MEASURING AND IMPROVING AGILE PROCEESES

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INTRODUCTION

- *THIS RESEARCH WAS CONDUCTED BY RESEARCHER MICHAL CHORAS.*

- *THE MAIN PURPOSE OF THIS RESEARCH WAS REPORTING A PRACTICAL EXPERIENCE ON THE USE OF METRICS RELATED TO THE SOFTWARE DEVELOPMENT PROCEESS.*

- *AS A MEAN SUPPORTING SMEs IN THE DEVELOPMENT OF SOFTWARE FOLLOWING AN AGILE METHODOLOGY*

LITERATURE REVIEW

SR	NAME	AUTHOR	YEAR	METHOD	RESULT
1	THE CHOAS REPORT	G. STANDISH	2019	MIXED	UNCERTAINTIES DUDUCED
2	PROJECT COMPLEXITY CONSTRUCTED	J.BAKSHI	2017	EXPERIMENT	PROJECT COMPLEXITY CHART
3	Q-RAPID	R.WILDEN	2020	MIXED	

METHODOLOGY

- *FOLLOWING METHODS ARE USED*
- *GENERAL*
- *TASK ESTIMATION*
- *TASLK IMPLEMENTATION*
- *BUG FIXING*
- *TESTING*

ANALYSIS

- *WHAT ARE PROCESS MATRICS ASSESSMENTS*

- *WHAT ARE THREATS TO VALIDITY IN Q-RAPID PROJECT*

RESULTS

- *A catalogue of Agile development process metrics practically validated in the context of a small-size software development company, adopted by the company in their Agile projects*

- *CONCEPT TO MONITOR PROCESS ARE*

- *TASK   ISSUE /BUG   EFFORT*

CONCLUSION

- *Practitioners may adopt these metrics in their Agile projects, especially if working in an SMEs*

- *customise them to their own needs and tools*

- *Academics may use the findings as a baseline for new research work, including new empirical studies.*