ABSTRACT

Zamperla Asia Pacific Inc. known as ZAP was incorporated as a manufacturing company in the Philippines. The company uses manual system for their inventory and for monitoring of their raw materials. Their system can be considered as time consuming since they have great number of raw materials that needs to be monitored. The main objective is to develop a system that will monitor their stocks of raw materials and update their inventory for decision making.

The proponents proposed a system that will automate their manual system operations but will be more accurate and convenient. It will also provide features that their current system do not have which will benefit the business such as a sign-in feature that will secure their files and only authorized user can access the system. The proposed system will help speed up their operation and provide consistency and completeness in monitoring and updating their inventory. This study will provide easy reports generation and it will also track the allocation of the raw materials; whether the acquired materials were allocated at the right section or department. The system will also be able to identify the fast and slow moving materials among others. The following features will be a big help to the company and permit them to maximize their resources. The proponents used V-Model Method in developing the system because it validates the system if the specified requirements are met.