



**De La Salle University – Dasmariñas**

**VJAM Dataventure Sales And Inventory System**

**An Undergraduate Research**

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**The Faculty of Computer Studies Department**

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**by**

**Dumanig, Paul Alfred L.**

**Enverga, Leonardo S.**

**Mojar, Jay-vee C.**

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**ABSTRACT**

The study aimed to provide VJAM Dataventure Enterprises with automated sales and inventory system. The enterprise encountered problems in the forms of inconsistencies of the inventory and of the tedious manual storing of sales invoice copies into the computer resulting into erroneous sales reports.

Utilizing the information gathered from the company, the researchers developed a system to monitor and maintain the inventory thereby preserving the inventory's consistency and discarding most of the manual jobs in it. Also, the developed system enforces data security to preserve its confidentiality and to avoid unwanted data modifications.

The developers used prototyping method to allow the user or customer to make the prototype evolve into its desired final form. The developers made two prototypes before they come up with the final one.

The researchers met all the necessary requirements and tested them. They, however, cited certain recommendations to make the system more usable and more dependable. The first of the two recommendations was the networking between computers to extend scope to compute the sales garnered in the company's electronic services. The second recommendation was the use of the bar code reader and thermal printer for faster processing.