

**IsDB-BISEW**

Islamic Development Bank

Bangladesh Islamic Solidarity Educational Wakf.

E/8-A, Rokeya Sharani, Sher-e-Bangla Nagar,

Dhaka, Bangladesh 1207

**4-Year Diploma Scholarship Programme**

Web Application Development using ASP.NET

**WADA/USSL-M/54/01**

SQL Server Project

**Project Case Study**

Canteen Management System (CMS)

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**Case Study**

Of

**Canteen Management System**

**Introduction:**

The main objective of the Project on Canteen Management System is to manage the details of Canteen, stock, Sells, Products, Meal. It manages all the information about Canteen, Meal Type, Meal and Canteen. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the canteen, company, Meal Type, sells. It tracks all the details about the Sells, Product, and Meal.

**FUNCTION:**

* MENU AND MEAL ITEMS
* DETAILS
* NEW CUSTOMER
* QUANTITY AVAILABLE
* EXIT
* ENTER YOUR CHOICE

**FUNCTIONALITIES:**

* Provides the searching facilities based on various factors. Food sales, products, canteen.
* It tracks the all the information’s of items, orders, Products etc.
* To increase the efficiency of managing the food items.
* It deals with monitoring the information and transactions of products.
* Manage the information of Canteen.
* Shows the rules and regulation of the Canteen.
* Shows the remaining stock in the Canteen pantry.
* Manage of the records of Products and Meals.
* You can export the report into excel or csv format.

**BENEFITS:**

* Helps in advance planning.
* Reduce administrative work.
* Track cafeteria usage reports.
* Saves time and improves employee.
* Reduces wastage of food items.
* Provides fast and efficient service.
* Increases customer’s satisfaction.

**LIST OF TABLES:**

1. Menu Items
2. Meal Items
3. Customer Info
4. Order Details
5. Payment Details
6. Employee Details
7. Monthly transaction

**MAIN FEATURES:**

This is a project that I have added queries of different types including

Joining with where clause

Joining with Group by & Having Clause

Subquery

CTE

Create a Merge Table

CASE Function (Simple Case & Search Case)

Using all operator

Cast, Convert

Roll Up

Update & Delete

Create Index

Create Views

Create Function

Create Trigger

**PROJECT GOALS:**

Scope of the project id to create a system that keeps records of all the purchase orders. It may help collecting perfect management in details. In a very short time, the collection will be obvious, simple and sensible. The employees to the organization canteen managing the software give orders. This software is used to manage the sales and record a customer's purchases in a canteen.

It also helps in current all works relative to Canteen management system. During implementation necessary support and training is provided to expertise the software. It simplifies the task and reduces the paper work. It will be also reduced the cost of collecting the management & collection procedure will go on smoothly.