

# SAP Fiori and SAPUI5

🌐 Eğitim Tipi: **Classroom**

🕒 Süre: **3 Day**

## Eğitim Hakkında

Fiori is the new user interface of SAP. It is OS- and Platform-independent and it has a superior visual quality/functionality than SAP screens and therefore it offers a perfect user experience. SAPUI5 is a Framework built on JavaScript-HTML5-CSS3 technologies. Fiori applications are developed by using SAPUI5 Framework. If you compare Fiori with Ferrari, SAPUI5 would be its engine.

You will learn the fundamentals of Fiori and how it operates in this training. You will then gain the skills needed to develop applications by using templates with SAPUI5 or writing the codes completely from scratch. Finally you will develop an entire Fiori application.

## Önkoşullar

Basic knowledge of Web Development (HTML, CSS, JavaScript)

Basic SAP ERP and System knowledge

## Kimler Katılmalı

- Software Developers
- Mobile Application Developers
- Application/Interface Designers
- Technical Consultants
- Anyone interested in SAP Fiori and SAPUI5

## Neler Öğreneceksiniz

- SAP Fiori's interface and design
- Basics and Controls of SAPUI5
- Complete development of a Fiori application with SAPUI5
- SAP Hana Cloud Platform (HCP) Membership and SAP Web IDE
- Basic JavaScript and OData Services
- Fundamentals of interface design for Mobile Devices

## Eğitim İçeriği

### **Basic Concepts and Initial Implementation**

- SAP UX Strategy: SAPGUI vs. Fiori
- SAP Fiori and SAPUI5
- SAP Hana Cloud Platform vs. Fiori On-Premise
- On-Premise Fiori (Installation and Requirements)
- Introduction to HCP and Free Membership
- Design Thinking, Prototype and SAP Build
- Anatomy of Fiori Applications
- SAP Demo Gateway and OData
- SAP Web IDE and Initial Implementation
- Releasing the Application

### **SAPUI5 Fundamentals I**

- MVC Concept
- JavaScript Fundamentals and jQuery

- SAPUI5 Libraries and Controls
- View, Controller and JSON Model
- Multi-Language Support (Internationalization)
- Component and App Descriptor
- Shell Control

## **SAPUI5 Fundamentals II**

- CSS (Standard and Custom)
- Nested Views
- Dialogues and Fragments
- Icons
- Multiple Use Dialogues
- Stack and Expression Binding
- Data Types
- Formatters
- Filtering
- Ordering and Grouping

## **SAPUI5 Fundamentals III**

- Remote OData Services
- Mock Server Installation
- QUnit and OPA Tests
- Debugging Tools
- Routing and Navigation
- Routing with Parameters and Route History
- Creating Special Controls
- Responsiveness Concept
- Device Specific Adaptation

## **Developing a Sample Application from Beginning to End**

- Installation of application, Screen designs and Coding