UX400 - Developing UIs with SAPUI5 Training

Duration: **5 Day**

BILGINC
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The **Developing UIs with SAPUI5 course** provides a comprehensive introduction to building modern user interfaces using the SAPUI5 framework. It starts with SAP's UX strategy and progresses into both fundamental and advanced SAPUI5 development topics.

Participants are expected to have prior knowledge of web technologies such as HTML and JavaScript.

This training covers:

- SAP UX strategy and design principles
- SAPUI5 framework fundamentals
- SAP Business Application Studio usage
- SAPUI5 application development
- Data binding and OData services

Includes hands-on exercises for practical experience
Serves as a prerequisite for advanced SAPUI5 and SAP Fiori development courses

Based on Software Release

- SAP S/4HANA 2023
- ABAP Platform 2023
- AS ABAP 7.58
- SAPUI5 1.120.22

Also applicable to other SAPUI5 versions such as 1.96

Prerequisites

Essential:

- Getting Started with UX learning journey

Recommended:

- S4D437

Who Should Attend

This course is designed for:

- Developers
- Development Consultants

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What You Will Learn

After completing this course, you will be able to:

- Describe SAP's UX strategy
- Understand and use SAPUI5
- Develop applications using SAP Business Application Studio
- Build modular SAPUI5 applications
- Use XML views and controllers
- Implement components
- Create responsive applications
- Work with models and data binding
- Consume OData services
- Implement routing and navigation

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Training Outline

SAP UX and SAPUI5 Fundamentals

- SAP UX Strategy
- SAPUI5 Overview

Development Environment

- SAP Business Application Studio
- Loading and initializing SAPUI5

Application Structure

- Modules and dependencies
- Views and controllers
- Components

UI Development

- UI implementation
- XML fragments
- Responsive design

Data Handling

- Models and data binding
- Localization

Integration and Services

- OData services
- OData model

Navigation

- Routing
- Navigation features