

A STUDY AND DEVELOPMENT OF POINT-OF-SALES (POS) PROTOTYPE FEATURING BAR CODE AUTOMATIC IDENTIFICATION AND DATA CAPTURE (AIDC) TECHNOLOGY

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ABSTRACT

This project is a point-of-sales prototype application which can be used to help people to process, control, and store business transactions. The proposed system will allow user to perform common functions and features like calculate the amount of many the customer has to pay and how much to return, check stock availability, check supplier information, check time and date, and others. Besides that, the system also provides some special features like message leaving function. To make the system more complete and powerful, the author included the bar code Automatic Identification and Data Capture (AIDC) technology into the system.

In order to complete the system, the author has to get a lot of information from researches. This information is mostly related to current Point-Of-Sales system and also bar code technology. Besides that, the author also has to learn a programming language after selecting which programming language to be used. During the progress of developing the system, there is also some information gained by the author. All those information will be put into this project document accordingly. There are totally nine chapters in this project document. And each chapter will discuss on different issues of the project.