

Project Report On "Food Order Website"

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March, 2022

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Introduction:

The aim of developing Online Food Ordering system project is to replace the traditional ways of taking orders with computerized system. Another important reason for developing this project is to prepare order summary reports quickly and in correct format at any point of time when required. Online Food Ordering System has a very lot of scope. This PHP project can be used by any restaurants or fast foods for customers for keeping their order records. This project is easy, fast and accurate. It requires less disk space. Online Food Ordering System uses MYSQL Server as backend so there is not any chance of data loss or data security.

Need of the project:

WORKING OF PRESENT SYSTEM

In the present system all work is done on paper. The order report, food category and food are stored in register and at the end of the session the reports are generated. We are not interested in generating report in the middle of the session or as per the requirement because it takes more time in calculation.

DISADVANTAGES OF PRESENT WORKING SYSTEM

- Not User Friendly: The existing system is not user friendly because the retrieval of data is very slow and data is not maintained efficiently.
- Difficulty in report generating: We require more calculations to generate the report so it is generated at the end of the session.
- Manual control: All calculations to generate report is done manually so there is greater chance of errors.
- Lots of paperwork: Existing system requires lot of paper work.
- Loss of even a single register/record led to difficult situation because all the papers are needed to generate the reports.
- Time consuming: Every work is done manually so we cannot generate report in the middle of the session or as per the requirement because it is very time consuming.

TECHNOLOGY USED

Server

: Apache 2.4.4

Front-end

: PHP 5.4.19 (Framework : Codeigniter 2.1.2)

Back-end

: MySQL 5.5.32(using phpmyadmin 4.0.6)

Platform

:Windows 10

We have used **WAMPP 1.8.2** which is a free and Open Source Cross-Platform WebServer Solution Stack. It comes with Apache Web Server, MySQL Database, PHP and Perl Programming Languages.

A couple of advantages of using **WAMPP** or development are:

- 1.You can start and stop the whole web server + database stack with one command.
- 2.XAMPP is portable so you can carry it around on a thumb drive.
- 3.The security settings are strict by default, nobody but you will be able to access the web server.
- 4.PHP error reporting is enabled by default, which helps when debugging scripts.
- 5.Easy to install.

Apache Server

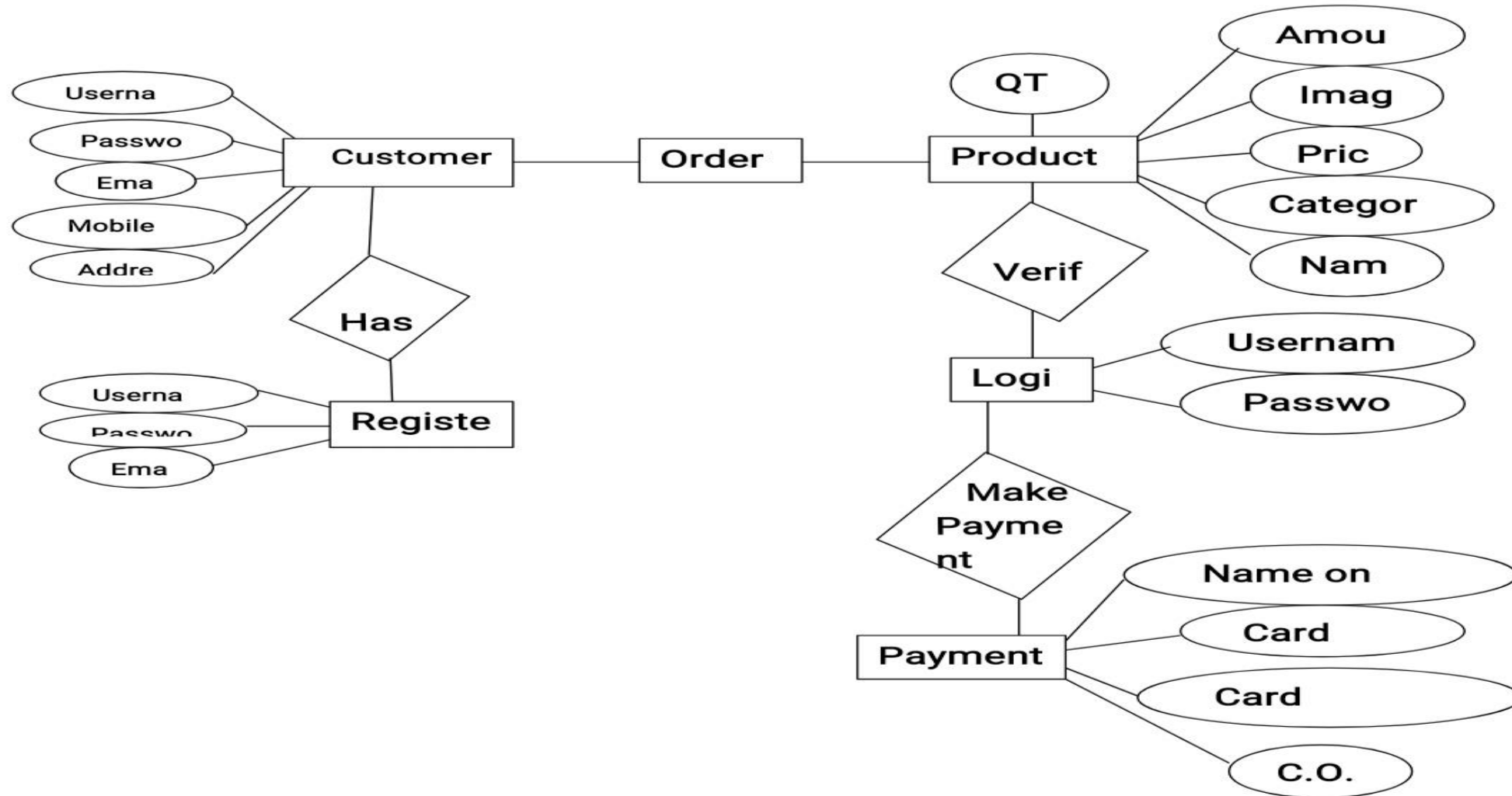
Web server apache is an open source server application. There are a lot of benefits and advantages that are provided from the server. Numerous features like the openness, extensibility, portability and flexibility of apache server provide advantages to administrator leading to higher efficiency and utility.

MySQL

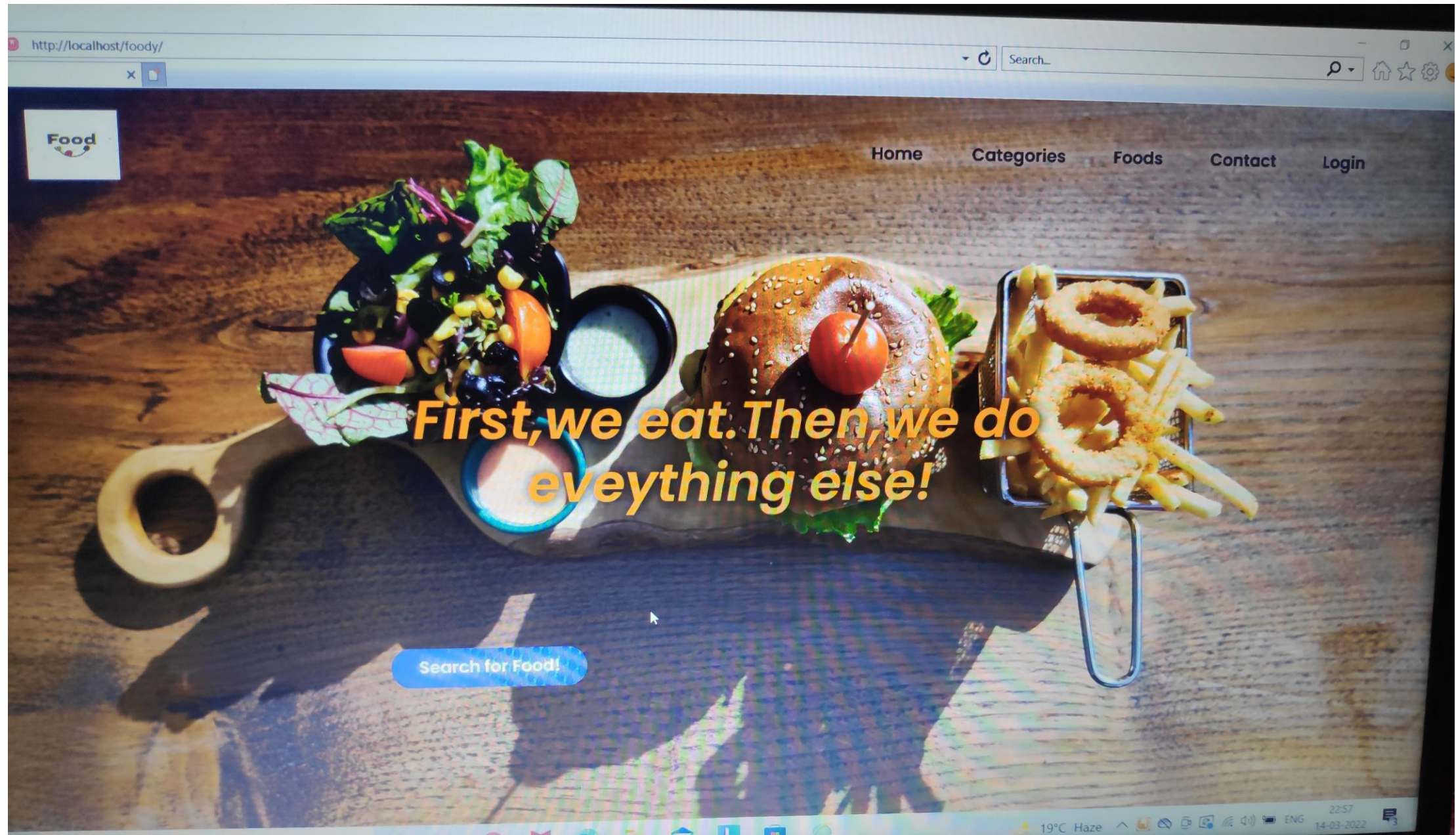
MySQL is easy to use, yet extremely powerful, secure, and scalable. And because of its small size and speed, it is the ideal database solution for Web sites. Some of its advantages include the following:

- **It's easy to use:** While a basic knowledge of SQL is required and most relational databases require the same knowledge MySQL is very easy to use. With only a few simple SQL statements, you can build and interact with MySQL.
- **It's secure:** MySQL includes solid data security layers that protect sensitive data from intruders. Rights can be set to allow some or all privileges to individuals. Passwords are encrypted.
- **It's inexpensive:** MySQL is available by free download from MySQL Web site.
- **It's fast:** In the interest of speed, MySQL designers made the decision to offer fewer features than other major database competitors, such as Sybase* and Oracle*. However, despite having fewer features than the other commercial database products, MySQL still offers all of the features required by most database developers.⁵
- **It's scalable:** MySQL can handle almost any amount of data, up to as much as 50 million rows or more. The default file size limit is about 4 GB. However, you can increase this number to a theoretical limit of 8 TB of data.
- **It manages memory very well:** MySQL server has been thoroughly tested to prevent memory leaks.⁷
- **It runs on many operating systems:** MySQL runs on many operating systems, including Novell NetWare, Windows* Linux.
- **It supports several development interfaces:** Development interfaces include JDBC, ODBC, and scripting (PHP and Perl), letting you create database solutions that run not only in your NetWare 6.5 environment, but across all major platforms, including Linux, UNIX, and Windows.

Project Design Diagram:-



HOME PAGE



Conclusion:

The online food ordering system will be helpful for the hotels and restaurants to increase the scope of business by helping the users to give order through online.