

# Developing UIs with SAPUI5

Kód kurzu: UX400

The course is designed to give participants foundational knowledge and experience with SAPUI5. The course will begin with an introduction to SAP's UX strategy, then move on to fundamental and complex SAPUI5 topics. It is assumed that learners are already familiar with web technologies such as HTML and JavaScript. There will be hands-on exercises performed during the course to gain experience with the SAPUI5 topics covered in the course. This course is a prerequisite course for more advanced courses on SAPUI5 and SAP Fiori development. Course based on software release: SAP S/4HANA 2021, ABAP Platform 2021, AS ABAP 7.56, SAPUI5 1.96.

## Pro koho je kurz určen

- Developer
- Developer Consultant

## Co Vás naučíme

This course will prepare you to:

- Describe SAP's UX strategy
- Describe SAPUI5
- Use the SAP Business Application Studio
- Load and initialize SAPUI5
- Modularize SAPUI5 applications
- Use XML views and view controllers
- Implement and use components
- Adapt applications to different device types
- Work with XML fragments
- Implement models and data binding
- Internationalize applications
- Consume OData services
- Use the routing and navigation features of SAPUI5

## Požadované vstupní znalosti

### Essential

- Learning Journey Getting Started with UX

### Recommended

- S4D437
- GW100

## Studijní materiály

Studijní materiál SAP.

## Osnova kurzu

- SAP's UX Strategy
- SAPUI5 Overview
- SAP Business Application Studio
- Loading and Initializing SAPUI5
- Modules and Dependencies
- Views and Controllers
- Components
- Implementing the UI
- Fragments
- Models and Data Binding

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# Developing UIs with SAPUI5

- Localization
- OData Services
- OData Model
- Routing and Navigation

## Co musíte vědět

The course is also suitable for participants who are using a SAPUI5 version other than 1.96.

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