

Practical Regression: Maximum Likelihood Estimation

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

Zulkefli Mansor, Saadiah Yahya, Noor
Habibah Hj Arshad

By,
TheCaseSolutions.com

INTRODUCTION

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



About IBM

The International Business Machines Corporation (IBM) is an American multinational technology and consulting corporation, with headquarters in Armonk, New York, United States.

It has often been known as a leading and consulting services, in various emerging from multinational corporations in information technology.



HISTORY

Established in 1911 as Computer Tabulating Recording Co. (CTR) and founded by 81 Charles T. Hopper.

He merged from companies for International C.T.R.

His company is considered as a 1000 employees in it is 1923 employees in it is 1923 across USA.



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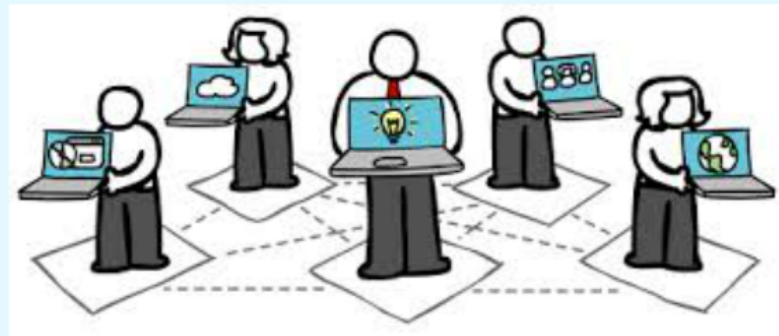
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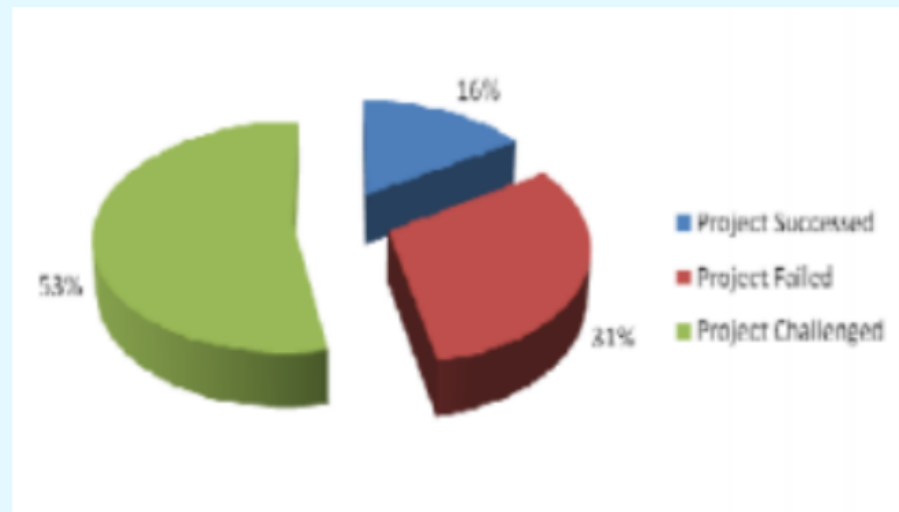
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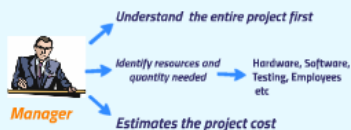




RESULTS FROM A REPORT

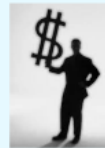


Software Cost Estimation Process



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

Success factors in traditional cost estimation

- *Entertainment*
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