

SAP User Experience Fundamentals and Best Practices

**COURSE OUTLINE** 

Course Version: 22 Course Duration:

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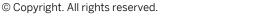
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# **Typographic Conventions**

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	1 2 3
Warning or Caution	
Hint	
Related or Additional Information	>
Facilitated Discussion	<b></b>
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:

- Business Analyst
- Business Process Architect
- Business Process Owner/Team Lead/Power User
- Enterprise Architect
- Help Desk/CoE Support
- Industry Specialist
- Solution Architect
- Trainer
- User
- User Experience Designer



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# UNIT1 Introduction to SAP User Experience

# Lesson 1: Explaining Design Thinking

#### **Lesson Objectives**

After completing this lesson, you will be able to:

• Explain Design Thinking

# Lesson 2: Exploring the SAP User Experience Strategy

#### **Lesson Objectives**

After completing this lesson, you will be able to:

• Explore the SAP User Experience strategy



# UNIT 2 SAP User Experience Technology Architectures

# Lesson 1: Exploring SAP Fiori Architecture

#### **Lesson Objectives**

After completing this lesson, you will be able to:

- Explain the role of SAP Fiori
- Identify SAP Fiori design elements
- Describe the SAP Fiori architecture
- Outline the benefits of SAP Fiori Mobile

# Lesson 2: Exploring SAPUI5 Architecture

#### **Lesson Objectives**

After completing this lesson, you will be able to:

- Explain SAPUI5 architecture
- Explore the relationship between SAPUI5 and SAP Fiori

# Lesson 3: Describing SAP Screen Personas Architecture

#### **Lesson Objectives**

After completing this lesson, you will be able to:

- Describe SAP Screen Personas
- Explain the SAP Screen Personas architecture
- Describe the main components used by SAP Screen Personas

# Lesson 4: Explaining SAP Gateway Architecture

#### Lesson Objectives

After completing this lesson, you will be able to:

• Explain SAP Gateway Architecture

# Lesson 5: Describing SAP S/4HANA Architecture



#### **Lesson Objectives**

After completing this lesson, you will be able to:

- Describe SAP S/4HANA architecture
- Explain the SAP S/4HANA business values
- Identify the migration paths to SAP S/4HANA

# Lesson 6: Describing the SAP Business Technology Platform

#### **Lesson Objectives**

After completing this lesson, you will be able to:

• Describe the SAP Business Technology Platform

# UNIT 3 SAP Gateway and OData

### Lesson 1: Understanding OData

#### **Lesson Objectives**

After completing this lesson, you will be able to:

• Explain the OData standard

### Lesson 2: Exploring SAP Gateway

#### **Lesson Objectives**

After completing this lesson, you will be able to:

- Describe SAP Gateway service architecture
- Identify SAP Gateway service components
- Operate central SAP Gateway transactions
- Explore CDS Views



# UNIT 4 SAP Fiori

### Lesson 1: Performing a Deep Dive into SAP Fiori Apps

#### **Lesson Objectives**

After completing this lesson, you will be able to:

- Find more information about SAP Fiori apps
- Differentiate the SAP Fiori app types
- Explain role-based user experience
- Operate SAP Fiori apps

### Lesson 2: Exploring the SAP Fiori Launchpad

#### **Lesson Objectives**

After completing this lesson, you will be able to:

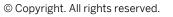
- Describe the SAP Fiori launchpad
- Explain the layers of SAP Fiori settings
- Personalize the SAP Fiori Launchpad

### Lesson 3: Exploring the UI Theme Designer

#### **Lesson Objectives**

After completing this lesson, you will be able to:

- Describe the UI Theme Designer
- Outline supported technologies and platforms
- Design themes using the UI Theme Designer
- Manage themes using the UI Theme Designer





# UNIT 5 SAPUI5

### Lesson 1: Understanding SAPUI5

#### **Lesson Objectives**

After completing this lesson, you will be able to:

• Understand SAPUI5 and prepare Visual Studio Code

### Lesson 2: VS Code and SAP Fiori Elements Applications

#### **Lesson Objectives**

After completing this lesson, you will be able to:

- Understand Business Application Studio and SAP Fiori Tools
- Use Visual Studio Code to create a simple SAP Fiori Elements App

### Lesson 3: Building an SAP Fiori Freestyle App

#### **Lesson Objectives**

After completing this lesson, you will be able to:

• Use VS Code to create a simple SAP Fiori Freestyle App



# UNIT 6 SAP Screen Personas

### Lesson 1: Outlining SAP Screen Personas

#### **Lesson Objectives**

After completing this lesson, you will be able to:

- Describe SAP Screen Personas 3.0
- Explain the difference between SAP Fiori and SAP Screen Personas
- Understand the team structure for SAP Screen Personas
- Access SAP Screen Personas

### Lesson 2: Describing Themes in SAP Screen Personas

#### **Lesson Objectives**

After completing this lesson, you will be able to:

- Describe the concept of a theme
- Create a theme

### **Lesson 3: Describing Flavors in SAP Screen Personas**

#### **Lesson Objectives**

After completing this lesson, you will be able to:

- Describe the flavor creation process
- Create a flavor



# UNIT 7 SAP Business Technology Platform

# Lesson 1: Introducing SAP Business Technology Platform and SAP S/4HANA Cloud

#### **Lesson Objectives**

After completing this lesson, you will be able to:

- Explain the SAP S/4HANA Cloud environment
- Explore the SAP S/4HANA Trial environment
- Utilize the SAP S/4HANA Trial Fiori launchpad

# Lesson 2: Exploring SAP Business Technology Platform and SAP Fiori Launchpad

#### **Lesson Objectives**

After completing this lesson, you will be able to:

- Create an SAP Business Technology Platform trial account
- Explore the SAP Business Technology Platform trial environment

### Lesson 3: Introducing SAP Business Application Studio

#### **Lesson Objectives**

After completing this lesson, you will be able to:

- Explain SAP Business Application Studio
- Launch SAP Business Application Studio

