

UX400

UI Development with SAPUI5

COURSE OUTLINE

Course Version: 20

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:

- Development Consultant
- Business Process Owner/Team Lead/Power User
- Developer
- Solution Architect

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: Understanding SAPUI5

Lesson Objectives

After completing this lesson, you will be able to:

- Understand SAPUI5

Lesson 1: Exploring the SAP Web IDE

Lesson Objectives

After completing this lesson, you will be able to:

- Explore the SAP Web IDE

Lesson 1: Loading and Initializing SAPUI5

Lesson Objectives

After completing this lesson, you will be able to:

- Load and initialize SAPUI5

Lesson 1: Managing Dependencies

Lesson Objectives

After completing this lesson, you will be able to:

- Modularize SAPUI5 applications

Lesson 1: Using Views and Controllers

Lesson Objectives

After completing this lesson, you will be able to:

- Use views and controllers

Lesson 1: Using Layout Controls

Lesson Objectives

After completing this lesson, you will be able to:

- Use layout controls

Lesson 1: Using Fragments

Lesson Objectives

After completing this lesson, you will be able to:

- Use fragments

Lesson 1: Exploring Models and Data Binding

Lesson Objectives

After completing this lesson, you will be able to:

- Explore models and data binding

Lesson 1: Implementing Localization

Lesson Objectives

After completing this lesson, you will be able to:

- Implement localization

Lesson 1: Exploring OData Services

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the Open Data Protocol

Lesson 1: Consuming OData Services with SAPUI5

Lesson Objectives

After completing this lesson, you will be able to:

- Use the SAPUI5 OData Model

Lesson 1: Implementing Components

Lesson Objectives

After completing this lesson, you will be able to:

- Implement a component

Lesson 1: Developing Full-screen Apps

Lesson Objectives

After completing this lesson, you will be able to:

- Develop a full-screen app

Lesson 1: Instantiating a Model

Lesson Objectives

After completing this lesson, you will be able to:

- Instantiate an OData V4 Model

Lesson 2: Using Data Binding

Lesson Objectives

After completing this lesson, you will be able to:

- Use Data Binding

Lesson 3: Filtering and Sorting Model Data

Lesson Objectives

After completing this lesson, you will be able to:

- Filter and sort Model Data

Lesson 4: Consuming OData Operations

Lesson Objectives

After completing this lesson, you will be able to:

- Consume OData Operations

Lesson 5: Implementing Batch Control

Lesson Objectives

After completing this lesson, you will be able to:

- Implement Batch Control

Lesson 6: Creating and Deleting Entities

Lesson Objectives

After completing this lesson, you will be able to:

- Create and delete Entities