MDC Canteen Customer Management System with Online Reservations and Inventory

A capstone project submitted in partial fulfillment of the requirements for the degree of

Bachelor of Science in **Information Technology**

by

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Executive Summary

The following is a proposal for a web-based system consisting of the adaptation of customer management system with online reservations and inventory for Mater Dei College Canteen. Our goal is to make the current Mater Dei College Canteen manual recording system into an automated one by using a Web Based System where the school must adapt to modern technologies by now. This will be a great thing for staff or cashiers because they will have no hard time anymore thinking about how many menus were sold, no more headaches and problems will be forgotten.

The current problem with Mater Dei College's canteen system is that it is manual. Manual systems are very tedious and very prone to human error. The Mater Dei College School Canteen is having a hard time using manual recording systems or listing sold-out menus.

This particular project involves software development only. It doesn't need hardware because it is used by every student or faculty member-smartphones/laptops etc. The hardware used is already owned, so we don't have to spend money. The software we will be using is free, so it will cut the cost. Also, the system is easy to use for everyone, even if you're a first-timer.

The main objective of this project is to manage all the details of canteen sales, items, and products. It will be very helpful, especially to School Canteen's staff and administrators, because School Canteen is a small business. Like any business, it requires good management practices to be efficient and successful. The system can help them stop worrying about whether or not they received benefits. The project is totally built at the administrative end, and thus only the administrator is guaranteed access.

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