

Environment	(max)	Points	
Integrated development environment (IDE) can be used in a professional manner (short-cuts, importing APIs, etc.)	1 P	1	
Used a CASE-Tool for UML (stand-alone, plugIn, etc.)	1 P	2	
Used a version control tool (Git, Subversion)	1 P	3	
<b>Implementation</b>	<b>2 P</b>		
<b>Your own project has been implemented...</b> with use cases with a sequence diagram with class diagrams (a rough sketch at beginning, detailed at end of project)	+ 1 P + 2 P + 1 P + 2 P	11	
<b>Code is runnable</b> should run, but doesn't it runs for certain use cases, with others it crashes runs fully	1 P -1P + 1 P	13	
<b>Exception-Handling is being used</b> own Exceptions implemented	2 P + 2 P	17	
<b>Input and output</b> via console using files / data source very user friendly	1 P + 2 P + 2 P	22	
<b>JavaDoc</b> is used for min. 80% of classes and min. 80% of methods	2 P	24	
<b>JUnit</b> is applied for min. 1 class with min. 2 test methods for a higher test coverage	1 P + 2 P	27	
<b>Object-orientated concepts in code</b>	1 P	28	
OO-concepts are shown with own written code Encapsulation / Information Hiding is applied Delegation is being used Aggregation / Composition is implemented Classes are well structured (ie. what they need to do with clearly defined methods)	1 P 1 P 1 P + 1 P	32	
Clean code (ie. main-method has no logic), distinction between input and logic (and data)	+ 2 P	34	
Project is briefly presented in class / or to teacher	+ 2 P	36	
<b>Documentation</b> covering design, planning and test cases (use cases)	4 P	40	

Maximum points: 40; for grade 6 you need min.38pts.; for grade 5: min.30pts; for grade 4: min.23pts; for grade 3 min.15pts. If you have below 23pts the third column in the c-grid remains empty.