

Review Report PL

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This is the review report containing our reviews for the group Kalyan Nadimpalli (IMT2018034), Shashank Reddy (IMT2018069), Sai Sumanth (IMT2018084).

Topic: Code Quality Checker

Overall we think that the presentation and their work was great as it provided a great insight about the topic. The topic they presented was new to us and we think they presented it in a pretty clean manner.

Though we think it was a little rushed (Though we think 20 minutes were not enough to present so this was expected) but indeed they presented a quality work which we think can be further worked upon.

They answered the questions in a proper way which shows that they have surely done proper research on their topic. The display format of the presentation and the details it had were good.

It was quite interesting to see how Halstead went to a psychologist and used their discussion in his formula.

We had asked them about the logic behind the maintainability index formula and they surely did explain it properly. They also ran some test files to show examples of how the maintainability index was different for 2 files and the results were matching with the intuition of "maintainability".

The way cyclomatic complexity attempts to measure the number of control paths is also quite amazing knowing the fact that a simple program with if-else statements can have the number of control paths in millions.