Code Review Check list

Reviewer: Arne Sven Stühlmeyer
Use Case: #30

Description	Comment	check
Structure		
Does the solution only cover the modules task?		X
Is the code well-structured, consistent in style and consistently formatted?		X
Is there unreachable code?		X
Are there any leftover stubs or test routines?		X
Is there any redundant code?		X
Are any modules excessively complex?		X
Documentation		
Are the comments consistent?		X
Are the comments sufficient and understandable?		X
Variables and Methods		
Are all variables/methods properly defined with meaningful, consistent names?		X
Are there any redundant or unused variables/methods?		X
Loops and Branches		
Are all cases covered in IF-blocks?		X
Are logical structures nested correctly?		X
Are loop termination conditions achievable?		X
Are indexes properly initialized?	It would be sufficient enough to declare unsigned int i once per method	X
Defensive Programming		
Are indexes and pointers tested against array bounds?		X
Are imported data and input arguments tested for validity and completeness?		X
Are all output variables assigned?		X
Is every memory allocation deallocated?		X
Code Conventions		
Are the Code Convetions fulfilled?		X