

# UX001

## SAP User Experience Fundamentals and Best Practices

### 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*

# Contents

## vii Course Overview

### 1 Unit 1: Introduction to SAP User Experience

- 1 Lesson: Explaining Design Thinking
- 1 Lesson: Exploring the SAP User Experience Strategy

### 3 Unit 2: SAP User Experience Technology Architectures

- 3 Lesson: Exploring SAP Fiori Architecture
- 3 Lesson: Exploring SAPUI5 Architecture
- 3 Lesson: Describing SAP Screen Personas Architecture
- 3 Lesson: Explaining SAP Gateway Architecture
- 3 Lesson: Describing SAP S/4HANA Architecture
- 4 Lesson: Describing the SAP Business Technology Platform

### 5 Unit 3: SAP Gateway and OData

- 5 Lesson: Understanding OData
- 5 Lesson: Exploring SAP Gateway

### 7 Unit 4: SAP Fiori

- 7 Lesson: Performing a Deep Dive into SAP Fiori Apps
- 7 Lesson: Exploring the SAP Fiori Launchpad
- 7 Lesson: Exploring the UI Theme Designer

### 9 Unit 5: SAPUI5

- 9 Lesson: Understanding SAPUI5
- 9 Lesson: VS Code and SAP Fiori Elements Applications
- 9 Lesson: Building an SAP Fiori Freestyle App

### 11 Unit 6: SAP Screen Personas

- 11 Lesson: Outlining SAP Screen Personas
- 11 Lesson: Describing Themes in SAP Screen Personas
- 11 Lesson: Describing Flavors in SAP Screen Personas

### 13 Unit 7: SAP Business Technology Platform

- 13 Lesson: Introducing SAP Business Technology Platform and SAP S/4HANA Cloud
- 13 Lesson: Exploring SAP Business Technology Platform and SAP Fiori Launchpad
- 13 Lesson: Introducing SAP Business Application Studio



# 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





# UNIT 1

# 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



## 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

## 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



## 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





## 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



## 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



## 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