

ROADMAP

Date/Phase	Task	Input	Output	Note
Kick off	Form group			See course PM
	Select project			See course site
	Register project			
	Setting up project site			Visit workshop 1. After this session there should be something to run (a few classes).
Start Requirement Elicitation and analysis.	Have a look at RAD, try to find a use case.		A use case	
18/3	First supervised meeting	Selected project, initial sketch of RAD, possible a use case	Review of RAD hopefully some more use case	Project site checked
	Finding functionality	Scenarios Use cases	Use cases Functional requirements	Prototyping
	Finding non-functional requirements		Non-functional requirements	
	Creating the analysis model	Use cases (nouns)	UML class diagram UML sequence diagram (one is enough)	
	Use interface	Use cases (verbs) Use cases	GUI mock-up	
25/3	Second supervised meeting	RAD requirements elicitation parts finished. Functional and non-functional requirements. Initial analysis model.	Review of RAD. Initiating system design	
Start system design	Design goals	Non functional requirements	Updated SDD	Possible start implementing GUI (without functionality)
	Decomposition into tiers (just if you have many applications)	RAD	A partitioning into separate applications. Interfaces between application. Update SDD: UML deployment diagram. Interfaces as code or class diagrams	NOTE: Skip this if you have a single application
	Decomposition into subsystems	RAD	Partitioning applicatio(s) into subsystems. Identifying interfaces to subsystems. Update SDD: UML Package diagram. Interfaces as code or class diagrams	NOTE: Searching the web for libraries (jar-files) can be rewarding. POSSIBLE: Selection of framework
	Layering	Subsystems	Layering of subsystems	Possible NA
	Dependency analysis	Subsystems	Update SDD: UML package diagram.	
	Concurrency			Possible NA
	Persistence			Possible NA
	Access control			Possible NA
	Boundary conditions			
	Points of variations			
15/4	Third supervised meeting	Review (update) of analysis. Grand design walk thru and review. Running preliminary demo of GUI.	Preliminary design, preliminary SDD. A list of use cases for the first iteration.	
Start implementation	Implementation and testing of subsystems	Interfaces	Tested subsystem	First subsystems involved in the simplest of use cases.
	Implementation of MVC model	GUI, subsystems	A basic up and running use case	
22/4	Forth supervised meeting	Demo of subsystems (tests). Design review. Possible a first use case running.	A possible stable design. Probably some refactoring Updated SDD	
	Continuing implementing use cases			
	Testing			
	Refactoring			
	Exceptionhandling			
	Bugfixes			
29/4	Fifth supervised meeting	Project review. Setting limitations for iteration one.	A possible reviewed goal for iteration I	

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6/5	Sixth supervised meeting	ITERATION 1 FINISHED, Evaluation	Planning for iteration 2. Priority!		
13/5	Seventh supervised meeting				
20/5	Seventh supervised meeting	ITERATION 2 FINISHED Final beta version of application (except for minor bugfixes). Near final documentation.	Last minute minor changes		
	Cleaning up				
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