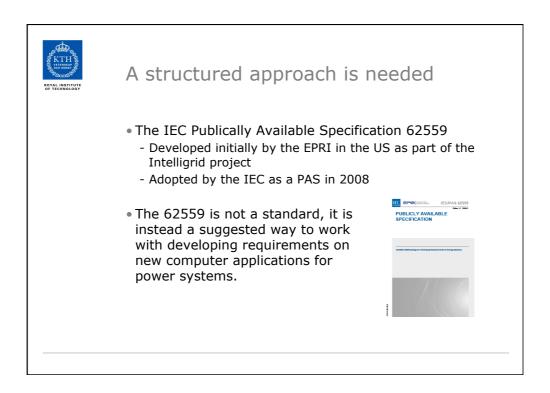
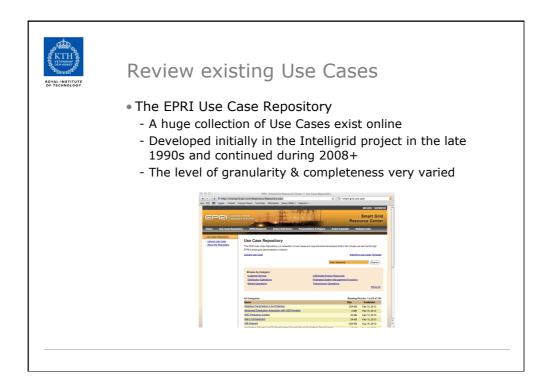
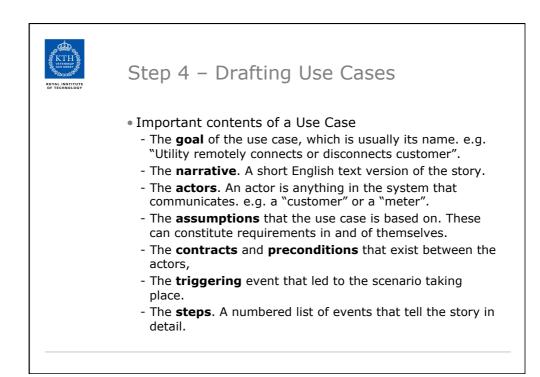
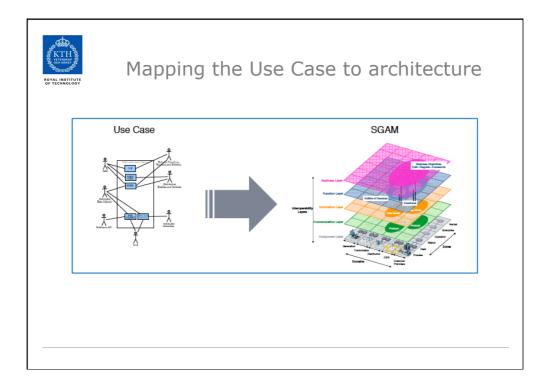


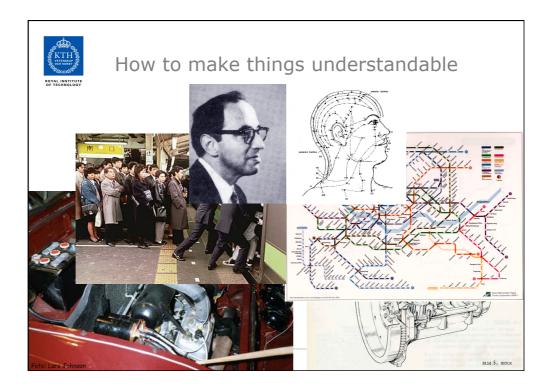
CKETHER STORE	Outline of the lecture
	Smartgrids Use Case Methodology Short re-cap of last lecture UML – The Unified Modeling Language What is UML UML Diagrams Break
	UML Class Diagrams UML Use Case Diagrams UML Sequence Diagrams



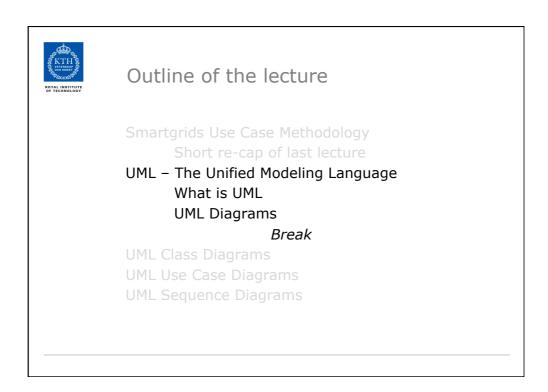


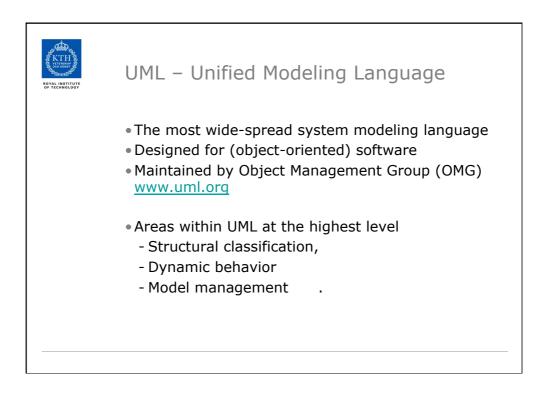


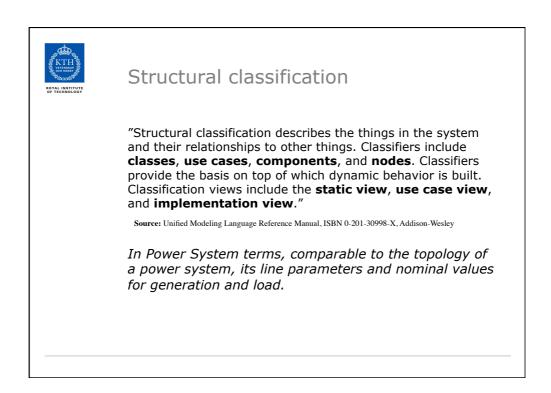


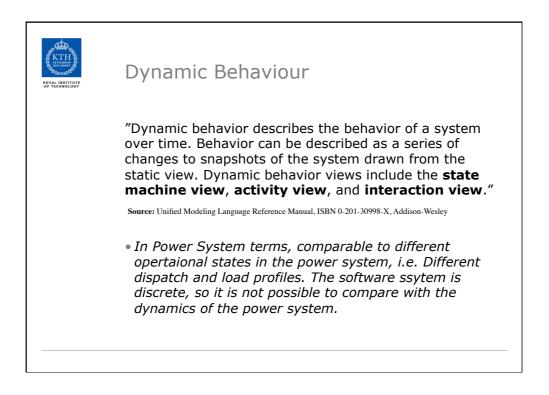


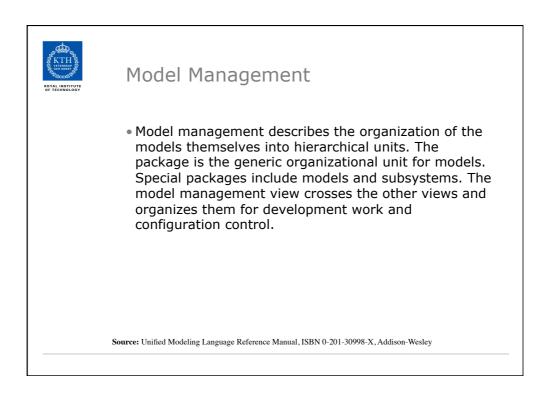
KITHIN THE STATE OF THE STATE O	Step 4 – Drafting Use Cases			
	<ul> <li>Important contents of a Use Case</li> </ul>			
	<ul> <li>The goal of the use case, which is usually its name. e.g.</li> <li>"Utility remotely connects or disconnects customer".</li> </ul>			
	- The <b>narrative</b> . A short English text version of the story.			
	<ul> <li>The actors. An actor is anything in the system that communicates. e.g. a "customer" or a "meter".</li> </ul>			
	<ul> <li>The assumptions that the use case is based on. These can constitute requirements in and of themselves.</li> </ul>			
	- The <b>contracts</b> and <b>preconditions</b> that exist between the actors,			
	<ul> <li>The triggering event that led to the scenario taking place.</li> </ul>			
	- The <b>steps</b> . A numbered list of events that tell the story in detail.			

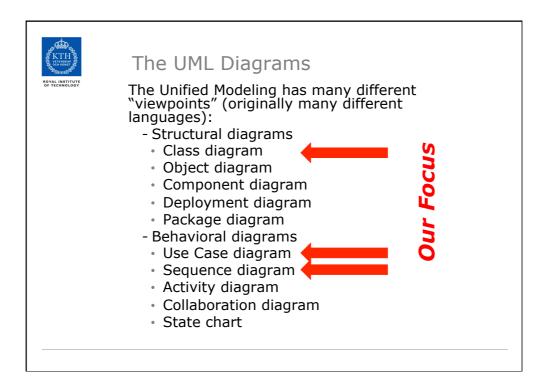


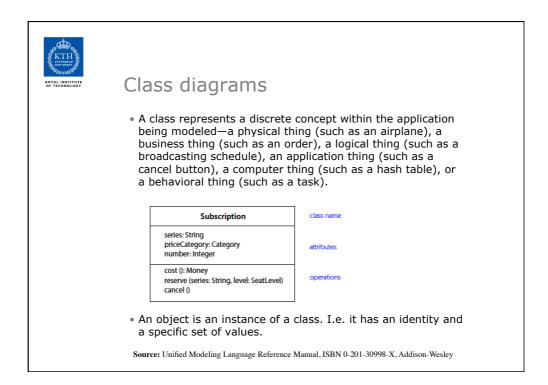




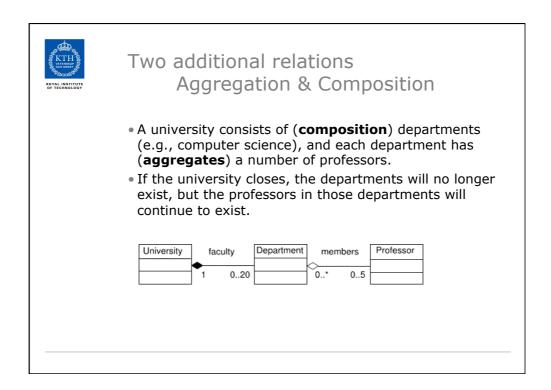


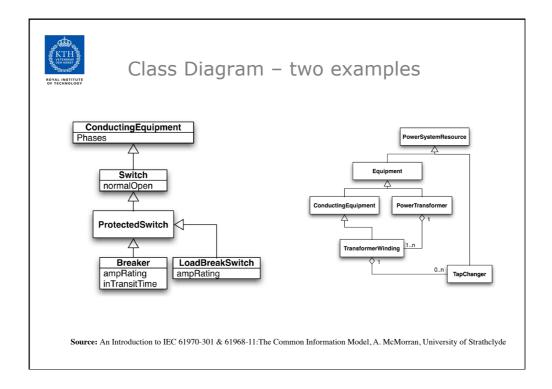


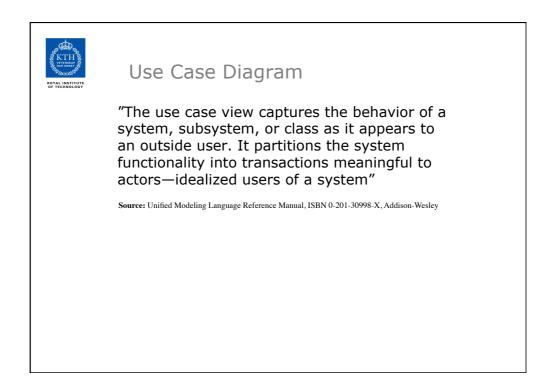


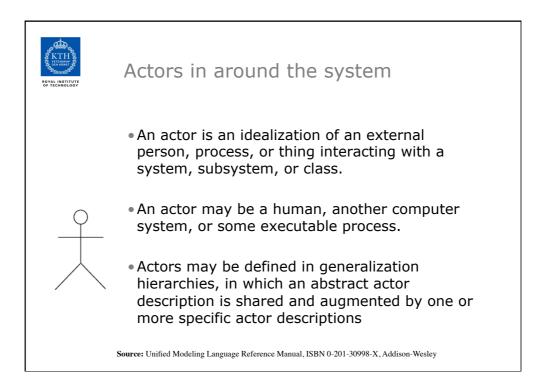


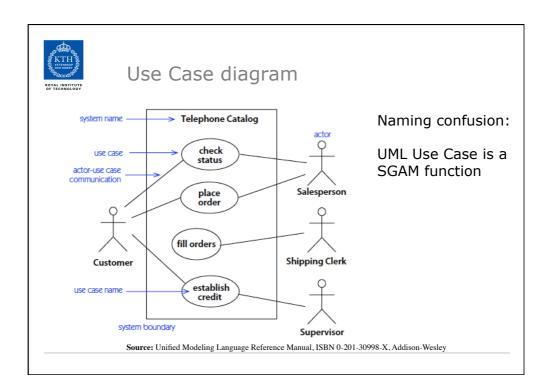
ROVAL MESTUUE	As	Associations between classes				
		Table 4-2: Kinds of Relationships				
	Relationship	Function	Notation			
	association	A description of a connection among instances of classes				
	dependency	A relationship between two model elements	····>			
	flow	A relationship between two versions of an object at successive times	····>			
	generalization	A relationship between a more general description and a more specific variety of the general thing, used for inheritance	$\square$			
	realization	Relationship between a specification and its implementation	⊅			
	usage	A situation in which one element requires another for its correct functioning	>			
	Source: Unifie	d Modeling Language Reference Manual	, ISBN 0-201	-30998-X, Addison-Wesley		











TECHNOLOGY	Use Case relations Table 5-1: Kinds of Use Case Relationships					
	Relationship	Function	Notation			
	association	The communication path between an actor and a use case that it participates in				
	extend	The insertion of additional behavior into a base use case that does not know about it	«extend» ≫			
	use case generali- zation	A relationship between a general use case and a more specific use case that inherits and adds features to it				
	include	The insertion of additional behavior into a base use case that explicitly describes the insertion	«include»			

