

## ABSTRACT

PT. MULIA AGUNG CHEMINDO is a industrial chemical company that already become supplier for some high class company, such as Danone, Loreal, Sinde, etc. The organization consist of some division, that is Accounting, Marketing, Purchasing, inventory. Out of five, Inventory's business processes were still done manually. The manual work in inventory division could be called wasting time, because there is a lot of work related to other division or sub-division. Hence, inventory division need an information system to process the data for the business process, in hope for a better output.

In software development there are some phase to go through, one of them is requirement analysis. Requirement analysis is which all the requirement for the future system defined. In i\* framework, there are two types of model, strategic dependency and strategic rationale diagram, where the models are focused on the dependency between actor in business process.

Hence the works in inventory division are based on dependency between each actro. I\* framework was choosen because of the focus on analyzing the requirement based on the model of the dependencies between actor.

Kata kunci : *inventory, i\* framework, requirement analysis, dependency*