

Implementation plan Finished

Study unit	Planning and implementing SOA solutions using Oracle (A0115), 10.0
Implementation	NIA1321: 2/2013-2014 (28.01.2014 - 27.05.2014)
Type	DEVELOPMENT OF CORE COMPETENCES IN THE FIELD (A030)
Groups	Primary: NIA12SN Others :
Involved in the project	
Lecturers	
Number of participants	Minimum: Maximum:
Enrolment period	02.12.2013 08:00 - 08.12.2013
Main timing for implementation	On working days during daytime
Applicability	For exchange students: No For elective studies: No Open UAS student: No Suitable for virtual UAS: No
Teachers	De Arruda Camara Antonius (Teacher in charge), Rathod Pares (Teacher in charge)
Campus	Laurea Leppävaara
Main location for implementation	At the campus
Implementation method	Optima realization/student group Language: English Virtuality: 0 cr Integration of R&D: 0 cr
Implementation class	LbD based on entrepreneurship
Focus areas	No connection to focus areas
Evaluation at the latest	10.06.2014 Storing of graded material ends.: 20.06.2015
Exam days	
Having completed the study unit the student is able to	• explain the basic concepts of Service Oriented Architectures and related technology using Oracle SOA Suite • work with the components of SOA Suite • create and deploy Web Services with Oracle SOA Suite - Develop a Java Web service • modify a BPEL process to invoke a Web service • deploy and execute an BPEL Process to Oracle SOA Suite • manage and monitor an BPEL Process • configure Oracle Enterprise Service Bus(ESB) services • integrate services through Adapters • define Oracle rules and observe their behaviour - Transform messages in ESB and BPEL • secure a BPEL process and services • work with components of Oracle Web Services Manager (OWSM)
Previous studies	Service Oriented Architecture (SOA):Principles of Service Design

Learning events

Date	o'clock/at h	Subject	Content	Status	Teachers
30.01.2014	0900-1130	workshop		room suitable for team work, no computers	
06.02.2014	0900-1130	workshop		room suitable for team work, no computers	
13.02.2014	0900-1130	workshop		room suitable for team work, no	

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					computers	
13.02.2014	1230-1600			SOA Suite SetupPractice-1 (Neon-Lab) - Group 1	NEON SID-Labs	
20.02.2014	1230-1600			SOA Suite SetupPractice-1 (Neon-Lab) - Group 2	NEON SID-Labs	
27.02.2014	0900-1130	workshop			room suitable for team work, no computers	
27.02.2014	1230-1600			Guided Hands-on Practice-3 (Neon-Lab) - Group 2	NEON SID-Labs	
06.03.2014	1230-1600			Guided Hands-on Practice-3 (Neon-Lab) - Group 1	NEON SID-Labs	
13.03.2014	0900-1130	workshop			room suitable for team work, no computers	
13.03.2014	1230-1600			Guided Hands-on Practice-4 (Neon-Lab) - Group 1	NEON SID-Labs	
20.03.2014	1230-1600			Guided Hands-on Practice-4 (Neon-Lab) - Group 2	NEON SID-Labs	
27.03.2014	0900-1600			Lab evaluation part-1 (Neon-Lab)	NEON SID-Labs	
03.04.2014	0900-1130	workshop			room suitable for team work, no computers	
03.04.2014	1230-1600			Guided Hands-on Practice-5 (Neon-Lab)- Group 2	NEON SID-Labs	
17.04.2014	0900-1130	workshop			room suitable for team work, no computers	
17.04.2014	1230-1600			Guided Hands-on Practice-5 (Neon-Lab)- Group 1	NEON SID-Labs	
24.04.2014	1230-1600			Guided Hands-on Practice-6-7(Neon-Lab) - Group 1	NEON SID-Labs	
08.05.2014	0900-1130	workshop			room suitable for team work, no computers	
08.05.2014	1230-1600			Guided Hands-onPractice-6-7 (Neon-Lab) - Group 2	NEON SID-Labs	
15.05.2014	0900-1600			Lab evaluation part-2 (Neon-Lab)	NEON SID-Labs	