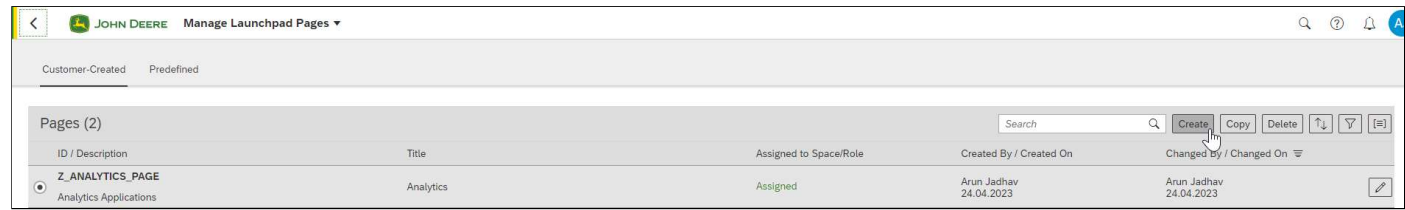   dropdown all pages will be shown.

Assign Pages to existing space.

In previous section we have seen how to create space and page. Now let's see how to create new page and assign it to existing space.

1) Open 'Manage Launchpad Pages' Fiori application.

My Home   Analytics   Billing ∨   Fiori Launchpad   Internal Sales ∨   Or

Fiori Launchpad

Manage
Launchpad
Spaces

Manage
Launchpad Pages

Create
Launchpad Pages
from Groups

2) Click on 'Create' button to create new page.

3) Fill the details.

4) Assign the newly created page to existing space. You can choose 'Manage Launchpad Spaces' which will navigate you to

'Manage Launchpad Spaces' application.

5) Click on 'Edit' button to assign newly created page to space.
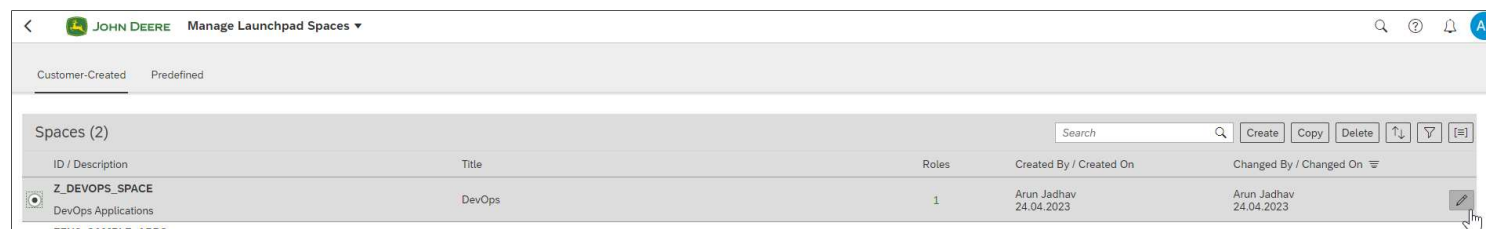
6) Select page from right side of the application and add it to selected space.

7) Save it after adding the page to space.

Z_DEVOPS_SPACE
DevOps Applications

General Data   Pages (2)   Role Assignment (1)   Transports (1)

Remove Page | Set Hidden | ↓ | ↑   Z_EXTENSIBILITY_AP... ⊗ 🔍   Add | ↑↓

ID △	Description	Title	Page Visibility
◉ Z_ANALYTICS_PAGE	Analytics Applications	Analytics	Visible 〉
◯ Z_EXTENSIBILITY_APPS_PAGE	Key User Extensibility Applications	Key User Extensibility	Visible 〉

No pages available.

Page added

Save | Cancel

8) Make sure to update the role with the catalog from which we want to copy the tiles in the page.

Change Roles

🔧 📋 Other role | Inheritance | ℹ️

Role

Role	Z_DEVOPS_APPS	☐ Obsolete
Description	DevOps Space	
Target System		🟩 No destination

🔍 Description 🟩 Menu 📋 Applications 🔴 Authorizations 🟩 User 🖊 Personalization

📋📁📋▲🔺🖇Launchpad Catalog 🔽 🖹 🔍📋🔍🖨📋ℹ️ 🖇From Menus 🔽 Additional Activities 🔽 🖹Other Node Det... Menu Options

Hierarchy		Node Details	
• 📋 R3TR IWSV /SSB/SMART_BUSINESS_RUNTIME_SRV 0001		Type	Launchpad Catalog
• 📋 R3TR IWSV CA_FM_FEATURE_TOGGLE_STATUS_SRV 0001		Object	SAP_BASIS_BC_EXT
☑ 📋 Extensibility		Text	Extensibility
• 📋 R3TR IWSG ZAPL_LOG_MANAGEMENT_SRV_0001			
• 📋 R3TR IWSG ZAPS_CDS_GKE_SRV_0001			
• 📋 R3TR IWSG ZAPS_CUSTOM_FIELD_MAINTENANCE_SRV_0001			
• 📋 R3TR IWSG ZAPS_DATA_SOURCE_EXTENSION_SRV_0001			
• 📋 R3TR IWSG ZAPS_EXT_AFT_SRV_0001			
• 📋 R3TR IWSG ZAPS_EXT_ATO_PK_AI_SRV_0001			
• 📋 R3TR IWSG ZAPS_EXT_ATO_PK_CFG_SRV_0001			
• 📋 R3TR IWSG ZAPS_EXT_CBO_D_SRV_0001			
• 📋 R3TR IWSG ZAPS_EXT_CCL_SRV_0001			

9) After role changes update the page and assign one or more application under section.

Z_EXTENSIBILITY_APPS_PAGE
Key User Extensibility Applications   Page Preview

General Data   Page Content   Space Assignment (1)   Transports (1)

Select Role Context (all) | Hide Catalogs   Search for tiles 🔍   Apps ▽ | Catalogs | ↑↓

Section Title: Key User   Delete Section

Derived from Roles   Manually Selected

To start, drag/add content from catalogs here.

SAP_CA_BC_SSB
Analytics - KPI Design

+ Add Section

☐ Manage KPIs and Reports   ℹ️ Add ▽

SAP_BASIS_BC_EXT
Extensibility

☐ Configure Software Packages   ℹ️ Add ▽

☐ Custom Business Objects   ℹ️ Add ▽

☑ Custom CDS Views
  To be Deprecated   ℹ️ Add ▽

☑ Custom CDS Views   ℹ️ Add ▽

☑ Custom Fields   ℹ️ Add ▽

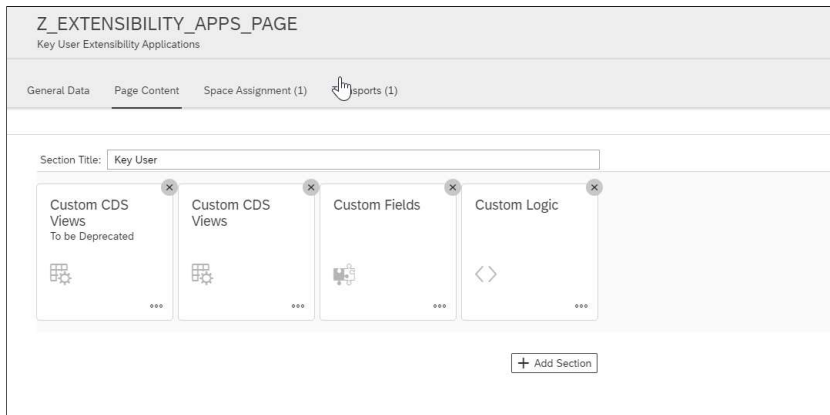☐ Custom Fields and Logic
  (Deprecated)   ℹ️ Add ▽
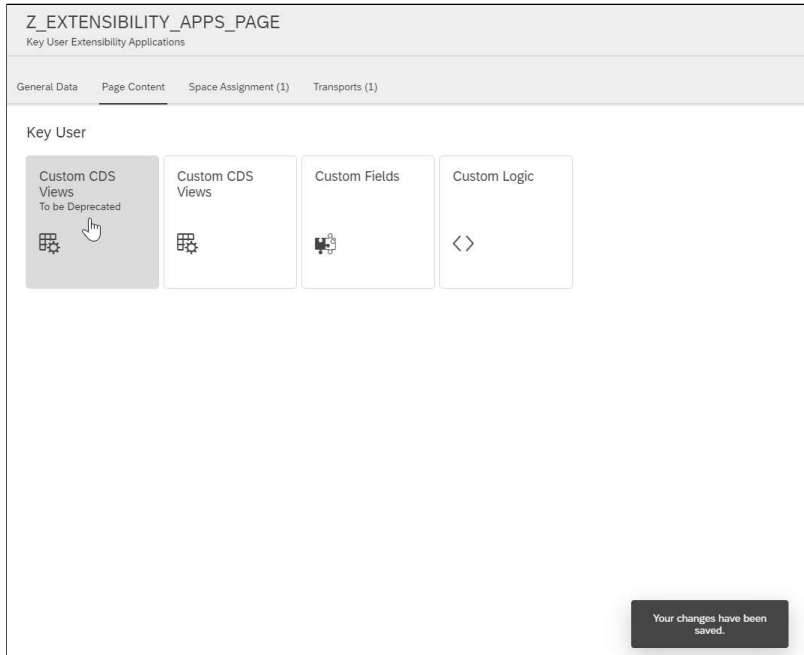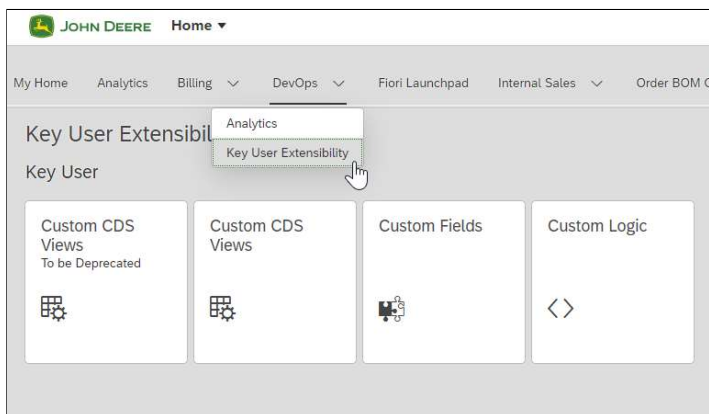
☑ Custom Logic   ℹ️ Add ▽

10) Save the page changes.

11) Now if you try to refresh your launchpad you can see the space and pages. On click of specific page you can see the related tiles.

Summary

With Spaces and pages feature, we can group related applications under one space. Pages are nothing but the mu options under space.

Once we understand the user needs, we can create spaces and pages to reduce the navigation time of user on Fiori launchpad.

s4hana   fiori   fiori-launchpad   space   page   tiles