AUTOPART INVENTORY SYSTEM USING CHARACTER RECOGNITION FOR ILOILO RADIANT AUTO SUPPLY

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ABSTRACT

The Iloilo Radiant Auto Supply will be the beneficiaries of the system that we have developed which aims the company to have ease in their stock management.

The system's features are the following; an Inventory Recording module that record details from incoming products this will be input as soon as the business receives the stocks. Sales and Reports module. It calculates weekly income. It includes a basic statistical analysis that predicts the auto parts that would be sellable in the next month.

Character Recognition System that scans the product's serial number so that it will show the product's availability. Virtual Private Network that connects the inventory between two branches of Iloilo Radiant Auto Supply online.

Experimental Prototyping was the methodology used for the development of the system. The methodology has this following stages; Initial Investigation, Requirements, System Design, Coding, Testing, Review, Implementation and then Maintenance.

Using this system will lessen the workers' workload and make things much faster as the OCR will help them know about the status of an auto part as well as make predictions on the next selling product in the next month or if a product is available in the other branch.