

OpenUI5 Development Foundations

PRZEZNACZENIE SZKOLENIA

About this Course, Audience:

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

KORZYŚCI WYNIKAJĄCE Z UKOŃCZENIA SZKOLENIA

This course will prepare you to:

- Create web apps using basic HTML5 and CSS3
- Develop web apps that are more interactive through JavaScript programming
- Further improve web app development by using parts of jQuery and jQueryUI
- Perform design decisions for openUI5 desktop and mobile applications
- Create the necessary HANA Cloud Platform account to configure HCPms
- Develop desktop and mobile applications using the openUI5 framework, Eclipse, HANA Cloud Platform and SAP Web IDE

OCZEKIWANE PRZYGOTOWANIE SŁUCHACZY

Essential - SAPX01

Recommended - Understanding of HTML and the Internet

Course based on software release:

- SAP S/4HANA WTS + local version SAP Web IDE

Warning! Training authorized by SAP provided in the open training formula is carried out at the headquarters of SAP Polska at ul. Wołoska 5 in Warsaw. Remote participation is possible for selected trainings.

PRZYGOTOWANIE DO SZKOLENIA

Wirtualna Klasa

- Poznanie trenera i grupy
- Sprawdzanie wiedzy - testy i quizy
- Wprowadzenie w temat zajęć

WYKŁADY I WARSZTATY

Sala szkoleniowa

1. Foundations of HTML
 - Describe and write HTML5 and CSS code
 - Explore Development Tools
 - Work with Basic HTML-Elements and Semantic Markups
 - Implement User Friendly Web Forms
 - Work with HTML5-Custom Attributes
2. Foundation of CSS
 - Describe CSS-Essentials
 - Work with Pseudoclasses
3. Foundations of JavaScript
 - Understand Object-Oriented (OOP) Programming with JavaScript
 - Explore JavaScript Language Basics
 - Work with Primitive Data Types, Reference Types, and Operators
 - Implement Statements in JavaScript
 - Understand JavaScript-Scopes and Context Execution
 - Understand error handling in JavaScript
 - Explore DOM manipulation concepts of JavaScript
 - Work with events
 - Use http-Requests and AJAX
 - Work with Promises
4. Foundations of jQuery
 - Understand jQuery-Foundation
 - Work with Selectors
 - Understand jQuery Eventing
 - Use Styling and Animation
 - Manipulate the DOM
 - Use AJAX with jQuery
5. OpenUI5 Overview
 - Explain SAP User Experience Strategy
 - Explore Key Enablement Tools for SAP User Experience
 - Describe SAP Fiori in Relation to User Experience
 - Understand OpenUI5 Architecture
 - Explore the Relationship Between OpenUI5 and SAP Fiori
 - Explore the Differences Between OpenUI5 and SAPUI5
6. OpenUI5 Development Options
 - Install the OpenUI5 Eclipse Plugin
 - Set up a HANA Cloud Platform Account
 - Explore the Basics of SAP WEB IDE
7. OpenUI5 Project Basics
 - Develop using the Model View Controller (MVC) Design Pattern
 - Set up a Project
 - Configure and Use Core Elements of OpenUI5
8. Describe OpenUI5 Controls
9. OpenUI5 Application Debugging
 - Use Browser-based Debugging Tools
 - Explore available OpenUI5 Documentation
 - Explore SAP Web IDE Code Assist
10. Use layouts, UI Areas and create Custom Controls
11. Data Handling
12. Explore the model types JSON, XML and Odata

13. Perform Data Binding
14. Perform Property Binding
15. Perform Advanced Binding Techniques
16. Perform Advanced Binding Techniques: Master-Detail
17. Perform OData Query Options
18. Perform Common Data Operations: Format
19. Perform Common Data Operations: Sort and Filter
20. Perform Common Data Operations: Calculated Fields and Data Validation
21. Additional OpenUI5 Development Features, such as working with Resources, building Apps Using Modularization, performing Application Localization, working with Components, using Third-party Libraries, optimizing OpenUI5 Apps and OpenUI5 branding with themes and styles

WSPARCIE I ROZWÓJ PO SZKOLENIU

Portal Altkom Akademii

- Dostęp do materiałów szkoleniowych i uzupełniających
- Opieka trenera
- Kontakt ze społecznością

Kod szkolenia	SAP/UX400 / std
Czas trwania	5 dni
Poziom	Zaawansowany
Autoryzacja	SAP