UX410

Developing SAP Fiori UIs

COURSE OUTLINE

Course Version: 22
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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Contents

vii	Course Overview	
1	Unit 1:	Introduction to User Experience (UX)
1		Lesson: Explaining UX versus Usability versus UI
3	Unit 2:	SAP UX Strategy
3		Lesson: Introducing the SAP UX Strategy
5	Unit 3:	SAP Fiori UX
5		Lesson: Explaining the SAP Fiori UX
7	Unit 4:	User Experience Design
7		Lesson: Explaining Design Thinking
7		Lesson: Explaining Decomposition and Re-composition
9	Unit 5:	SAP Fiori Design Guidelines
9		Lesson: Understanding SAP Fiori Design Guidelines
9		Lesson: Understanding App Types
11	Unit 6:	Development Basics SAP Business Application Studio
11		Lesson: Using the Development Tools of SAP Business Application Studio
13	Unit 7:	SAPUI5 Advanced Topics
13		Lesson: SAPUI5 at a Glance
13		Lesson: Understanding SAPUI5: Bootstrapping and MVC
13		Lesson: Understanding SAPUI5: Routing and Navigation
13		Lesson: Understanding SAPUI5: OData and the ODataModel
13		Lesson: Understanding SAPUI5: Visualizing Business Data
15	Unit 8:	Golden Rules of SAPUI5 Development
15		Lesson: Knowing the Golden Rules of SAPUI5 Development
17	Unit 9:	SAP Fiori Launchpad
17		Lesson: Understanding the SAP Fiori Launchpad
17		Lesson: Understanding the Technical Perspective of SAP Fiori Launchpad

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19	**Unit 10:**	**SAP Fiori Launchpad Configuration**
19		Lesson: Understanding the SAP Fiori Launchpad Configuration
21	**Unit 11:**	**SAP Fiori Layout Decision Guidelines**
21		Lesson: Differentiating between Application Framework, Page Layout, and Floorplans
21		Lesson: Creating a Dynamic Page App
21		Lesson: Understanding the Flexible Column Layout
23	**Unit 12:**	**SAP Fiori Design Guidelines**
23		Lesson: Understanding Floorplans as Defined in the SAP Fiori Guidelines
23		Lesson: Understanding List Report, as Defined in the SAP Fiori Guidelines
23		Lesson: Understanding the Object Page
23		Lesson: Understanding Worklist, as Defined in the SAP Fiori Guidelines
23		Lesson: Understanding Wizard Floorplan, as Defined in the SAP Fiori Guidelines
24		Lesson: Understanding the Overview Page
24		Lesson: Understanding Draft Handling
24		Lesson: Understanding SAP Fiori Locking
25	**Unit 13:**	**SAPUI5 Flexibility**
25		Lesson: Explaining Extension Points in SAPUI5
25		Lesson: Implementing View Extension, Modification, and Replacement
27	**Unit 14:**	**SAP Fiori Elements**
27		Lesson: Understanding SAP Fiori Elements
27		Lesson: Implementing SAP Fiori Elements
27		Lesson: Implementing List Report using SAP Fiori Elements
27		Lesson: Implementing Search and Filter Capabilities with SAP Fiori Elements
27		Lesson: Implementing Object Page with SAP Fiori Elements
27		Lesson: Displaying Dependent Entities as SAP Fiori Elements
29	**Unit 15:**	**Continuous Integration and Delivery**
29		Lesson: Introduce Continuous Integration and Delivery

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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 Golden Rules of SAPUI5 Development

Lesson 1: Knowing the Golden Rules of SAPUI5 Development

Lesson Objectives

After completing this lesson, you will be able to:

- Know the golden rules of SAPUI5 development

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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 SAP Fiori Design Guidelines

Lesson 1: Understanding Floorplans as Defined in the SAP Fiori Guidelines

Lesson Objectives

After completing this lesson, you will be able to:

- Understand floorplans as defined in the SAP Fiori guidelines

Lesson 2: Understanding List Report, as Defined in the SAP Fiori Guidelines

Lesson Objectives

After completing this lesson, you will be able to:

- Understand list report, as defined in the SAP Fiori guidelines

Lesson 3: Understanding the Object Page

Lesson Objectives

After completing this lesson, you will be able to:

- Understand object page

Lesson 4: Understanding Worklist, as Defined in the SAP Fiori Guidelines

Lesson Objectives

After completing this lesson, you will be able to:

- Understand worklist, as defined in the SAP Fiori guidelines

Lesson 5: Understanding Wizard Floorplan, as Defined in the SAP Fiori Guidelines

Lesson Objectives

After completing this lesson, you will be able to:

- Understand wizard floorplan, as defined in the SAP Fiori Guidelines

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Lesson 6: Understanding the Overview Page

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the overview page, as defined in the SAP Fiori Guidelines

Lesson 7: Understanding Draft Handling

Lesson Objectives

After completing this lesson, you will be able to:

- Understand draft handling, as defined in the SAP Fiori guidelines

Lesson 8: Understanding SAP Fiori Locking

Lesson Objectives

After completing this lesson, you will be able to:

- Understand SAP Fiori locking

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UNIT 13 SAPUI5 Flexibility

Lesson 1: Explaining Extension Points in SAPUI5

Lesson Objectives

After completing this lesson, you will be able to:

- Explain extension points in SAPUI5

Lesson 2: Implementing View Extension, Modification, and Replacement

Lesson Objectives

After completing this lesson, you will be able to:

- Implement 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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