Information System Department
Faculty of Computers and Information
Cairo, Egypt

System Design Course Plan 2015

Week No.	Start Date	Lab Exercise	Assign. Hand-out	Assign. Hand-in
1	Feb-7			
2	Feb-14	Computing Environment Architectures + SOA + Cloud Computing	Ass#1 Comparison study between the difference architectures	
3	Feb-21	Designing Input screens, output reports, and GUI using a CASE tool. Differentiate between mock-up tools [pencil] and GUI tools	Ass#2 - Problem description for input/output screen (change ex)	Ass#1
4	Feb-28	Implementation + Different types of programing types based on different architecture + deployment.		Ass #2
5	Mar-7	Testing Life cycle	Ass#3 - Survey on all testing techniques state definition and when to use	Ass#3
6	Mar-14	Performance assessment of Information system		
7	Mar-21	Exercises on ORM	Ass#4 - ORM Exercises	
8	Mar-28	Mid Term [preliminary]		
9	Apr-4	WSDL + running example for web service calling.		Ass#4
11	Apr-11	(13-April - Sham El Neseem)		
10	Apr-18	Exercises on BPEL constructs and modeling in BPEL,mapping between BPMN to BPEL		
12	Apr-25 (25th Tahrir Sina)	Exercises on BPEL constructs and modeling in BPEL,mapping between BPMN to BPEL	Ass#5 - BPEL Exercises	
13	May-2 (1st May 3omal)	Exercises on process instantiation	Ass#6 - Process instantiation	Ass#5
14	May-9	Exercises on process mining	Ass#7 - Process Mining	Ass#6
15	May-16	Exercises on process mining		Ass#7
16	May-23			

System Design Course Plan 2015

CASE Tools Used:

CASE Tool	Lab Week
User Interface tool [pencil – vs2012]	Lab 2

Important notes:

Grading:

Assign 1	Assign 2	Assign 3	Assign 4	Assign 5	Assign 6	Assign 7	Total Assignment	Midterm	Final
5 %	5 %	5 %	4 %	4 %	4 %	3 %	30 %	10 %	60 %

Contacts Information

Dr/ TA	E-mail
Dr. Sherif Mazen	s.mazen@fci-cu.edu.eg
Dr. Ahmed Hany	a.gaafar@fci-cu.edu.eg
Iman Helal	i.helal@fci-cu.edu.eg
Dina Bayomie	dina.sayed@fci-cu.edu.eg
Fatma Abd El Dayem	fatmaabdeldayem@fci-cu.edu.eg
Hala Magdy	hala.magdy@fci-cu.edu.eg
Marwa Galal	m.hussein@fci-cu.edu.eg
Leila Esheiba	laila.abdelrahman@fci-cu.edu.eg