

UX403

SAP Fiori Elements Development

COURSE OUTLINE

Course Version: 23

Course Duration:

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Typographic Conventions

American English is the standard used in this handbook.

The following typographic conventions are also used.

This information is displayed in the instructor's presentation	
Demonstration	
Procedure	
Warning or Caution	
Hint	
Related or Additional Information	
Facilitated Discussion	
User interface control	<i>Example text</i>
Window title	<i>Example text</i>

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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Developer
- Solution Architect
- User Experience Designer

Lesson 1: Understanding SAP's UX Strategy

Lesson Objectives

After completing this lesson, you will be able to:

- Understand SAP's UX strategy

Lesson 1: Explore the SAP Business Application Studio

Lesson Objectives

After completing this lesson, you will be able to:

- Explore the SAP Business Application Studio

Lesson 1: Explaining the Architecture of Fiori Elements

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the advantages of using SAP Fiori Elements for SAP Fiori app development
- Describe the concept of adding annotations to OData services
- Define smart controls

Lesson 2: Explaining Templates for Fiori Elements

Lesson Objectives

After completing this lesson, you will be able to:

- Identify the different templates of SAP Fiori Elements

Lesson 3: Exploring the Basic Process of Building Fiori Elements Application

Lesson Objectives

After completing this lesson, you will be able to:

- List the basic process steps of building SAP Fiori Elements applications

Lesson 4: Using the Core Data Services (CDS) View

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the usage of CDS view

Lesson 5: Using the Service Adaption Definition Language (SADL)

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the usage of SADL for publishing CDS views to an Odata service

Lesson 6: Explaining Metadata Extension

Lesson Objectives

After completing this lesson, you will be able to:

- List the steps for implementing a metadata extension

Lesson 7: Learning Scenarios of Fiori Elements Implementation

Lesson Objectives

After completing this lesson, you will be able to:

- List the scenarios for SAP Fiori Elements implementation

Lesson 1: Explaining Basic Annotations for List Report

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the basic annotations for creating a list report
- Describe options for adjusting the display of columns

Lesson 2: Using Searching and Filtering Data

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the annotations for searching and filtering functions in a List Report

Lesson 3: Providing the Value Help

Lesson Objectives

After completing this lesson, you will be able to:

- List the steps for creating foreign key based and modeled value help view

Lesson 4: Explaining Variant Management

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the usage of variants in list reports

Lesson 1: Using Basic Annotations for Object Pages

Lesson Objectives

After completing this lesson, you will be able to:

- List the key features and basic annotations for object pages

Lesson 2: Using Header Facets for Object Pages

Lesson Objectives

After completing this lesson, you will be able to:

- Define the different types of header facets for object pages

Lesson 3: Using Sections and Facets in Object Pages

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the annotations for adding sections and facets to Object Pages

Lesson 1: Explaining Navigation Concept and Annotations

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the configuration of internal navigation in manifest.json
- Describe options of external navigation

Lesson 2: Using Data Visualization

Lesson Objectives

After completing this lesson, you will be able to:

- Identify different ways to visualize data in a list report and an object page

Lesson 3: Creating Charts

Lesson Objectives

After completing this lesson, you will be able to:

- List the annotations for defining charts in object pages

Lesson 4: Performing CRUD operations with BOPF

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the steps to perform CRUD operations with BOPF

Lesson 1: Exploring the Overview Page (OVP)

Lesson Objectives

After completing this lesson, you will be able to:

- Identify the components of an Overview page
- List the steps to create an Overview page

Lesson 1: Exploring the Analytical List Page

Lesson Objectives

After completing this lesson, you will be able to:

- Identify the components and key capabilities of an Analytical List Page