

ABSTRACT

Requirements Engineering (RE) is associated with the creation of a set of specifications for software system that satisfy stakeholders and can be implemented, used, and managed using this alternative. RE is crucial for the success of a system or a project. The success of a system is also determined by the involvement of stakeholders, as all the needs that required on the system that come from what the stakeholders want. Stakeholders often distress on conveying what they want for their system development. Sometimes, stakeholders don't understand about their own requirements. A SRS often used for reference or a contract on an agreed system. When stakeholders do not completely understand about the specification, SRS document could be a problem. In this study, goal-based method will be used for helping stakeholders to convey their needs.

With Goal-Based Requirements Analysis Method (GBRAM), the researcher able to analyze their requirements of the information obtained. This study using a study case about Ananda Pharmacy Information System. This research produces Goal Schema that explain about *goals, goal types, stakeholders, agents, obstacles, constraints, action, precondition* and *postcondition* that could be used in Software Specifications Requirements (SRS).

The study indicate that stakeholders better understand their goals and needs so the researchers can convince stakeholders about their needs with documents that are easier for them to understand so that the resulting system can be in accordance with the needs that stakeholders want.

Keywords: Requirements Engineering(RE), Goal-Based Requirements Analysis Method (GBRAM), Stakeholders, Software Requirements Specifications (SRS)