

Developing SAP Fiori UIs – UX410

Course Duration: 40 Hours

Course Code: UX410

1. Course Overview

The **UX410 Course** equips participants with the skills to design and develop custom SAP Fiori applications using SAPUI5. The training covers the complete process of building responsive and user-friendly UIs, leveraging SAP Fiori design principles and SAP Web IDE tools. Through hands-on exercises, learners will gain practical experience in developing, customizing, and deploying SAP Fiori UIs that integrate seamlessly with SAP S/4HANA. Completing the **Developing SAP Fiori UIs – UX410 Training** also prepares learners for the **Developing SAP Fiori UIs Certification**, validating their expertise in modern SAP UI development.

2. What You'll Learn

- Fundamentals of SAPUI5 and SAP Fiori design principles
- Setting up the development environment with SAP Web IDE / BAS
- Creating responsive UIs with SAPUI5 controls
- Data binding and model handling (OData, JSON, XML)
- Extending standard SAP Fiori applications
- Navigation, routing, and application configuration
- Debugging and troubleshooting Fiori applications
- Best practices for building high-performance Fiori apps

3. Target Audience

- Application Developers
- SAP Fiori/UI5 Developers
- Technical Consultants
- SAP S/4HANA Developers
- Professionals aiming to specialize in SAP Fiori UI development

4. Pre-Requisites

- Basic knowledge of HTML5, JavaScript, and CSS
- Understanding of SAP Fiori and SAP S/4HANA basics
- Familiarity with OData services (preferred)

5. Course Content (Modules)

- **Module 1:** Introduction to SAP Fiori and SAPUI5
- **Module 2:** Setting Up the Development Environment
- **Module 3:** UI Development with SAPUI5 Controls
- **Module 4:** Data Binding and Models (OData, JSON, XML)
- **Module 5:** Extending and Customizing Fiori Applications
- **Module 6:** Navigation, Routing, and App Configuration
- **Module 7:** Debugging and Performance Optimization
- **Module 8:** Best Practices and Hands-On Exercises