



# SAP UI5 Training Curriculum

## — STRUCTURE —



## **SAP UI5 Training Curriculum**

*“Give an edge to your career with SAP UI5 Training Course at Croma Campus.”*

### **About Croma Campus:**

Croma Campus Training & Development Private Limited is an education platform since 2010 providing rigorous industry-relevant programs designed and delivered in collaboration with world-class faculty and industry.

- Hands-On Live Projects
- Simulation Test Papers
- Industry Cases Studies
- 61,640+ Satisfied Learners
- 140+ Training Courses
- 100% Certification Passing Rate
- Live Instructor Classroom / Online Training
- 100% Placement Assistance

### **Course Objectives:**

- Understand the Gateway system landscape architectures and its core functionality
- All fundamentals including HTML5, CSS, JS, JQuery, DOM.
- End to end MVC to develop UI5 Applications from Scratch
- End to end development of UX App using Eclipse and Web IDE
- Development of OData services using NetWeaver gateway
- Understand different aspects of UX technology
- Make informed decisions in a UI5 project
- Know what are the opportunities that will come by learning the new UX technology
- Work as UI5 professional consultants
- Make existing UI5 Apps better with responsive and more UX centric development
- Understand all the concepts related to UI5/ Open UI5 web app development

### **Course Description:**

- The goal of this course is to introduce you to the methodologies, tools, and best practices for formulating, designing, and improving your very own UX application. This will give you an edge over the competition for the same requirements
- The arrival of new technology will need professionals to learn the technology and assimilate expertise in delivering solutions based on new technology. The learning is required to remain competitive in the job market
- This course is focused on taking UI5 and UX design guidelines and showing you how to apply them to your own unique business needs. Or in other words, building your own UX application that's just as brilliant and user-friendly as UX applications.
- By learning UI5 and OData Training, you will be able to develop responsive web applications both with static content and dynamic content (Server-side). This will enrich your technical skills to a new level which is the current market trend. With UI5 and UX knowledge, you will be able to develop cloud applications for desktop and mobile devices.

## Croma Campus Training Program Deliverables:

- **Session Recordings** - Original Class Room Voice & Video Recording
- **Training Material** - Soft Copy Handbooks
- **Assignments** | 25+ Hands-on Exercises
- **Test Papers** - We provide **Practice Test** as part of our course to help you prepare for the actual certification exam.
- **Live Case Studies**
- **Live Projects** - Hands-on exercises and Project work. You will work on real time industry-oriented projects and assignments for each module to practice.
- **Key focus on Hands-on exercises and Project work.** You will work on real time industry-oriented projects.
- Faculty with more than **10+ Years of Experience** in the Industry.
- **Technical Resume Designing & Job Assistance:** With more than 100+ Clients across the Globe and we help learners to get a good job in their respective field. We also help learners with resume preparation.
- **Interview Q&A**
- **About Croma Campus Training Certificate:** Croma Campus will provide you with an industry-recognized (Certified by **ISO 9001:2015** & **E-Cell IIT Jodhpur**) course completion certificate which has lifelong validity.
- **How I Unlock my Croma Campus Certificate:** Attend Complete Batch & Submit at least One Completed Project.

## Course Content:

### Module 1: SAP UI5 Fundamentals

- Introduction to the Course
- What Is SAP UI5?
- UI5 Libraries
- SAP UI5 App and Fiori
- Setting Up the Development Environment
- Create Hello World App in UI5
- SAP UI5 Basics Assessment

### Module 2: Understanding Wireframes and Control Flow in Apps

- Create a Simple App
- Simple App Creation
- Simple Application Control Flow
- Usage of MVC and Extending the Application
- Two Page App Wireframe and Coding in Eclipse
- Wireframing and app control flow Assessment

### Module 3: Databinding and UI5 Major Components

- Designing a Simple Form with UI5 Elements
- Concept of Data Binding
- Binding Modes
- Data Binding Using Simple App

- Basic List
- List Aggregation Binding
- sap.m Table
- sap.ui Table
- Tiles Basic
- Tiles with Binding
- Data Binding Factory Function Using List
- Named Model
- Major UI5 Components and Databinding Assessment

## **Module 4: Using Chrome Development Kit**

- Element Tab and Style Tab
- Console Tab, Source Tab and Network Tab
- Browser Compatibility
- Chrome Development Toolkit Assessment

## **Module 5: Styling and Theming for UI5 App**

- Styling Exercise with our Simple App
- Deep Dive in Styling for Form Element
- Theme Designer
- Styling and Theming Assessment

## **Module 6: Using Events and Handling Events**

- Basic Events
- Lists with example
- Calling Event Listener Function
- Event in Table
- Advanced Event Handling
- Event Capturing and Bubbling

## **Module 7: Miscellaneous Control in UI5**

- Use of UX3(Shell) Control
- Use of Fragments
- Use of Split Screen Application

## **Module 8: App Improvement Elements**

- Formatters
- Localization & Internationalization
- App Improvement and Miscellaneous Controls

## **Module 9: Data Visualization using UI5**

- Visualization Basics
- Viz Frame Bar Chart
- Pie Charts
- KPI Tiles

## **Module 10: Bonus Lecture**

- Integrating SAP gateway with SAP UI5
- Deploying Services in LIVE scenario
- Basic setup for SAPUI5 CRUD App
- Running App to see how delete, create, update works
- Sharing SAPUI5 Project into SAP
- Summary

## **Module 11: SAP UI5 with Web IDE, Git, and Fiori Launch pad**

- Web IDE, Git, and Fiori Basics
- Setting up Personal Version of Web IDE
- Creating a Basic App Using Web IDE Template and Backend Services
- Deploying the App into SAP System and Executing the App from it
- Deploying the App to Fiori Launchpad
- Deploying a Basic UI5 App into GitHub - Basic of Git Setting

## **Module 12: Placement Guide**

- Tips to clear an Interview
- Common Interview questions and answers
- SAP UI5 Interview Questions and Answers
- Resume Building Guide
- Career roadmap and certifications
- Attempt for SAP UI5 Global Certification Exam
- Start applying for Jobs