



SAP UIF FIORI



About Course

SAP Fiori is the user interface or user experience (UX) that supplements and can replace the SAP GUI. This streamlined application uses tiles to encapsulate standard tasks, such as approving purchase requisitions, viewing sales orders, and approving timesheets.

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CURRICULUM

① SAPUI5 Foundations

Explain MVC and application architecture

The concept of modules

Implement controls using the SAPUI5 framework (standard and custom)

Bind Data to a UI5 Control

Describe and work with Key Responsive Design Controls

Translatable Texts

App Descriptor

Aggregation binding

Dialogs and Fragments

Expression Binding

Custom Formatting

Filtering

Grouping and sorting

Work with diagrams

② Deployment & Testing

Deploy an application on an ABAP Server

An application on the SAP Hana Cloud Platform
Write Unit-Tests
Unit test with Q Unit
Create a Q Unit Test Scenario
Apply integration a test with OPA5
Create an OPA5 Test Scenario

3 **SAP Fiori Launchpad Configuration**

Explain configuration of SAP Fiori Launchpad

4 **SAP Fiori Strategy, Standards And Guidelines**

Define SAP Fiori Key principles

5 **SAP Fiori Application Types**

Elements of User Experience Design

The concept of Design Thinking

The Problem Space

Solution Space phases in the Design Thinking process

Implement SAP Fiori UIs using the SAP Fiori Design Guidelines

6 **SAP HANA Cloud Platform And Web IDE Basics**

Describe the SAP HANA Cloud Platform

**The Prototyping
Development
Packaging
Deployment
Extensibility tools available in SAP Web IDE.**

7 Odata And Advanced Data Handling

**Register OData Service at Frontend Server
Describe an OData Model
How to access backend data by the way of
OData-specific data binding feature
Implement data binding using XML data
Describe the OData Write-Support
OData Deep Inserts
Perform tasks associated with adding,
updating and deleting backend data from
within a SAPUI5 application
Implement a Facet Filter control
In App Navigation
Deep Linking**

8 Extensibility In SAPUI5

**Describe the concept of Extensibility in SAPUI5
Extension Points in SAPUI5**

Implement View Replacement
View Modification
View Extension
Controller Extension & Hook Methods
Extend Translations with Customer Properties

9 SAP Fiori Elements & Smart Controls

Describe the use of SAP Fiori Elements
Smart controls.

10 SAP Fiori Architecture Overview

Describe the architecture typical SAP Fiori landscape
Describe the components of a typical SAP Fiori landscape.



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