Week 0 Unit 1: **Course Environment and Setup**

Course Environment and Setup
Course structure, points, and requirements

▶ Video Lectures
☰ Exercises (optional)

Week 0	Week 1	Week 2	Week 3	Week 4	Week 5
▶ ☰	▶ ☰	▶ ☰	▶ ☰	▶ ☰	
Get Started	Learn the Essentials	Become a Data Binding Expert	Create Responsive Apps	Master SAPUI5	Final Exam & Events

Weekly assignments for each week   📄 Exam

🔄 Bonus   🔄 Bonus

← Online forums during entire 6 weeks of course →

Learning effort: ~4-5 hours/week

Watch the deadlines! ⚠

4 weekly assignments
4x30 = 120 points

+

Final exam
120 points

+

2 bonus exercises
(2x10 points)

=

Record of achievement when results above **120 points**
(max. 240 points)

Course Environment and Setup
Week 0 – Preparation

Unit 0.1

Course Environment and Setup

Unit 0.2

Do You Really Understand JavaScript?

Unit 0.3

SAPUI5 SDK – Demo Kit
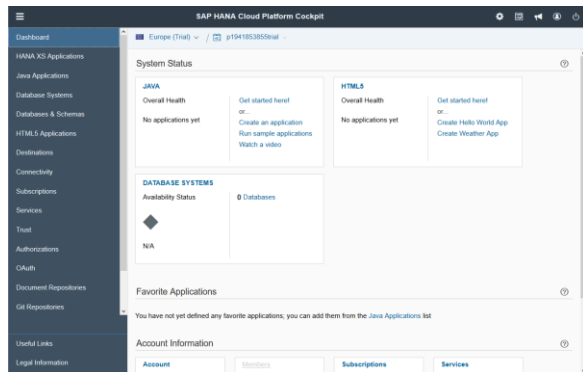
Unit 0.4

Debugging and Troubleshooting
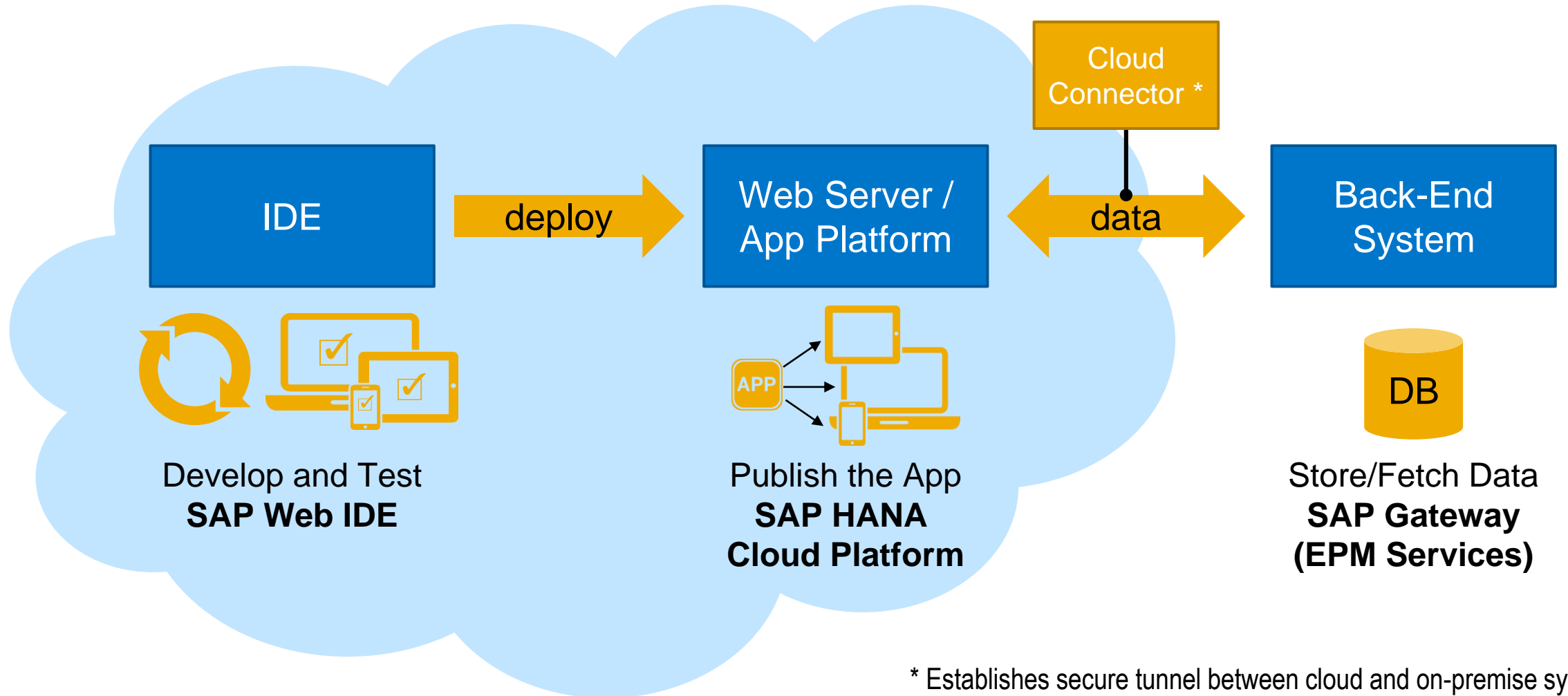
Unit 0.5

A Glance at the Coding Exercises

Learn about the development scenario and set up accounts

Rest of this week:

Get ready for the course

Course Environment and Setup
Scenario and tools

IDE → **deploy** → Web Server / App Platform ↔ **data** ↔ Back-End System

Cloud Connector *

Develop and Test
SAP Web IDE

Publish the App
SAP HANA Cloud Platform

Store/Fetch Data
SAP Gateway (EPM Services)

DB

APP

* Establishes secure tunnel between cloud and on-premise systems
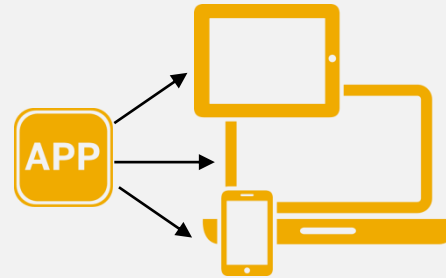
Course Environment and Setup
SAP Web IDE

SAP Web IDE is a powerful, Web-based integrated development tool that simplifies the end-to-end application development lifecycle for SAP Fiori apps, Fiori-like apps, and SAPUI5 apps
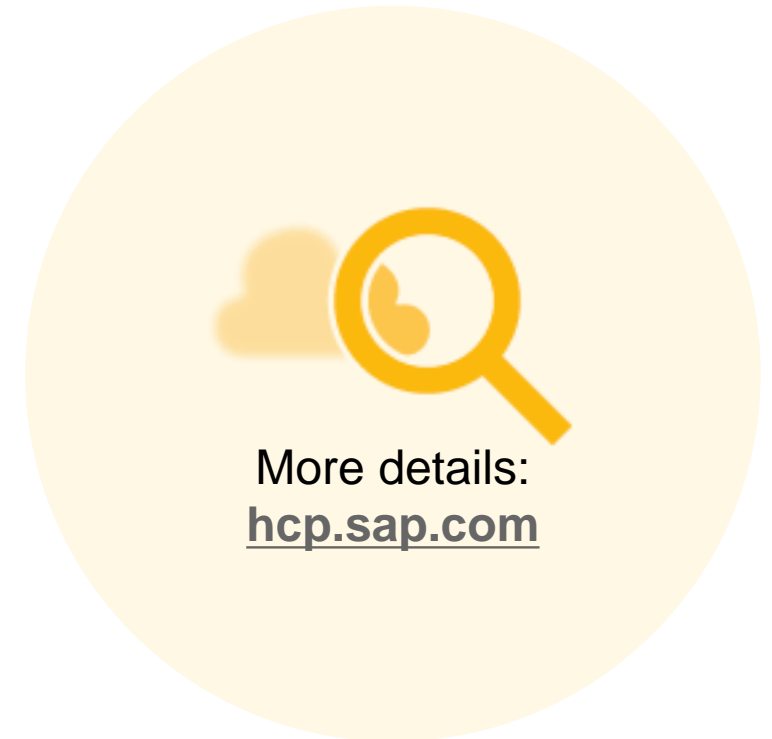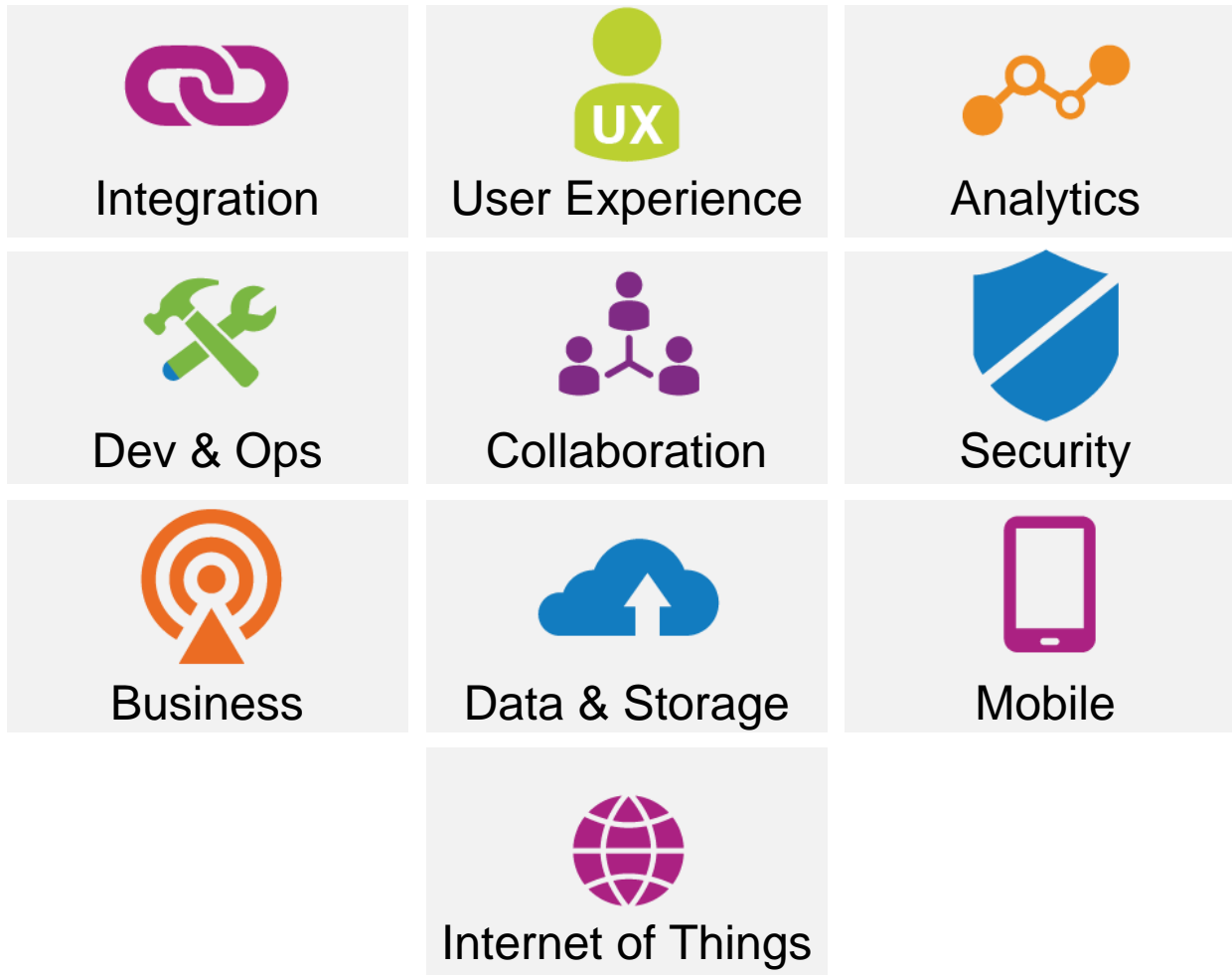

Develop   Test   Package and Deploy   Extend

Developing with SAP Web IDE   SAP Web IDE – Enablement @ SCN

Course Environment and Setup
SAP HANA Cloud Platform (HCP)

Integration

User Experience

Analytics

Dev & Ops

Collaboration

Security

Business

Data & Storage

Mobile

Internet of Things

More details:
hcp.sap.com

Course Environment and Setup
SAP Fiori

SAP Fiori User Experience   SAP Fiori Design Guidelines   SAP Fiori, Demo Cloud Edition

Course Environment and Setup
Related openSAP courses

Course	Scenario	Main Focus
Developing Web Apps with SAPUI5 (ui51)	• Develop SAPUI5 Web apps • Deploy apps to SAP HCP • Use generic OData services	Learn the main concepts of the SAPUI5 UI library by developing responsive apps
Build Your Own SAP Fiori App in the Cloud (fiux2)	• Design and develop SAP Fiori apps • Deploy apps to SAP Fiori launchpad • Extend existing apps	Use the SAP Fiori design guidelines and development resources to build your own SAP Fiori app
Developing Mobile Apps with SAP HANA Cloud Platform (mobile2)	• Develop mobile-enabled apps • Deploy apps to mobile devices • Learn about mobile features	Build, extend, integrate, and mobilize SAP Fiori apps by adding (native) mobile features

Thank you

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