Title of your work

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ABSTRACT

150 to 250 words summary describing: (i) the context of the work, (ii) the performed study, (iii) the achieved results.

1 INTRODUCTION

Introduction to the context of the work; what is the importance of the project (i.e., what can we learn from it); summary of what has been done; summary of the achieved results.

2 RELATED WORK

Existing literature that performed similar studies. This is an example of reference: Gethers and Poshyvanyk [1]. For each study describe in which aspects your study is different/similar.

3 STUDY DESIGN

Define the *goal* of the study and the *research questions*. Examples of research questions:

- **RQ**$_1$: *Does popularity of open source projects correlate with their source code quality?* (Jesper)
- **RQ**$_2$: *Does the comments' quality and density correlate with bugs?* (Jon)
- **RQ**$_3$: *To what extent is it possible to predict reopened bugs?* (Talal)

3.1 Context Selection

What are the objects (systems) of the study? Justify your selection (i.e., why these objects?)

3.2 Data Extraction Process

How did you collect the data needed for your study? Carefully explain each step.

3.3 Analysis Method

Explain how the collected data has been analyzed to answer the research questions (e.g., which descriptive statistics have been computed, data visualization, statistical tests, effect sizes, etc).

3.4 Replication Package

A link to a zip file containing all the data and *R* scripts used to run the study. The zip file must contain a README.txt file explaining the data and the scripts.

4 RESULTS DISCUSSION

Discussion of the achieved results. Tip: define a subsection for each research question; conclude the results discussion for each research question by explicitly answering it.

5 THREATS TO VALIDITY

Discuss the threats that could affect the validity of the reported results.

6 CONCLUSION AND FUTURE WORK

Summarize your findings, highlight ideas for future work (No more than one column).

REFERENCES

[1] Malcom Gethers and Denys Poshyvanyk. 2010. Using Relational Topic Models to capture coupling among classes in object-oriented software systems. In *26th IEEE International Conference on Software Maintenance (ICSM 2010)*. 1–10.