ONLINE FOOD ORDERING SYSTEM

A PROJECT REPORT

Submitted by

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BONAFIDE CERTIFICATE

This project report titled "**ONLINE FOOD ORDERING SYSTEM**" is the bonafide work of "TANMAY PURWAR [RA1911033010072]", who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported herein does not form any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate

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DEPARTMENT

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ACKNOWLEDGEMENTS

CHAPTER 1

INTRODUCTION ABOUT THE PLATFORMS WORKED

1.1 MySQL

MySQL is a fast, easy-to-use RDBMS being used for many small and big businesses. MySQL is developed, marketed and supported by MySQL AB, which is a Swedish company. MySQL is becoming so popular because of many good reasons:

- MySQL is released under an open-source license. So you have nothing to pay to use it.

- MySQL is a very powerful program in its own right. It handles a large subset of the functionality of the most expensive and powerful database packages.

- MySQL uses a standard form of the well-known SQL data language.

- MySQL works on many operating systems and with many languages including PHP, PERL, C, C++, JAVA, etc.

- MySQL works very quickly and works well even with large data sets.

- MySQL supports large databases, up to 50 million rows or more in a table. The default file size limit for a table is 4GB, but you can increase this (if your operating system can handle it) to a theoretical limit of 8 million terabytes (TB).

- MySQL is very friendly to PHP, the most appreciated language for web development.

- MySQL is customizable. The open-source GPL license allows programmers to modify the MySQL software to fit their own specific

environments.

1.2 PHP

PHP started out as a small open source project that evolved as more and more people found out how useful it was. Rasmus Lerdorf unleashed the first version of PHP way back in 1994.

- PHP is a recursive acronym for "PHP: Hypertext Preprocessor".
- PHP is a server side scripting language that is embedded in HTML. It is used to manage dynamic content, databases, session tracking, even build entire e-commerce sites.

- It is integrated with a number of popular databases, including MySQL, PostgreSQL, Oracle, Sybase, Informix, and Microsoft SQL Server.

- PHP is pleasingly zippy in its execution, especially when compiled as an Apache module on the Unix side. The MySQL server, once started, executes even very complex queries with huge result sets in record-setting time.

- PHP supports a large number of major protocols such as POP3, IMAP, and LDAP. PHP4 added support for Java and distributed object architectures (COM and CORBA), making n-tier development a possibility for the first time.

- PHP is forgiving: PHP language tries to be as forgiving as possible.
  PHP Syntax is C-Like.

1.3 HTML

- HTML = HyperText Markup Language.

- HTML's primary function is to define the structure of a document using a tagging system; allows web browsers to present web pages using a standardized language.

- Originally used to create content and apply style information to web pages: defines which parts of a document are headings, paragraphs, tables etc; and can be used to define how each section is presented.

- Latest iteration is HTML5, which introduced tags for multimedia content to be displayed natively in HTML.

1.4 CSS

- Cascading Style Sheets – define the look and formatting of web documents.

- Designed to separate document content from presentation. of the web, helps to create visually engaging web pages, improves accessibility and allows for adaptive webpages for mobile platforms.

- HTML is for defining structural elements of a webpage – CSS is for defining the style – good practice to separate the two.

CHAPTER 2

TOOLS USED

2.1 XAMPP

- Apache : (Application Server) The Apache Software Foundation developed Apache, also known as Server, which is an open source Java Servlet Container.

- MySQL Server : It is significantly quicker than previous methods of handling big databases. It comprises a multi-threaded SQL server that supports a variety of back ends, as well as a variety of client applications and libraries, administrative tools, and application programming interfaces (APIs). MySQL Server is well-suited for accessing databases via the Internet due to its connection, speed, and security.

2.2 Visual Studio Code

Visual Studio Code is a code editor in layman's terms. Visual Studio Code is "a free-editor that helps the programmer write code, helps in debugging and corrects the code using the intelli sense method ". In normal terms, it facilitates users to write the code in an easy manner.

2.3 Web Browsers

Any web browser will suffice.

2.4 GitHub

GitHub Inc. is a Git-based version control web hosting service. It's primarily utilised in computer programming. It has all of Git's distributed version control and source code management features, as well as those of its own.

CHAPTER 3

ABSTRACT

The purpose of Online Food Ordering System is to automate the existing manual system by the help of computerized equipment's and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.

Online Food Ordering System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information.

The aim is to automate its existing manual system by the help of computerized equipment's and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. Basically the project describes how to manage performance and better services for the clients.

<u>INTRODUCTION</u>

The "Online Food Ordering System" has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and, in some cases, reduce the hardships faced by this existing system. Moreover, this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.

The application is reduced as much as possible to avoid errors while entering the data.It also provides error messages while entering invalid data. No formal knowledge is needed for the user to use this system. Thus, by this all it proves it is user-friendly.Online Food Ordering System, as described above, can lead to error free, secure,reliable and fast management system. It can assist the user to concentrate on their other activities rather than concentrating on the record keeping. Thus, it will help organizations in better utilization of resources.

Every organization, whether big or small, has challenges to overcome and manage the information of Category, Food Item, Order, Payment, Confirm Order. Every Online Food Ordering System has different Food Item needs; therefore, we design exclusive employee management systems that are adapted to your managerial requirements.This is designed to assist in strategic planning and will help you ensure that your organization is equipped with the right level of information and details for your future goals. Also, for those busy executives who are always on the go, our systems come with remote access features, which will allow you to manage your workforce anytime, at all times. These systems will ultimately allow you to better manage resources.

OBJECTIVE

The main objective of the Project on Online Food Ordering System is to manage the details of Food Item, Category, Customer, Order, Confirm Order. It manages all the information about Food Items, Payment, Confirm Order, Food Item. The project is totally built at the 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 Food Item, Category, Payment, Customer. It tracks all the details about the Customer, Order, Confirm Order.

Functionalities provided by Online Food Ordering System are as follows:

- Provides the searching facilities based on various factors. Such as Food Item,
- Customer, Order, Confirm Order
- Online Food Ordering System also manage the Payment details online for Order
- details, Confirm Order details, Food Item.
- It tracks all the information of Category, Payment, Order etc
- Manage the information of Category
- Shows the information and description of the Food Item, Customer
- To increase efficiency of managing the Food Item, Category
- It deals with monitoring the information and transactions of Order.
- Manage the information of Food Item
- Editing, adding and updating of Records is improved which results in proper
- resource management of Food Item data.
- Manage the information of Order
- Integration of all records of Confirm Order.

SCOPE OF THE PROJECT

It may help collect perfect management in detail. In a very short time, the collection will be obvious, simple and sensible. It will help a person to know the management of the past year perfectly and vividly. It also helps in current all works relative to Online Food Ordering System. It will be also reduced the cost of collecting The management & collection procedure will go on smoothly.

Our project aims at Business process automation, i.e. we have tried to computerize various processes of Online Food Ordering System.

In computer system the person has to fill the various forms & number of copies of the forms can be easily generated at a time.

- In computer system, it is not necessary to create the manifest but we can directly
- print it, which saves our time.
- To assist the staff in capturing the effort spent on their respective working areas.
- To utilize resources in an efficient manner by increasing their productivity through
- automation.
- The system generates types of information that can be used for various
- purposes.
- It satisfy the user requirement
- Be easy to understand by the user and operator
- Be easy to operate
- Have a good user interface
- Be expandable
- Delivered on schedule within the budget.
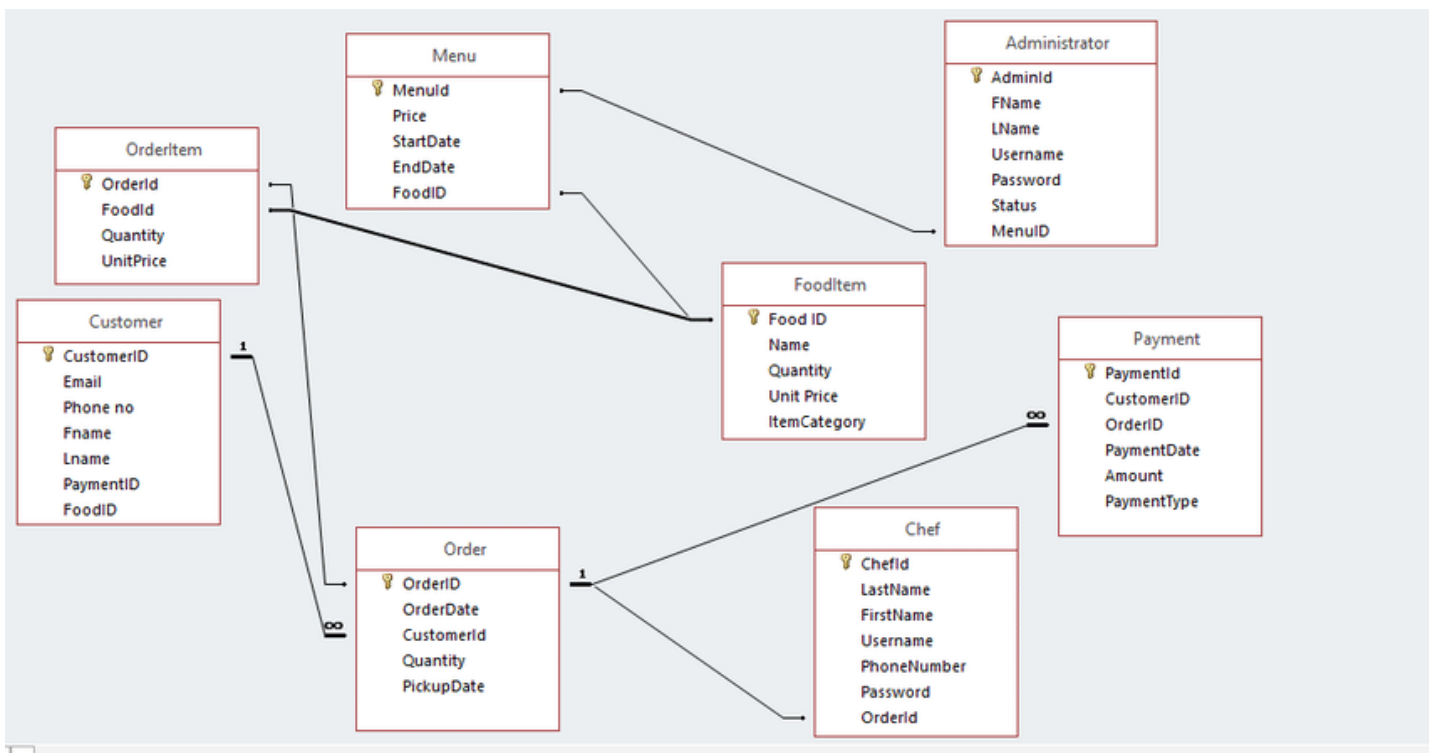
DIAGRAMS

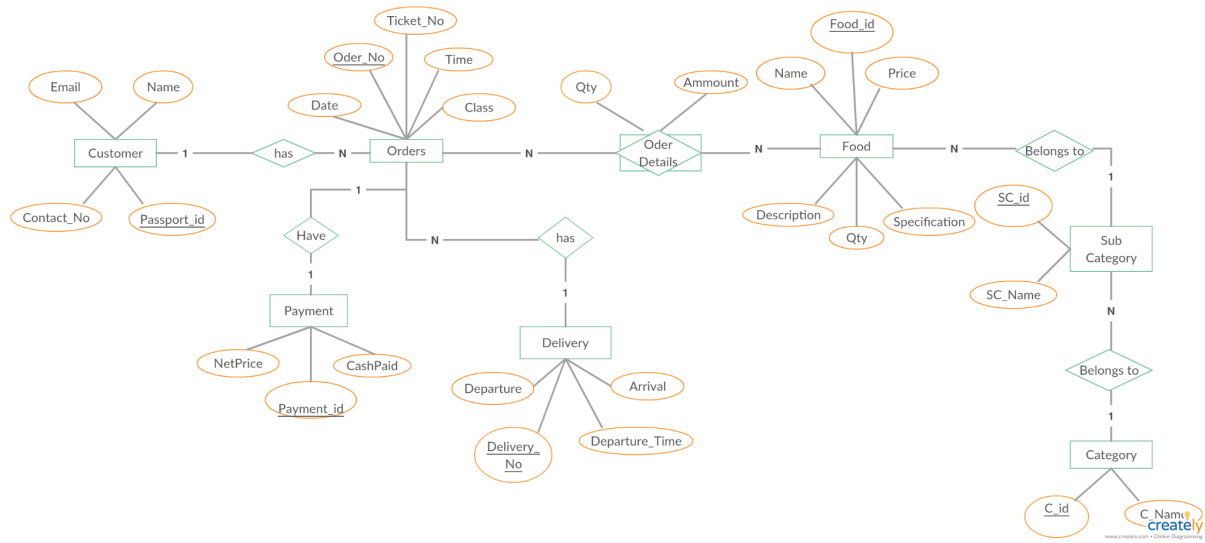## 4.1 SCHEMA DIAGRAM
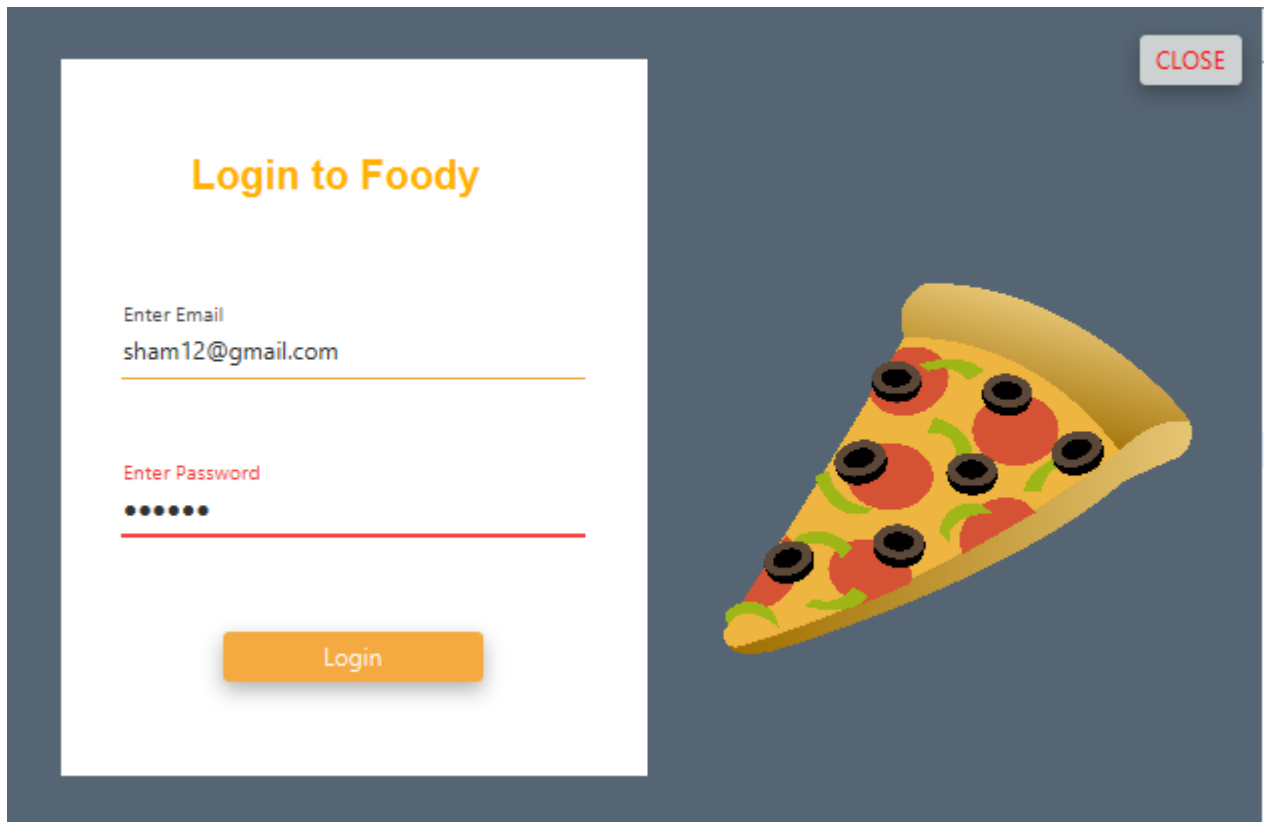

Figure 4.1

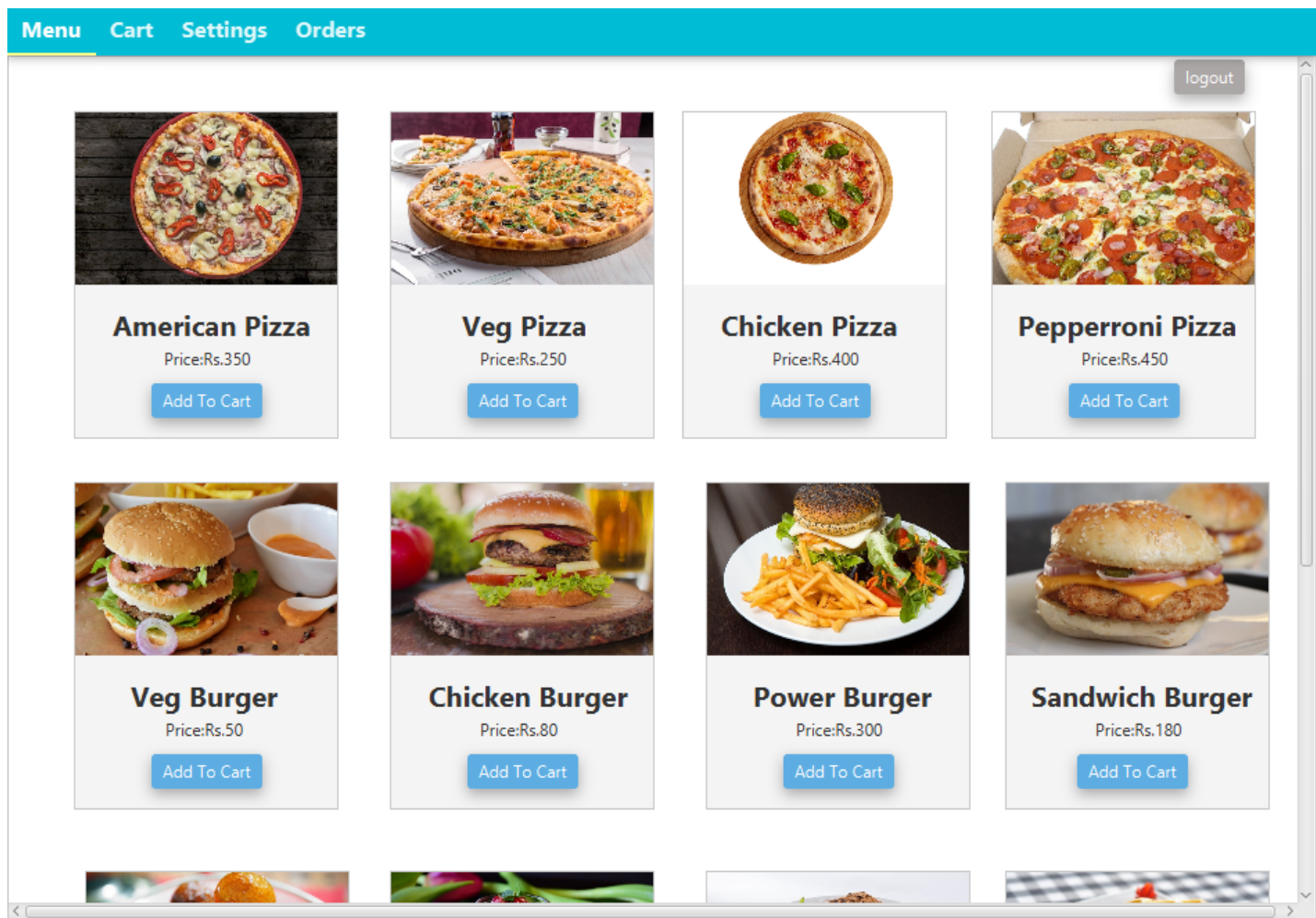# 4.2 ENTITY RELATIONSHIP DIAGRAM

Figure 4.2

CHAPTER 5

IMPLEMENTATION

5.1 LOGIN PAGE :

This is the login page of our web application for an online food ordering system. The Login Module is a portal module that allows users to type a username and password to log in. You can add this module on any module tab to allow users to log in to the system. If you allow users to create accounts and turn on Portal Direct Entry, a Create Account link appears in the Login Module.

5.2 Main page

logout

American Pizza
Price:Rs.350
Add To Cart

Veg Pizza
Price:Rs.250
Add To Cart

Chicken Pizza
Price:Rs.400
Add To Cart

Pepperroni Pizza
Price:Rs.450
Add To Cart

Veg Burger
Price:Rs.50
Add To Cart

Chicken Burger
Price:Rs.80
Add To Cart

Power Burger
Price:Rs.300
Add To Cart

Sandwich Burger
Price:Rs.180
Add To Cart

CHAPTER 6

CONCLUSION

Our project is only a humble venture to satisfy the needs to manage their project work. Several user-friendly coding have also been adopted. This package shall prove to be a powerful package in satisfying all the requirements of the school. The objective of software planning is to provide a framework that enables the manger to make reasonable estimates made within a limited time frame at the beginning of the software
project and should be updated regularly as the project progresses.

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