SAPX01
SAP User Experience Fundamentals and Best Practices

COURSE OUTLINE

Course Version: 15
Course Duration: 3 Day(s)
SAP Copyrights and Trademarks

© 2017 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. Please see http://global12.sap.com/corporate-en/legal/copyright/index.epx for additional trademark information and notices.

Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors.

National product specifications may vary.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP SE or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP SE or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

In particular, SAP SE or its affiliated companies have no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentation, and SAP SE’s or its affiliated companies’ strategy and possible future developments, products, and/or platform directions and functionality are all subject to change and may be changed by SAP SE or its affiliated companies at any time for any reason without notice. The information in this document is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of their dates, and they should not be relied upon in making purchasing decisions.
American English is the standard used in this handbook. The following typographic conventions are also used.

<table>
<thead>
<tr>
<th>Convention</th>
</tr>
</thead>
<tbody>
<tr>
<td>This information is displayed in the instructor’s presentation</td>
</tr>
<tr>
<td>Demonstration</td>
</tr>
<tr>
<td>Procedure</td>
</tr>
<tr>
<td>Warning or Caution</td>
</tr>
<tr>
<td>Hint</td>
</tr>
<tr>
<td>Related or Additional Information</td>
</tr>
<tr>
<td>Facilitated Discussion</td>
</tr>
<tr>
<td>User interface control</td>
</tr>
<tr>
<td>Window title</td>
</tr>
</tbody>
</table>

Example text

Example text
## Course Overview

### Unit 1: Introduction to SAP User Experience (UX)

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

### Unit 2: SAP User Experience Technology Architectures

3. Lesson: Exploring SAP Fiori Architecture
4. Lesson: Exploring SAPUI5 Architecture
5. Lesson: Describing SAP Screen Personas Architecture
7. Lesson: Describing SAP S/4HANA Architecture

### Unit 3: SAP Gateway and OData

5. Lesson: Understanding OData
6. Lesson: Exploring SAP Gateway
7. Lesson: Describing the SAP HANA Cloud Platform
8. Lesson: Describing the new OData Provisioning Service

### Unit 4: SAP Fiori

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

### Unit 5: SAPUI5

9. Lesson: Understanding SAPUI5
10. Lesson: Operating the SAP Web IDE
11. Lesson: Building and extending an SAP Fiori App

### Unit 6: SAP Screen Personas

11. Lesson: Outlining SAP Screen Personas
12. Lesson: Describing Themes in SAP Screen Personas
13. Lesson: Describing Flavours in SAP Screen Personas
TARGET AUDIENCE
This course is intended for the following audiences:

- Application Consultant
- Business Analyst
- Business Process Architect
- Business Process Owner/Team Lead/Power User
- Development Consultant
- Enterprise Architect
- Executive
- Help Desk/CoE Support
- Industry Specialist
- Program/Project Manager
- Solution Architect
- Technology Consultant
- Trainer
- User
- User Experience Designer
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 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 the SAP Screen Personas solution, 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 S/4HANA business values, Identify the migration paths to S/4HANA
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

Lesson 3: Describing the SAP HANA Cloud Platform
Lesson Objectives
After completing this lesson, you will be able to:

• Describe the SAP HANA Cloud Platform

Lesson 4: Describing the new OData Provisioning Service
Lesson Objectives
After completing this lesson, you will be able to:

• Describe the new OData Provisioning Service
Lesson 1: Performing a Deep Dive into Fiori Apps

Lesson Objectives
After completing this lesson, you will be able to:

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

Lesson 2: Exploring the SAP Fiori Launchpad

Lesson Objectives
After completing this lesson, you will be able to:

- Describe the Fiori Launchpad, Explain the layers of Fiori settings, Assign Fiori apps to users

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 4: Exploring SAP Fiori, Cloud Edition

Lesson Objectives
After completing this lesson, you will be able to:

- Explore SAP Fiori, Cloud Edition
Lesson 1: Understanding SAPUI5

Lesson Objectives
After completing this lesson, you will be able to:

- Describe SAPUI5, Explain the Model View Controller paradigm, Describe the SAPUI5 development environment, Create a SAP HANA Cloud Platform trial account

Lesson 2: Operating the SAP Web IDE

Lesson Objectives
After completing this lesson, you will be able to:

- Understand the SAP Web IDE architecture, Use the Web IDE, to create Fiori or Fiori-like apps

Lesson 3: Building and extending an SAP Fiori App

Lesson Objectives
After completing this lesson, you will be able to:

- Explain the build of a basic Fiori app, using a template, Understand Fiori reference apps in Web IDE, Explain how to extend an existing Fiori app
Lesson 1: Outlining SAP Screen Personas

Lesson Objectives
After completing this lesson, you will be able to:

- Describe the SAP Screen Personas 3.0 solution, Explain the difference between 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 Flavours in SAP Screen Personas

Lesson Objectives
After completing this lesson, you will be able to:

- Describe the Flavour creation process, Create a Flavour