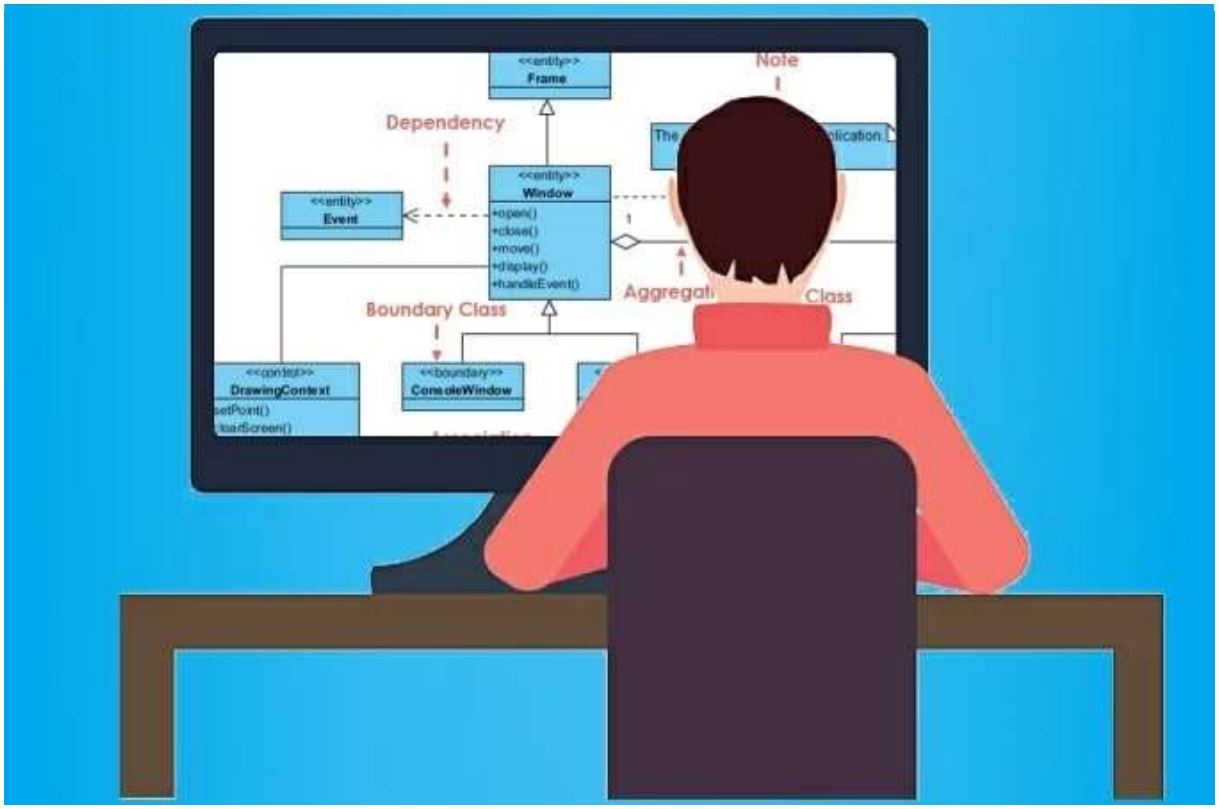
Software Design & Architecture
Spring 2022 - Week-16



مدرس: مہندس ماجد کلیم

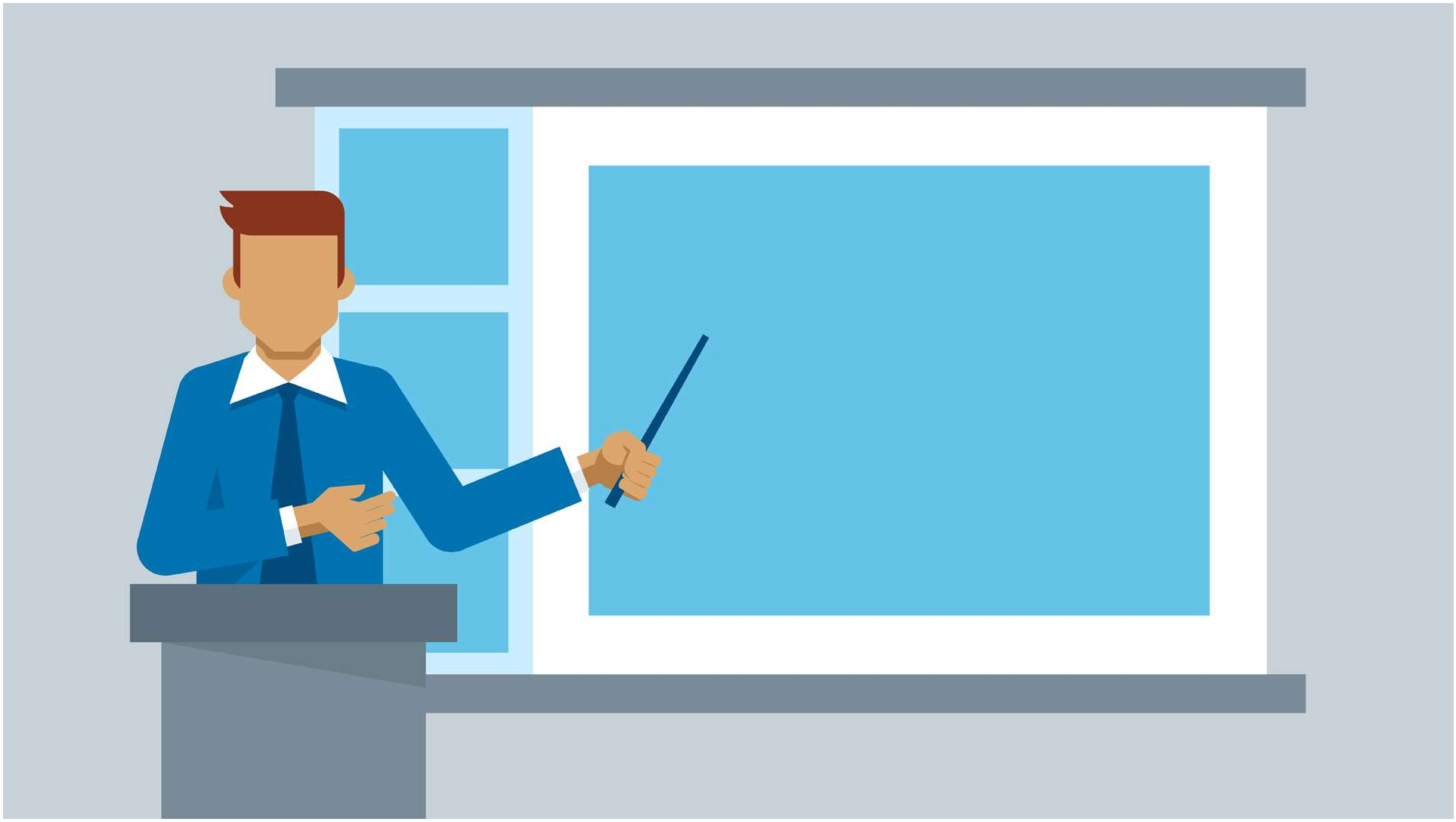
جامعہ بحریہ، واقعگاہ کراچی

Engr. Majid Kaleem

Weekly Agenda

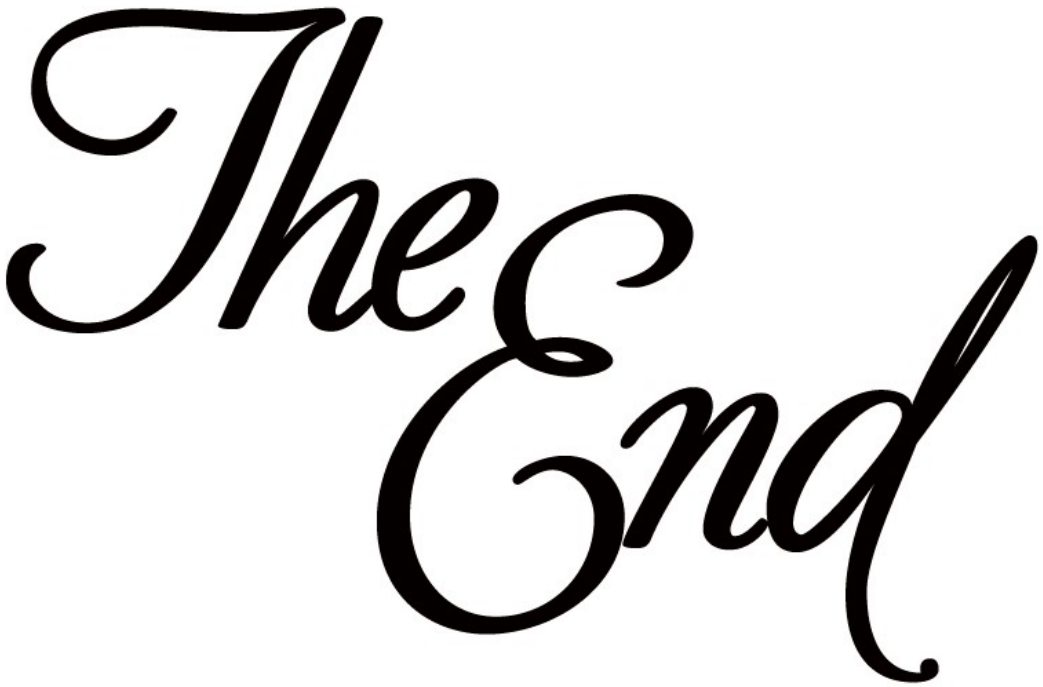
Tentative Weekly Dates		Tentative Topics
1	Mar 7th – Mar 11th	Introduction to the Course; Defining Software Architecture & Design Concepts
2	Mar 14th – Mar 18th	Design principles; Object-Oriented Design with UML
3	Mar 21st – Mar 25th	System Design & Software Architecture; Object Design, Mapping Design to Code
4	Mar 28th – Apr 1st	Functional Design; UI Design; Web Applications Design **ASSIGNMENT & QUIZ #1**
5	Apr 4th – Apr 8th	Mobile Application Design; Persistence Layer Design
6	Apr 11th – Apr 15th	Creational Design Patterns
7	Apr 18th – Apr 22nd	Structural Design Patterns **ASSIGNMENT & QUIZ #2**
8	Apr 25th – Apr 29th	Behavioral Design Patterns
← Mid Term Examinations →		
9	May 9th – May 13th	Interactive systems with MVC architecture; Software Reuse
10	May 16th – May 20th	Architectural design issues; Architecture Description Languages (ADLs)
11	May 23rd – May 27th	Architectural Styles/Patterns & Design Qualities
12	May 30th – Jun 3rd	Architectural Styles/Patterns & Design Qualities **ASSIGNMENT & QUIZ #3**
13	Jun 6th – Jun 10th	Quality Tactics; Architecture Documentation
14	Jun 13th – Jun 17th	Architectural Evaluation Techniques
15	Jun 20th – Jun 24th	Model driven development **ASSIGNMENT (Presentations) & Quiz #4**
16	Jun 27th – Jul 1st	Revision Week
← Final Term Examinations →		

PRESENTATIONS



REVISION

Thank you all for being Good & Cooperative students in Spring 2022 SDA course!
I'm truly humbled & thankful!



Wishing you all good grades!
Enjoy your summer vacations!
Good Luck & Good Bye for now.....