

ABSTRACT

PT. MULIA AGUNG CHEMINDO is a company that engaged in the Industrial Chemicals that in their business process, the company has already use information system in the accounting which all parts are connected to the accounting. However, in other division especially HRD is still doing the business process manually, so the data that required by accounting from HRD processed manually. So they need an information system on the HRD which by using information system every business process on HRD and the data that required by accounting may not be processed manually anymore to avoid things like paper lost and time lost.

In building the information system needs to go through several stages of the SDLC (Software Development Life Cycle). RE (Requirement Engineering) is an early stage of the SDLC. RE is recognized as an important task, since many software failures such as inconsistent, incomplete, or incorrect requirement spesification come from it. In RE, there is requirement analysis process that used to perform analysis of the user. Prototyping is one method that can be used to analyze the needs of user, where the prototype is analyzed to obtain user needs. One method for prototyping is evolutionary prototyping. The use of evolutionary prototyping on HRD information system for focusing on the basic needs that have been completely understood, and new requirement will be added according iterations to produce a prototype

Then the prototype evaluated by the director of PT. Mulia Agung Chemindo as a company leader who understands all business processes using a checklist form that combine the existing business process and future business process. Based on the evaluation, it can be seen that an increase of 19% from the existing business process by getting additional features in the future business process. By looking at the result of these evaluations can be conclude that the prototype has been designed in appropriate with user needs

Keyword: *Requirement Engineering, Requirement Analysis, Evolutionary Prototyping*