UX410

UI Development with SAP Fiori

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	*Example text*
Window title	*Example text*

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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Development Consultant
- Developer

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UNIT 1 Introduction to User Experience (UX)

Lesson 1: Explaining UX versus Usability versus UI

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the differences between UX, usability, and UI

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UNIT 2 SAP UX Strategy

Lesson 1: Introducing the SAP UX Strategy

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the SAP UX strategy

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UNIT 3 SAP Fiori UX

Lesson 1: Explaining the SAP Fiori UX

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the SAP Fiori UX

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UNIT 4 User Experience Design

Lesson 1: Explaining Design Thinking

Lesson Objectives

After completing this lesson, you will be able to:

- Explain design thinking

Lesson 2: Explaining Decomposition and Re-composition

Lesson Objectives

After completing this lesson, you will be able to:

- Explain decomposition and re-composition

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UNIT 5 SAP Fiori Design Guidelines

Lesson 1: Understanding SAP Fiori Design Guidelines

Lesson Objectives

After completing this lesson, you will be able to:

- Understand SAP Fiori design guidelines

Lesson 2: Understanding App Types

Lesson Objectives

After completing this lesson, you will be able to:

- Understand app types

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UNIT 6 Development Basics SAP Business Application Studio

Lesson 1: Using the Development Tools of SAP Business Application Studio

Lesson Objectives

After completing this lesson, you will be able to:

- Use the development tools of SAP Business Application Studio

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UNIT 7 SAPUI5 Advanced Topics

Lesson 1: SAPUI5 at a Glance

Lesson Objectives

After completing this lesson, you will be able to:

- Understand SAPUI5

Lesson 2: Understanding SAPUI5: Bootstrapping and MVC

Lesson Objectives

After completing this lesson, you will be able to:

- Understand SAPUI5: bootstrapping and MVC

Lesson 3: Understanding SAPUI5: Routing and Navigation

Lesson Objectives

After completing this lesson, you will be able to:

- Understand SAPUI5: Routing and Navigation

Lesson 4: Understanding SAPUI5: OData and the ODataModel

Lesson Objectives

After completing this lesson, you will be able to:

- Understand SAPUI5: OData and the ODataModel

Lesson 5: Understanding SAPUI5: Visualizing Business Data

Lesson Objectives

After completing this lesson, you will be able to:

- Understand SAPUI5: Visualizing business data

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UNIT 8

Applying the Golden Rules of SAPUI5 Development

Lesson 1: Deconstructing the Golden Rules of SAPUI5 Development

Lesson Objectives

After completing this lesson, you will be able to:

- Apply the golden rules of SAPUI5 development to develop SAP Fiori apps

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UNIT 9 SAP Fiori Launchpad

Lesson 1: Understanding the SAP Fiori Launchpad

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the SAP Fiori launchpad

Lesson 2: Understanding the Technical Perspective of SAP Fiori Launchpad

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the technical perspective of SAP Fiori launchpad

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UNIT 10

SAP Fiori Launchpad Configuration

Lesson 1: Understanding the SAP Fiori Launchpad Configuration

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the SAP Fiori launchpad configuration

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UNIT 11

SAP Fiori Layout Decision Guidelines

Lesson 1: Differentiating between Application Framework, Page Layout, and Floorplans

Lesson Objectives

After completing this lesson, you will be able to:

- Differentiate between application framework, page layout, and floorplans

Lesson 2: Creating a Dynamic Page App

Lesson Objectives

After completing this lesson, you will be able to:

- Create a dynamic page app

Lesson 3: Understanding the Flexible Column Layout

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the flexible-column layout

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UNIT 12

Applying SAP Fiori Design Guidelines

Lesson 1: Working with SAP Fiori Design Guidelines

Lesson Objectives

After completing this lesson, you will be able to:

- Apply SAP Fiori design guidelines to provide consistent user experience

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UNIT 13 Utilizing SAPUI5 Flexibility

Lesson 1: Extending SAP Fiori Apps with SAPUI5 Flexibility

Lesson Objectives

After completing this lesson, you will be able to:

- Extend SAP Fiori apps using the SAPUI5 Flexibility functionality

Lesson 2: Implementing View Extension, Modification, and Replacement

Lesson Objectives

After completing this lesson, you will be able to:

- Extend apps by implementing view extension, modifications, and replacement

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UNIT 14 SAP Fiori Elements

Lesson 1: Understanding SAP Fiori Elements

Lesson Objectives

After completing this lesson, you will be able to:

- Understand SAP Fiori elements

Lesson 2: Implementing SAP Fiori Elements

Lesson Objectives

After completing this lesson, you will be able to:

- Implement annotations and vocabularies

Lesson 3: Implementing List Report using SAP Fiori Elements

Lesson Objectives

After completing this lesson, you will be able to:

- Implement list report with SAP Fiori elements

Lesson 4: Implementing Search and Filter Capabilities with SAP Fiori Elements

Lesson Objectives

After completing this lesson, you will be able to:

- Implement search and filter capabilities with SAP Fiori elements

Lesson 5: Implementing Object Page with SAP Fiori Elements

Lesson Objectives

After completing this lesson, you will be able to:

- Implement object page with SAP Fiori elements

Lesson 6: Displaying Dependent Entities as SAP Fiori Elements

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Lesson Objectives

After completing this lesson, you will be able to:

- Display dependent entities as SAP Fiori elements

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UNIT 15 Continuous Integration and Delivery

Lesson 1: Introduce Continuous Integration and Delivery

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the lean development infrastructure

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UNIT 16

Using SAP Fiori Launchpad Services

Lesson 1: Analysing Technical Aspects of SAP Fiori Launchpad

Lesson Objectives

After completing this lesson, you will be able to:

- Analyze the technical aspects of SAP Fiori Launchpad with regards to launching SAP Fiori applications

Lesson 2: Configuring SAP Fiori Launchpad

Lesson Objectives

After completing this lesson, you will be able to:

- Configure SAP Fiori Launchpad to launch SAP Fiori applications

Lesson 3: Implementing the CrossApplicationNavigation Service

Lesson Objectives

After completing this lesson, you will be able to:

- Implement the CrossApplicationNavigation service to navigate between SAP Fiori applications

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