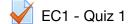
# Object Oriented Analysis and Design (S2-15\_SSZG514)

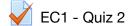
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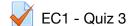












COURSE HANDOUT

OLD QUESTION PAPER

Star UML Download

Please download and use starUML for educational purposes from this link.

You need to purchase a copy if you use it for commercial gain.

Register for Additional Assignment

Submit this form by 16-3-2016 to get registered this weekend.

Late registration will delay your participation and place you at a disadvantage.

Special Assignment Forum

RATING IS TO BE CONDUCTED FOR PARTICIPATION UPTO APRIL 3, 2016.

However a grace period of 3 days is being provided upto April 6, 2016. Submissions during the grace period will only be considered for grace marks to students who have not been able to participate meaningfully during the main assignment discourse.

This forum is only to be used for the Special Assignment. No activity other than participation in this forum is required for this assignment.

Students should only participate in the Topic assigned to the Group to which he/she belongs.

Please look up the Resources for Special Additional Assignment to see the Assignment Handout and to look up the group you are assigned to.

Those who have not responded to the survey can not participate in this activity but are welcome as Late Joinees. They will be added at the end of the week and will be penalised while evaluating.

The Link for Registering for Additional Assignment is on the Main Course Page.



Resources for Special Additional Assignment

### Lecture 1: Sat, Jan 9, 2016 : 2-3 pm

#### Course Outline

- Software Development Life Cycle
- Unified Modelling Language
- Design Patterns



Video



Slides

# Lecture 2: Sat, Jan 9, 2016: 3-4 pm

#### **Object Oriented Programming**

- Programming Concepts
- Programming Paradigms
- OOP Paradigm
- Time Line
- Thinking Objects
- Classes and Objects
- Encapsulation
- Extensibility and Reusability





# Lecture 3: Sat, Jan 16, 2016: 2-3 pm

SDLC Models: Waterfall, Unified Process, Agile

Chapter 1 and 2 of Text Book (Larmen C)



Video-Part-1



Slides

# Lecture 4: Sat, Jan 16, 2016: 3-4 pm

SDLC Models: Waterfall, Unified Process, Agile

Chapter 3 to 5 of Text Book (Larmen C)



Video-Part-2



Slides

### Lecture 5: Sun, Jan 17, 2016: 2-3 pm

Object Oriented Analysis: Building Use Case Model

Chapter 6 and 7 of Text Book (Larmen C)



Video-Part-1



Slides

# Lecture 6: Sun, Jan 17, 2016: 3-4 pm

Object Oriented Analysis: Building Use Case Model

Chapter 6 and 7 of Text Book (Larmen C)





#### Lecture 7: Sat, Jan 23, 2016 : 2-3 pm

Creating System Level Artefacts: Domain Model, SD & Operation Contract Chapter 8 and 9 of Text Book (Larmen C)



Video



Slides

#### Lecture 8: Sun, Jan 24, 2016 : 2-3 pm

Creating System Level Artefacts: Domain Model, SD & Operation Contract Chapter 10 and 11 of Text Book (Larmen C)



Slides



Video

#### Lecture 9: Sat, Jan 30, 2016 : 2-3 pm

Object Oriented Design: refinement in Use Cases & Domain Models, Interaction Diagrams, State Transition Diagrams, Activity Diagrams.

Chapters 12, 14, 15, 30, 31, 32 of text Book (Larman C)



Video



Slides\_09

#### Lecture 10: Sun, Jan 31, 2016: 2-3 pm

Object Oriented Design: refinement in Use Cases & Domain Models, Interaction Diagrams, State Transition Diagrams, Activity Diagrams.

Chapters 16, 22, 27, 28, 29 of text Book (Larman C)



# Lecture 11: Sat, feb 6, 2016: 2-3 pm

Review-1 for Mid Term Exam



No Slides

Review Slides for Session 1 to 10 for Mid Term Syllabus

### Lecture 12: Sun, Feb 7, 2016 : 2-3 pm

Review-2 for Mid Term Exam



No Slides

Review Slides for Session 1 to 10 for Mid Term Syllabus

# Lecture 13: Sat, Feb 13, 2016: 2-3 pm

Visibility between Objects, Class Diagrams, Package Diagrams





### Lecture 14: Sat, Feb 13, 2016 : 3-4 pm

Visibility between Objects, Class Diagrams, Package Diagrams





# Lecture 15: Sat, Feb 20, 2016: 2-3 pm

**GRASP** 



Slides 15



Video

# Lecture 16: Sun, Feb 21, 2016: 2-3 pm

**SOLID** 



Slides 16



Video

## Lecture 17: Sat, Mar 19, 2016: 2-3 pm

Review So Far and Introduction to GoF Patterns

NO SEPARATE SLIDES AS THIS WAS A REVIEW SESSION



Video-part-1

# Lecture 18: Sat, Mar 19, 2016: 3-4 pm

GoF Introduction

Discussion



Video-part-2



Slides Session 18

# Lecture 19: Sun, Mar 20, 2016: 2-3 pm

**GoF Discussion** 



Slides Session 19



Video-Part-1

# Lecture 20: Sun, Mar 20, 2016: 3-4 pm

**GoF Discussion** 



Video-Part-2



Slides Session 20

# Lecture 21: Sat, Mar 26, 2016 : 2-3 pm

**GoF Discussion** 



Video-Part-1



Slides Session 21

# Lecture 22: Sat, Mar 26, 2016: 3-4 pm

Pre-examination Review

#### NO SEPARATE SLIDES FOR THIS SESSION



Video-Part-2

#### **NAVIGATION**



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       General
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       Lecture 2: Sat, Jan 9, 2016 : 3-4 pm
       Lecture 3: Sat, Jan 16, 2016 : 2-3 pm
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       Lecture 5: Sun, Jan 17, 2016: 2-3 pm
       Lecture 6: Sun, Jan 17, 2016: 3-4 pm
       Lecture 7: Sat, Jan 23, 2016: 2-3 pm
       Lecture 8: Sun, Jan 24, 2016 : 2-3 pm
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LATEST NEWS	
Lab Exercises and Practice Quiz 12 Mar, 14:19 UMA MAHESWARI NATARAJAN.	
Additional Assignment 8 Mar, 12:12 H S JABBAL .	
Link Between Modules and Text Book Chapters 8 Mar, 12:08 H S JABBAL.	
Lab Exercises 22 Feb, 16:58 H S JABBAL.	
QUIZ I 6 Feb, 14:16 H S JABBAL .	
Older topics	

#### **UPCOMING EVENTS**

-<

There are no upcoming events

Go to calendar...

New event...

#### **RECENT ACTIVITY**

Activity since Monday, 11 April 2016, 6:18 PM Full report of recent activity...

Nothing new since your last login

You are logged in as AJAY KUMAR P . (Log out) Home