**Software Maintainability**

# **Part 1: Tool Demonstration**

***Tool Demonstration***

[Demonstrate the use of the tool on one of your own Java programs or a Java program you download from the web by generating a report that includes complexity metrics and one additional (non-default) metric that is appropriate for the code you are analyzing and delete this text and the brackets.]

***Metrics Interpretation***

[Mention what additional metric(s) you chose and delete this text and the brackets.]

[Provide an interpretation of what the metrics indicate in terms of the quality/design of your program and delete this text and the brackets.]

***Metrics Report and Source Code***

[Submit your source code as well as the metric report produced by the tool by copying and pasting it into your paper or inserting a screenshot and delete this text and the brackets.]

[If the source code is long, submit a 250 line excerpt from an interesting section instead (e.g., not just function definitions or preprocessor directives) and delete this text and the brackets.]

# **Part 2: Software Maintainability Measure**

***Maintainability Measure Identification***

[Identify and describe a software maintainability measure including how maintainability is calculated and delete this text and the brackets.]

***Relation to RSM Tool Metrics***

[Describe how the proposed measure relates to the RSM tool metrics and delete this text and the brackets.]

# **References**

[Using IEEE or ACM style, list your 3-5 references and delete this text and the brackets.]

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