Code Review Checklist

Please use the following checklist for reviewing the presented change. For each question check:

- "Yes" field – in case you have checked the code and everything is OK
- "No" field – in case you have checked the code and found some defects

If the item of the checklist does not apply or you did not check the code for it, please leave both columns unchecked.

General

Yes	No	
☐	☐	Are all the changes relevant?
☐	☐	Do the classes and methods fulfill their purpose?
☐	☐	Are the messages and texts for the user correct?

Classes

Yes	No	
☐	☐	Are all assignments of attributes correct?
☐	☐	Are the classes implemented correctly? E.g., do they correctly implement inheritance and are they protected against unintentional access to their data?

Methods

Yes	No	
☐	☐	Do methods always return a valid value?
☐	☐	Do methods check parameters for validity (if needed)?
☐	☐	Are all parameters used?

Arguments

Yes	No	
☐	☐	Are the correct arguments used in all method calls?

Variables

Yes	No	
☐	☐	Are all variables, counters and accumulators initialized properly and, if necessary, re-initialized each time they are used?
☐	☐	Are all declared variables being used?

If-Then statements

Yes	No	
☐	☐	Do the if–else statements fit the intended purpose?
☐	☐	Are all edge cases handled?

Loops

Yes	No	
☐	☐	Do the loops end under all possible conditions?
☐	☐	Are the break and continue statements used properly?

Recursion

Yes | *No*

☐ | ☐   Does the recursion terminate properly?

Errors

Yes | *No*

☐ | ☐   Are the exceptions handled correctly?

Final Check

Yes | *No*

☐ | ☐   Are all the changes consistent with each other?