EBM 384-Software Engineering Lab	Debm382-84 Office Hours Wed 14:00-16:00, Thu 14:00-16:00 Med 14:00-16:00 TAEOHSHoonJPIXISggarL BNSEPHIOp (English, 9th Ed) (Turkish, translated from 10th Ed)	BBM 384-Software Engineering Lab TAs (teaching assistants): 14:00-16:00 Pelin Canbay Buru Yaloner Buru Yaloner Nebi Yilmaz Silides and materials Mussilidive go to be followed to be followed Component Focess https://drive.go to be followed Giff Giff Giff Giff Giff Giff Giff Giff	notice in the second control of the second community is pelin@cs hacettepe.edu.tr burcuyalciner@cs.hacettepe.edu.tr yilmaz@cs.hacettepe.edu.tr yilmaz@cs.hacettepe.edu.	Office Hours
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PDF: https://drive.google.com/open? id=1PUpXsiScpX- vUGS_6pcwind1WMXX13TTY The Art of Visualising Software Architecture	UML for Java Programmers	ners	https://drive.google.com/open? id=1932XG4woZwsJDA3V/HFViaUrfexrO5xUYwRh BRXHKhRo	
https://drive.google.com/open? id=1PUpXsi3cpX- vUGS_6pcwid-1WWIXT37TY The Art of Visualising Software Architecture	PDF:			
The Art of Visualising Software Architecture	https://drive.google.com/open?id=1PUpXsj3cpX-vUGS_6pcwlq1WWtXT37TY	<u>n?</u>	To be announced	
		Requirements of the system:	To be announced	
https://leanpub.com/visualising-software- architecture/read	ф	GUI building in Eclipse using WindowBuilder	https://eclipse.org/windowbuilder/	
Components Midtern Exam	25.00%	GitHub	Students should use GitHub to host and track their	
	40%		www.github.com	
UML assignment	15.00%		Install "GitHub for Eclipse"	
Reading Assignments (4 RAs)	10.00%		https://eclipse.github.io/	
Attendance	10.00%		Naming convention for projects: bbm384s2019g#, where # is your group number, such as: bbm384s2019g2	
Total	tal 100.00%		Not following the naming convention and other advices given by the instructors will lead to reduction of your marks	
Software system to be discussed in Flight ticketing system lecture:			A good client for GitHub: https://www.sourcetreeapp.com	

BBM382		Asgn. (see below)		BBM384				Deliverables (see below)
Date Content	Ch's I	Due dates	Week#	Date	Content	ch's	Other References	Return
February 28, 2019 Introduction, Waterfall SD	,, ,, ,,			1 March 1, 2019	OpenUP / Lab. SDLC, Assets Introduction	1.2	SDLC & Dev.Schedule	
March 7, 2019 Prj. Mgt, Prj. Planning & Risk Mgt.	1, 2, 22, 23			2 March 8, 2019		2.3	Sw.Vision & Prj.Plan Temp.s	
March 14, 2019 Software Requirements and UML	4	RA-1		3 March 15, 2019	UML Modeling (Context, Use Case, Activity D.)	4	SRS Template	
March 21, 2019 Exercise in class-System: BILSIS	4			4 March 22, 2019	March 22, 2019 Example Requirements Modeling with UML	4	Sw.Vision & Prj.Plan Examples DEL #1 (on March 13)	s DEL #1 (on
March 28, 2019 System Modeling	5,6	RA-2		5 March 29, 2019	Example Requirements Modeling with UML	4	SRS example (UCD, GUI, Data model)	model)
April 4, 2019 Architectural Design	9			6 April 5, 2019	UML Modeling (Package, Component, Deployment D.)	5.6	Sys.Test Case Temp.	DEL #2
April 11, 2019 Design & Imp. (UML modeling) /	7	RA-3		7 April 12, 2019	Example Arch. & HL Design Modeling with UML	6.7	Arch.Notebook Temp.	
April 18, 2019 MIDTERM				8 April 19 2019	IIMI Modeling (Statechart Class Seguence D) - 1	7	Example Coding Std	DFI #3
April 25, 2019 Software Testing 1	00				UML Modeling (Statechart, Class, Sequence D.) - 2	. 00		demo
-	+	UML Assignment				6	Svs.Test Report Temp.	
May 9, 2019 Software Evolution and Maintenance	6	0		11 May 10, 2019			-	DEL #4
May 16, 2019 Change/Configuration Management	24	RA-4		12 May 17, 2019	May 17, 2019 Project presentations			demo
May 23, 2019 Quality Management	æ			13 May 24, 2019	Project presentations			
May 30, 2019 Software Process (Others)	3			14 May 31, 2019	May 31, 2019 Project presentations			DEL #5
Reading Assignments (RA):								demo
RA-1 Thaver, "Software Syst, Eng.", IEEE Computer, 2002	2002.		OpenUF	/ Exampler Site / All templates	OpenUP / Exampler Site / All templates will be used from this site / Basic Roles will be used			
	". Interaction	s. 2004.	http://e	http://epf.eclipse.org/wikis/openup/				
	esign Descrip	tion", IEEE Software, 2006.						
RA-4 Louridas, "Test Management", IEEE Software, 2011.	2011.		Project	Documentation:	Software / code:	Mark %	Total milestone mark	
				Software Vision		4%		
			DEL #1	Project Plan		%9	10%	
			DEL#2	Software Requirements		15%	15%	- 10
Get the PDFs of reading assignments from:				Architectural Notebook		2%		
https://drive.google.com/open?id=1-Ate.IEnoH2fciMEY7260TvXI-s8EOfSA	REOfSA			List of System Test Case		3%		
				Definitions				
What to do:				Dislocation or an article	Prototype 1: demo of a single use case	2%		
Read & summarize each paper in max 2 A4 pages, IN YOUR OWN WORDS.	N WORDS.		DEL#3	report (see tab "Writing		3%	20%	
Submit your summary via the "Submit" system				Configuration/change management report (see tab "Writing change mng		4%		
https://submit.cs.hacettepe.edu.tr/				Software Design document (UMI models)		10%		
IMPORTANT:			DEL #4	Coding Standard		7%	20%	10
Do NOT COPY/PASTE the material from the papers into your assignment!	gnment!				Prototype 2: demo at least 6 use cases (half of system)	%8		
				Software Test RESULT Report		2%		
UML assignment:				Risks management report (see tab "Writing risk mng report")		%5		
For the Gmail application, draw: -Context degram -Use case diagram -Activity diagram for three use cases -Class diagram -Sequence diagram for three use cases			DEL#S	Configuration/change management report (see tab "Writing change mng report")		2%	32%	20
Put all your models (UML diagrams) in a single Word / PDF file and submit the SINGLE file by the deadline in the SUBMIT system (if you have issues, contact the TAs). One report by each student.				Presentation (EACH STUDENT should say what s/he has done)		2%		
As the UML tool, you should use the Visual Paradigm tool					Deleges Circl description of seftences and description (all seconds)	100/		