

# Graphical User Interface Project Report

## Restaurant Management System

### 1. Rationale:-

- It is designed to avoid paper work.
- It is designed to increase operational efficiency, saving money and time, maximizing profit and provide more security.
- This software is developed to manage the restaurant more effectively and efficiently by computerizing Meal Ordering, Billing, and Stock Maintenance & Accounting.
- This application is also designed for inventory control, menu, recipe and liquor costing, sales management.

### 1. Aims of the Project:-

- To develop a program to demonstrate a Restaurant Management System using VB.NET.

### ● Benefits of the Project:-

- Better customer service.

### 1. Course Outcomes Addressed:-

- Use Visual Studio IDE to design application.
- Develop GUI application using Form Controls and its events.
- Apply Object Oriented concepts in GUI Application.
- Use data access controls to store data in Database and retrieve it.
- Use Data Binding in GUI Application.

### 1. Literature Review:-

- It increases operational efficiency. It is designed to help you cost your recipes and track inventory saving your Money and Time and maximizing profit.
- It helps the restaurant manager to manage the restaurant more effectively and efficiently by computerizing Meal Ordering, Billing, and Sales Management Accounting.
- It is also designed for inventory control, menu, recipe and liquor costing, nutrition and it increases the security.
- It avoids paper work and it is Simple to learn and easy to use and it is also portable.

### 1. Actual Methodology Followed:-

- Collecting Information.
- Developing Program logic.
- Creating MS Access for storing data in backend.

order_id	order_name	Quantity	Price	Amount	Bill_id	Bill_date	Click to Add
1	ZamZam Pulav	4	175	700	101	1/3/2019	
2	Biryani	3	150	450	102	2/3/2019	
3	Paneer Chilli	2	120	240	103	3/3/2019	
4	Veg. Crispy	3	100	300	104	4/3/2019	
(New)							

- Implementing the Program.

- Testing Program for desired output.

	order_id	order_name	Quantity	Price	Amount	Bill_id	Bill_date
*							

- Preparing Micro-Project report.

### 1. Actual Resources Used:-

Sr. N0.	Name of Resource/material	Specifications	Qty
1.	MS Word.	OS: Windows XP, Version 8	1
2.	VB.NET.	Visual Studio 2008	1
3.	SQL/MS Access.	For storing data in backend	1

### 1. Outputs of the Micro-Projects:-

	order_id	order_name	Quantity	Price	Amount	Bill_id	Bill_date
▶	1	ZamZam Pulav	4	175	700	101	1/3/2019
	2	Biryani	3	150	450	102	2/3/2019
	3	Paneer Chilli	2	120	240	103	3/3/2019
	4	Veg. Crispy	3	100	300	104	4/3/2019
*							

### 1. Skill Developed / Learning outcome of this Project:-

- We have learned to create an Application form using VB.Net.
- We have learned to use data access controls to store data in Database and retrieve it.
- We have learned to use Data Binding in GUI Application.

1. *Applications of this Project:-*

- Similar type of mechanism can be use by many different organizations.

\*\*\*\*\*