

**AUTOPART INVENTORY SYSTEM USING CHARACTER RECOGNITION FOR
ILOILO RADIANT AUTO SUPPLY**

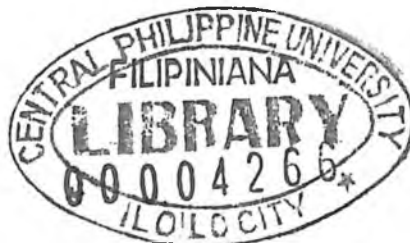
A Capstone Project
Presented to
The College of Computer Studies
Central Philippine University
Iloilo City

In Partial Fulfillment
of the Requirements for the Degree of
Bachelor of Science in Information Technology

By

Gen Ian Gabriel Saavedra
Al Renzo Alfonso
Princess Fritzy Mae Galvez
Norm Vincent Jalipa

January 2019



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Saavedra, G.I.G.T., Alfonso, A.R.C., Galvez, P.F.M.T., Jalipa, N.V.S.

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.