

Exam Practice

DIT344

Truong Ho-Quang
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Schedule

Week		Date	Time	Lecture	Note
36	L1	Wed, 2 Sept	13:15 – 15:00	Introduction & Organization	Truong Ho
37	L2	Wed, 9 Sept	13:15 – 15:00	Architecting Process & Views	Truong Ho
37	S1	Thu, 10 Sept	10:15 – 12:00	<< Supervision/Assignment>>	TAs
38	L3	Wed, 16 Sept	13:15 - 15:00	Requirements & Quality Attributes	Sam Jobara
38	S2	Thu, 17 Sept	10:15 – 12:00	<< Supervision/Assignment>>	TAs
38	L4	Fri, 18 Sept	13:15 – 15:00	Architectural Tactics & Roles and Responsibilities	Truong Ho
39	S3	Wed, 23 Sept	13:15 – 15:00	<< Supervision/Assignment>>	TAs
39	L5	Thu, 24 Sept	10:15 – 12:00	Functional Decomposition & Architectural Styles P1	Truong Ho
39	L6	Fri, 25 Sept	13:15 – 15:00	Architectural Styles P2	Truong Ho
40	S4	Wed, 30 Sept	13:15 – 15:00	<< Supervision/Assignment>>	TAs
40	L7	Thu, 1 Oct	10:15 – 12:00	Architectural Styles P3	Sam Jobara
40	L8	Fri, 2 Oct	13:00 – 15:00	Guest Lecture: Scaling DevOps – GitHub's Journey from 500+ to 1500+ People	Johannes Nicolai
41	S5	Wed, 7 Oct	13:15 – 15:00	<< Supervision/Assignment>>	
41	L9	Thu, 8 Oct	10:15 – 12:00	Current Industrial SW Architecture Issues Architectures of Blockchain with Case Study	Sam Jobara
42	L10	Wed, 14 Oct	13:15 – 15:00	Design Principles	Truong Ho
42	S6	Thu, 15 Oct	10:15 – 12:00	<< Supervision/Assignment>>	
42	L11	Fri, 16 Oct	13:15 – 15:00	Guest Lecture: Architecture changes at Volvo Truck's Application System (TAS)	Magnusson
43	L12	Wed, 21 Oct	13:15 – 15:00	Clarification: Deployment Diagram, Solution Ass.1	Truong Ho
43	L13	Thu, 22 Oct	10:15 – 12:00	Architecture Evaluation	Truong Ho
43		Fri, 23 Oct	13:00 – 15:00	Exam Practice	Teachers
44	Exam	30 Oct	8:30 – 12:30		

**We are
HERE!**

Canvas page of the final exam is published!

- Check the link
<https://chalmers.instructure.com/courses/13072>
- If you cannot access, contact student office (student_office.cse@chalmers.se) for help!
- If you have special needs/requests during the exam, come talk to me!

General Info

- Date: 30th of October, 2020.
- Time:
 - Writing time: 8.30 – 12.30 (sharp)
 - 30 mins for preparing submission
 - Submission closes at 13.00
- Where: Remote 'hall' exam
 - NO proctoring, NO openbook
 - Allow to use: rules, dictionary, pen, diagram editor
- Must have:
 - Computer with Internet!
 - Access to the Exam Canvas Page

Questions during the exam

- We use a Google Drive form **DURING the exam!**

Interactive Questions Document for DIT344 - Fundamentals SW ARCH Ex... ☆ 📁 ☁

File Edit View Insert Format Tools Add-ons Help See new changes

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Hi -
pls write your question below in the section for the exam-question that you have a question about:

Good Luck & Success

Question(Q) 1: What is the format of the exam (multiple choice, short answer, long answer, will it be more theory based or practical/drawing diagrams.. etc)?
Answer(A) 1:

Q2: What are the main topics we should focus on for the exam?
A2:

Q3: Can you provide us with a few example questions/answers so we can see the level of detail that is expected?
A3:

Exam components

- Question 1: General Knowledge on SA
- Question 2: Drivers and Quality Attribute scenarios
- Question 3: Architectural Styles
- Question 4: Design Principles
- Question 5: Architectural Design

Exam components – Compared to last year

Question	This year (HT20)	Last year (HT19)
Q1	General Knowledge on SA	General Knowledge on SA
Q2	Drivers and Quality Attribute scenarios	Process & Requirements
Q3	Architectural Styles (*)	Architectural Styles
Q4	Design Principles	Design Principles
Q5	Architectural Design	Reverse Architecting
Q6	N/A	Architectural Design

(*) HT20: Expect more questions in styles in this year

Type of questions

- Multiple choice
- Short-answer
- Essay

Lectures

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43		Fri, 23 Oct	13:00 – 15:00	To be determined (exam practice?)	Teachers
44	Exam	30 Oct	8:30 – 12:30		

Focused content

Lecture	Focused Content (slide #)
L1	43-47, 57, 58, 62-66
L2	25-39, 41, 44, 46-48, 51-56, 60, 61, 65, 66, 69-83
L3	19, 21, 22, 29, 43, 44, 46, 47 50, 53, 58, 59, 64, 65, 69, 71
L4	10, 12-14, 16, 17, 19, 21, 24, 27, 29-32, 34, 36, 37, 39, 41, 42, 49, 51, 63, 67-72
L5	12, 14-41, 47, 49, 53, 54, 58-65, 76-79.
L6	20-23, 29, 30, 32, 33, 37, 39, 41, 42, 43, 47, 58, 59, 62, 63, 66, 67, 77, 78, 85-90, 92.
L7	8, 9, 12, 14, 15, 17, 20, 21, 22 24, 27, 28, 29, 31-34, 36, 39 40-45, 48, 52-55
L8	
L9	6, 7, 9, 15-22, 25-28, 35, 39-44
L10	4-6, 11-17, 27, 30, 31, 34, 50, 51, 52, 54, 67
L11	7, 9, 10, 13, 19-23, 25-34
L12	All slides
L13	6-13, 15, 17-19, 24-26, 28-30, 37, 38, 40, 42, 47, 50-54, 57-60

UML diagram editor tools

- StarUML (Opensource)
- ArgoUML (Opensource)
- Papyrus–Eclipse
- PlantUML (textual description)
- GenMyModel (online)
- sketchboard.io (online)
- ...

Questions?

Goodluck!