



UX400: Developing UIs with SAP SAPUI5

Course 8174 – 40 Hours

Overview

This course is designed to give participants foundational knowledge and experience with SAP SAPUI5. The course will begin with an introduction to SAP's UX Strategy, then move onto fundamental to complex SAP SAPUI5 topics. It is assumed that learners are already familiar with web technologies such as CSS3, JavaScript, and jQuery. Topics include: SAP Web IDE, loading and initializing SAP SAPUI5, managing SAP SAPUI5 project dependencies, using views and controllers, and layout controls and fragments, exploring models and data binding, implementing localization, using and consuming OData models and OData services, implementing a component and developing a full-screen app.

On Completion, Delegates will be able to

- Describe SAP's UX Strategy
- Describe SAP SAPUI5
- Explore the SAP Web IDE
- Load and initialize SAP SAPUI5
- Manage SAP SAPUI5 project dependencies
- Use views and controllers
- Use layout controls
- Use fragments
- Explore models and data binding
- Implement localization
- Use OData models
- Consume OData services
- Implement a component
- Develop a full-screen app

Who Should Attend

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

Prerequisites

Essential

- SAPX01

Recommended

- Understanding of open source open UI and Internet technologies



Course Contents

- SAP's UX Strategy
 - Understanding SAP's UX Strategy
- SAPUI5 Overview
 - Understanding SAP SAPUI5
- SAP Web IDE Overview
 - Exploring the SAP Web IDE
- Load and Initialize SAP SAPUI5
 - Loading and Initializing SAPUI5
- Dependency Management
 - Managing Dependencies
- Views and Controllers
 - Using Views and Controllers
- Layout Controls
 - Using Layout Controls
- Fragments
 - Using Fragments
- Models and Data Binding
 - Exploring Models and Data Binding
- Localization
 - Implementing Localization
- OData Models
 - Using OData Models
- OData Services
 - Consuming OData Services
- Component Implementation
 - Implementing Components
- Full-screen App Development
 - Developing Full-screen Apps