

Implementation plan Finished

Study unit	SOA: Principles of Service Design (A9062), 5.0
Implementation	NIA1311: 1/2013-2014 (26.08.2013 - 20.12.2013)
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	20.05.2013 08:00 - 02.06.2013
Main timing for implementation	
Applicability	For exchange students: Yes For elective studies: No Open UAS student: No Suitable for virtual UAS: No
Teachers	Rathod Paresch (Teacher in charge)
Campus	Laurea Leppävaara
Main location for implementation	
Implementation method	Optima realization/student group, Other method of implementation Language: English Virtuality: 0 cr Integration of R&D: 2 cr
Implementation class	
Focus areas	
Evaluation at the latest	20.01.2014 Storing of graded material ends.: 20.12.2014
Exam days	
Having completed the study unit the student is able to	• understand the key concepts and principles of Service Oriented Architecture and service design • analyze and explain the service-orientation design paradigm • document specific design characteristics realized by the application of individual design principles • understand the link between the design characteristics realized by service-orientation and the strategic goals associated with SOA and service-oriented computing • demonstrate an understanding of the origins of service-orientation and identify the ways in which this paradigm differs from other design approaches
Previous studies	Designing ICT Systems or equivalent knowledge

Learning events

Date	o'clock/at h		Subject	Content	Status	Teachers
02.09.2013	9.15 - 16.30		Seminar on Business Intelligence	Seminar on Business Intelligence 2013 Topic - An Introduction to Data Warehousing & OLAP Offered by - Prof. Klaus Time / Room No / 9.30 - 11.30 236 12.30-14.00 236 14.15-16.00 206A	Check Details	
09.09.2013	12.30 - 16.00		Induction of study unit	Introduction to study unit- Implementation Plan- Team forming and Workshop Topic allocation	13	
16.09.2013	No		Self-study	Self-study for your own workshops.	No session	

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	session					
23.09.2013	12.30 - 16.00		Workshop	Workshop-01 Introduction to service-oriented Computing and SOA (Based on Thomas Erl Topic - 03 & 04)	13	
30.09.2013	12.30 - 16.00		Workshop	12.30 - 14.00 Workshop-02 Understanding Design Principles (Based on Thomas Erl Topic - 05) 14.15 - 16.00 Workshop-03 Service Contracts (Based on Thomas Erl Topic - 06)	13	
07.10.2013	12.30 - 16.00		Workshop	Workshop-04 Service Coupling (Based on Thomas Erl Topic 07)	13	
14.10.2013	12.30 - 16.00		Workshop	Workshop-05 Service Abstraction (Based on Thomas Erl Topic 08)	13	
21.10.2013	No Meeting		No Meeting		No Meeting	
28.10.2013	12.30 - 16.00		Workshop	<u>12.30 - 13.30</u> Learning activity based Test - 01 (Covering workshop - 01 to 05) <u>13.30 - 16.00</u> Workshop-06 Service Reusability (Based on Thomas Erl Topic 09)	13	
04.11.2013	12.30 - 16.00		Workshop	Workshop-07 Service Autonomy (Based on Thomas Erl Topic 10)	13	
11.11.2013	12.30 - 16.00		Workshop	Workshop-08 Service Statelessness (Based on Thomas Erl Topic 11)	13	
18.11.2013	12.30 - 16.00		Workshop	Workshop-09 Service Discoverability (Based on Thomas Erl Chapter 12)	13	
25.11.2013	12.30 - 16.00		Workshop	Workshop-10 Service Composability (Based on Thomas Erl Chapter 13)	13	
02.12.2013	12.30 - 16.00		Workshop	<u>12.30 - 13.30</u> Learning activity based Test - 02 (Covering workshop - 06 to 10) <u>13.30 - 16.00</u> Workshop-11 Service-Oriented and Object-Oriented: A Comparison of Principles and Concepts (Based on Thomas Erl Chapter 14)	13	
09.12.2013	12.30 - 16.00		Final Test	Second and Final Chance for those students who missed or failed any test.	13	