Cost Estimation Using Regression Analysis Harvard Case Solution & Analysis

**Review on Traditional and Agile Cost Estimation
Success Factor in
Software Development Project**

*Zulkefli Mansor , Saadiah Yahya, Noor
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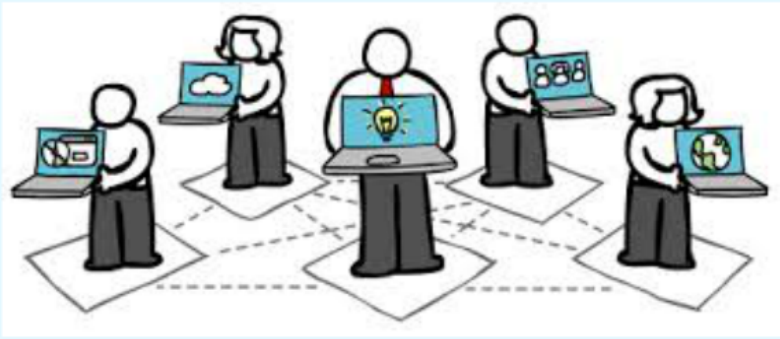
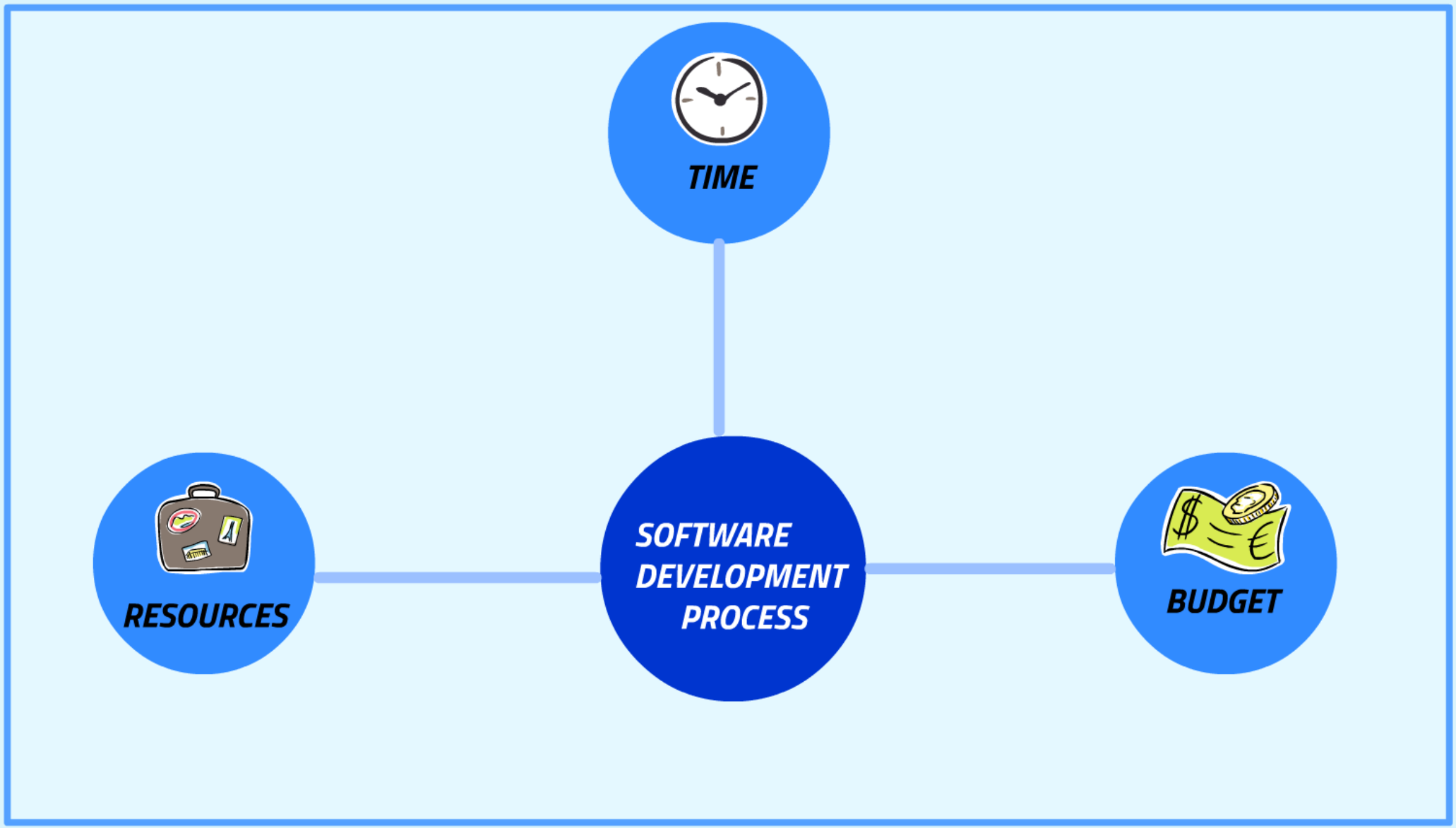
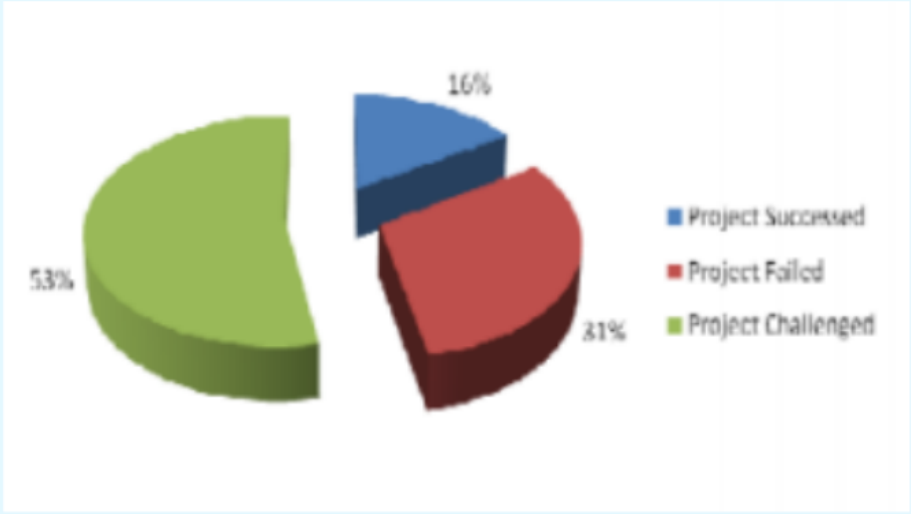
INTRODUCTION

- *Software development project is an important area in software engineering*
- *Many researches have been conducted*
- *Issues in software development project such as methodology used, costing, challenges, type of project were studied*

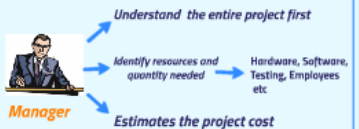



TIME
RESOURCES
SOFTWARE DEVELOPMENT PROCESS
BUDGET

RESULTS FROM A REPORT



Software Cost Estimation Process



Success factors in traditional cost estimation

- *Entertainment*
- *Changes of company policy*
- *Role of Sponsor*
- *Proper Tool Selection*
- *Suitable Estimation Technique*
- *Suitable Software Development Methodology*

Success factors in Agile Cost Estimation

- *Active Customer Involvement*
- *Strong Communication*
- *Simplicity*
- *Fixed Constraints*
- *User Stories*

CONCLUSION

- The Success factors of Traditional and Agile cost estimation process were studied
- Agile cost estimation process can produce more accurate result and can reduce effort, time and cost

Software Cost Estimation Process

Manager

Understand the entire project first

Identify resources and quantity needed → Hardware, Software, Testing, Employees etc

Estimates the project cost

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