ABSTRACT

Today, a successful company is able to develop, design and produce products for market than offered by competitors. Because of that, there are many problems when choosing the right requirements among many requirements that stakeholders want. So, It needs an approach and method that can prioritize Candidate requirements and satisfy the stakeholders and be able to handle the time and resource in the software development process.

The Cost-Value approach can prioritize the appropriate requirements based on Value and Cost so that the software menager can make decisions based on the best value but lowest cost. The Majority Voting Goal Base technique (MVGB) method focuses on the specific objectives and stakeholder requirements because stakeholders have an important role in determining priority requirements. The MVGB method will help in the cost-value approach process to determine the priority of better requirements.

The results are the scalability factor can be done by cost-value approach with MVGB method and cost-value approach with MVGB method on the requirement prioritization provide more important and cheaper results.

Keyword: stakeholders, develeoper, requirement prioritization, MVGB, Cost-Value Approach