

ESTIMATION OF SOFTWARE DEVELOPMENT USING COCOMO II

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ABSTRACT

The purpose of the research was to identify the value for effort, schedule and man-month base on the COCOMO II Model support decisions used for software development. The cost estimation in this model were presented in three phases: Application-Composition, Early Design, and Post-Architecture. Each session focused on different factors. This research studies the Terms of Reference (TOR) for the purchase Transaction Risk Identification and Analysis used to find the value of each function. The value of the function point used to calculate the data was the COCOMO II Model.

The results of study showed that the calculation in each period of the project were different. As a result of changes that were dependent on task and process time. A estimation cost can assist this project in regards to planning, lead time, effort, and cost.

**KEY WORDS: SOFTWARE COST ESTIMATION/ COCOMO II MODEL / SOFTWARE
PROJECT/ PROJECT MANAGEMENT / FUNCTION POINT**

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