

A PRELIMINARY REPORT ON

**“Restaurant Management
System”**

**SUBMITTED TO THE SAVITRIBAI PHULE PUNE
UNIVERSITY, PUNE
IN THE PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE ACADEMIC
OF
THIRD YEAR OF COMPUTER ENGINEERING**

SUBMITTED BY

**Madhuri Sahebrao Bangar
Srushti Kiran Bhadane
Manish Ravindra Bhamare
Omkar Navnath Jore**

**Roll No: 06
Roll No: 07
Roll No: 08
Roll No: 28**



DEPARTMENT OF COMPUTER ENGINEERING

**MATOSHRI COLLEGE OF ENGINEERING AND RESEARCH CENTRE,
EKLAHARE NASHIK 422105**

**SAVITRIBAI PHULE PUNE UNIVERSITY
2021 -2022**

**Project -(Guidelines and
Report)
Third Year Engineering
Year 2022-2023**

Group No: ...

Team Members:

- 1. Bhangar Madhuri Sahebrao**
- 2. Bhadane Srushti Kiran**
- 3. Bhamare Manish Ravindra**
- 4. Jore Omkar Navnath**

Project Title: RESTAURANT MANAGEMENT SYSTEM

Name of Guide: Ms. P. R. Dholi Mam



CERTIFICATE

This is to certify that the project report titles

“RESTAURANT MANAGEMENT SYSTEM”

Submitted by

Bangar Madhuri

Roll No: 06

Bhadane Srushti

Roll No: 07

Bhamare Manish

Roll No: 08

Jore Omkar

Roll No: 28

has successfully completed the work associated with **Project** titled as **“RESTAURANT MANAGEMENT SYSTEM”** and has submitted the Report associated under my supervision, in the partial fulfillment of Third Year degree of Computer Engineering

Ms. P. R. Dholi

Guide of Project

Department of Computer Engineering

Dr. V. H. Patil

Head of Department

Department of Computer Engineering

Dr. G. K. Kharate

Principal

Matoshri College of Engineering and Research Centre, Eklahre, Nashik-422105

Place: Nashik

Date: / / 2022

Introduction:

Restaurant management system is basic desktop application that reduce paper work and it help to manage think like addition and deletion of items in menu to gather feedback from customer to keep track on payment and customer. The restaurant management system has become important factors .Every organization whether big or small has challenges to overcome and managing the information category food item, Order Payment, Confirm order. Every Restaurant management system has different food items need therefore we design there are two model Admin and Cashier .Restaurant Management System rapid growth in the use of ordering and the technologies associated with it, the several opportunities are coming up on the desktop application . This is made possible through the use of payment system.

The system will become an important tools use for restaurant to improve the management aspect by use of computer system to connected each and every food ordering transaction instead of data record on it. In addition, it can also provide efficiency for the restaurant by reducing time consuming, minimize human errors or delivery and providing good quality and service to customers. In terms of the integrity and availability of the system provided,it can be concluded that this system is a suitable solution.

Problem Statement

Restaurant Management System is a desktop application it is one of the unique idea .A restaurant management system is proposed to which will keep track on uses orders smartly Basically they implemented a good food system for different type of hotel or restaurant in which manager track on the orders and the items present in the menu and payments

The restaurant management system sets up a food menu and customers can easily place the order as per they like. Also, the food ordering customers can easily track their orders. The management maintains customer's database, and improve food ordering service. This system also provides a feedback system in which user can rate the food items. Also, the proposed system can recommend hotels, food, based on the ratings given by the user, the hotel staff will be informed for the improvements along with the quality. The payment can be made online or cash or pay-on-delivery system. For more secured ordering separate accounts are maintained for each user by providing them an ID and a password.

LITERATURE REVIEW

Restaurant management system for customer managing food items generate bill of customer food and saved the bill data by using SQL database .Admin can handling the managing the adding and delete the food items and they gives the payment receipt or total price of food for customer admin can check the montly summary or one day summary.We are using database for bill generation admin login,food items.

In an automated restaurant management system is proposed which will keep track of user orders smartly.Basically, they implemented a restaurant management system for diff event type of restaurants in which user will make order or make custom food by one click only. By means of desktop application for this system was implemented. The front end was developed using JAVA, and at the backendMySQL database was used.

PROPOSED SYSTEM

To overcome the limitations of above system, an Restaurant Management System based . It is a desktop application restaurant management system using food item. To develop a reliable, convenient and accurate restaurant management System is considered as a general Objective of the study. To develop

a system that will surely satisfied the customer service will be considered as an objective. One of the Objective is to design a system that is able to accommodate huge amount of orders at a time and automatically compute the bill. To evaluate its performance and acceptability in terms of security, user-friendliness, accuracy and reliability is an important objective. To improve the communication between the client and customers is one of the objective.

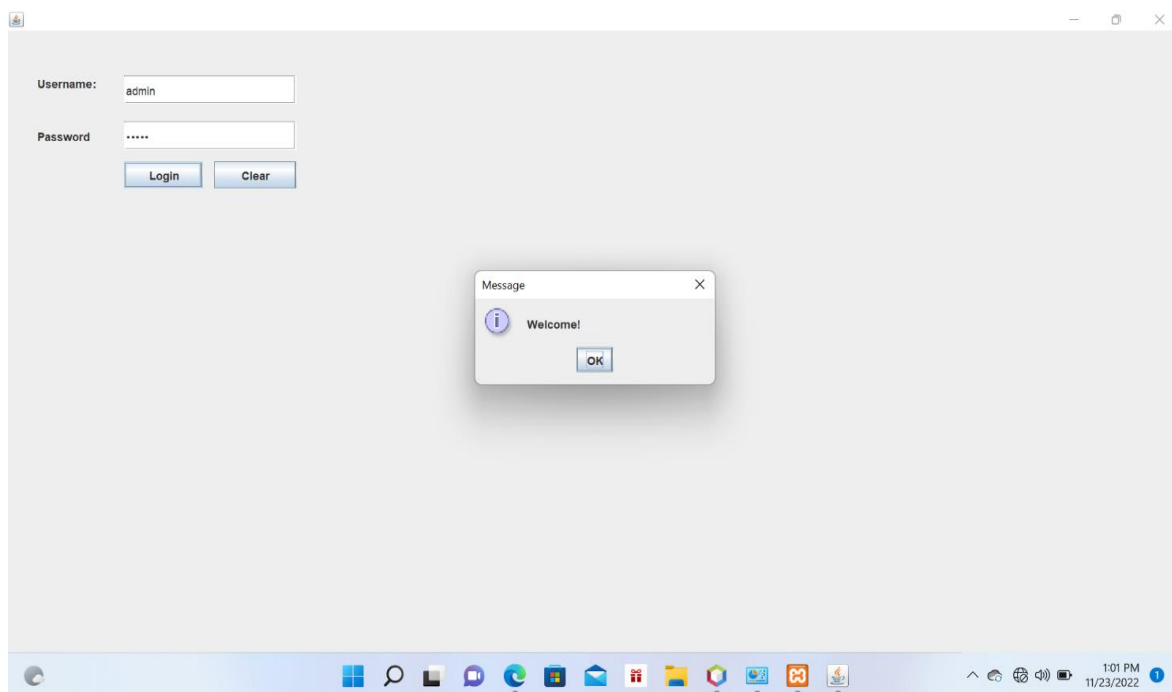
Hardware Requirement

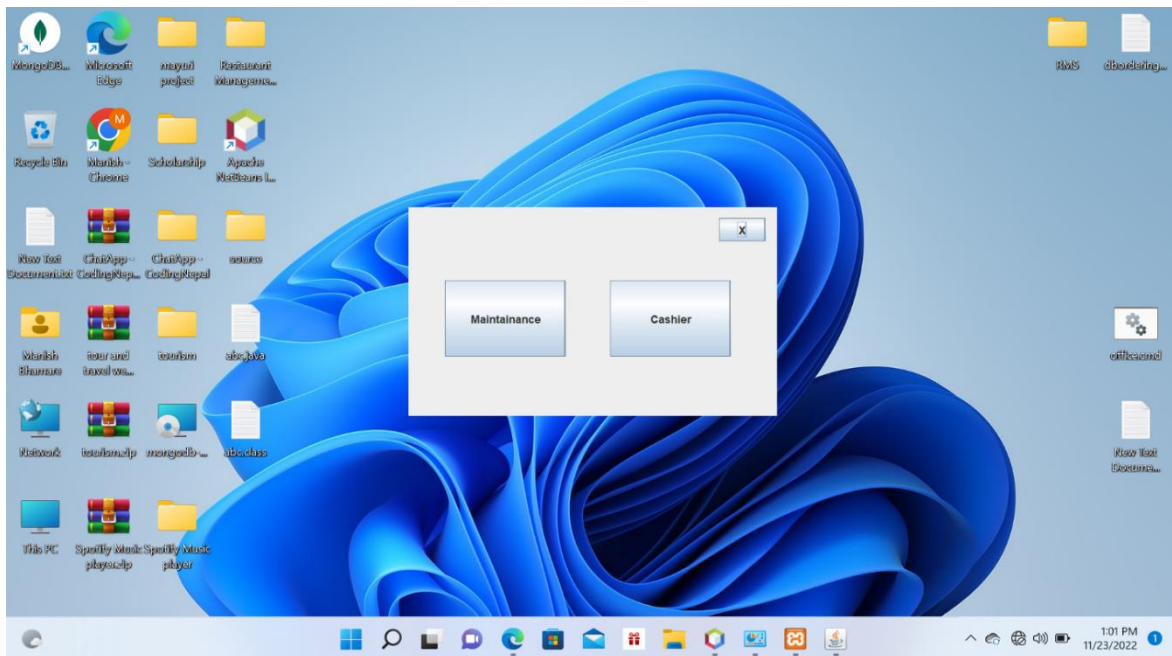
- Intel Core i3 processor,
- 8 GB RAM
- 100 GB HDD

Software Requirement.

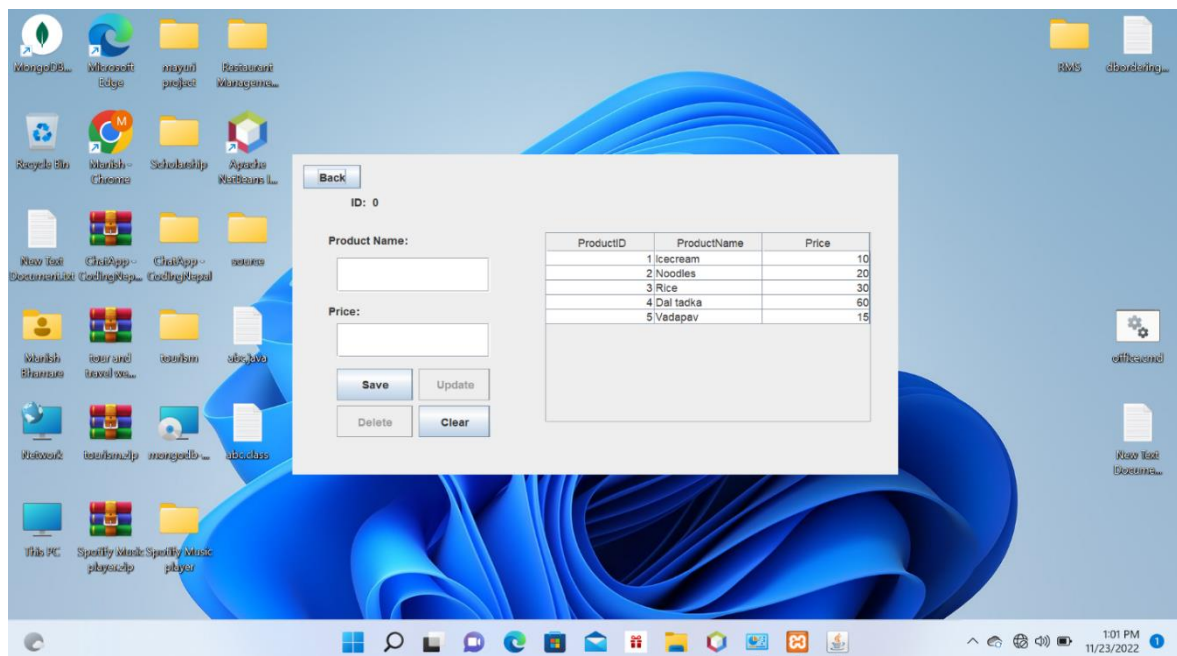
- Java
- Apache Netbeans
- Xampp
- MySQL server
- MySQL to JAVA connector

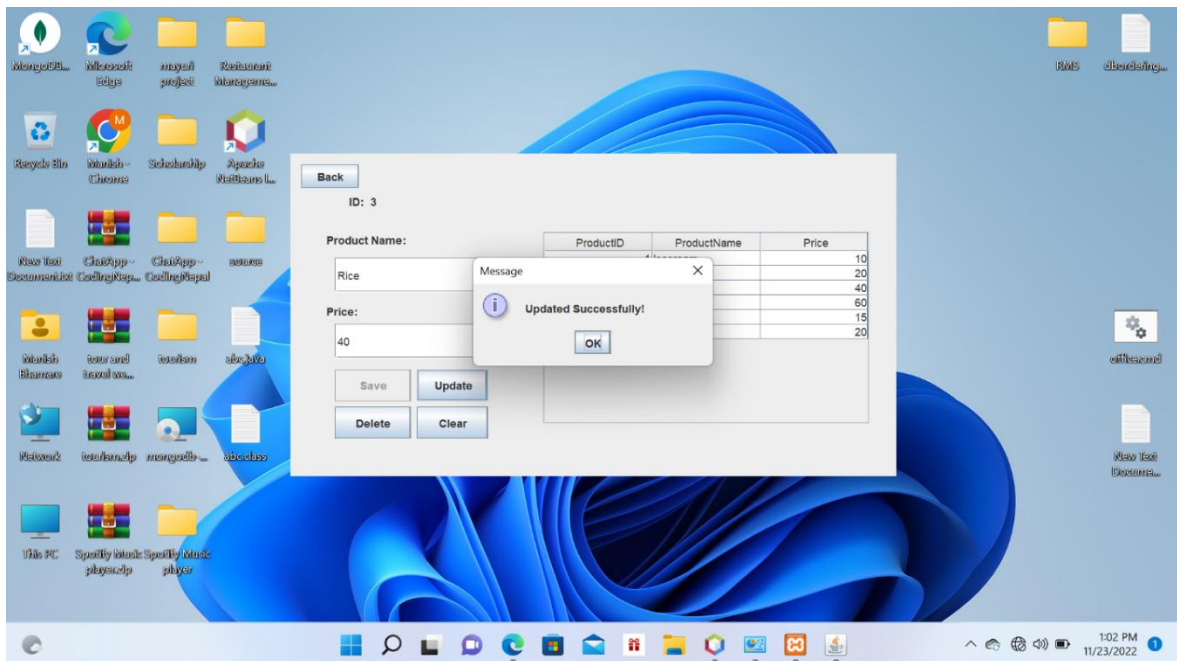
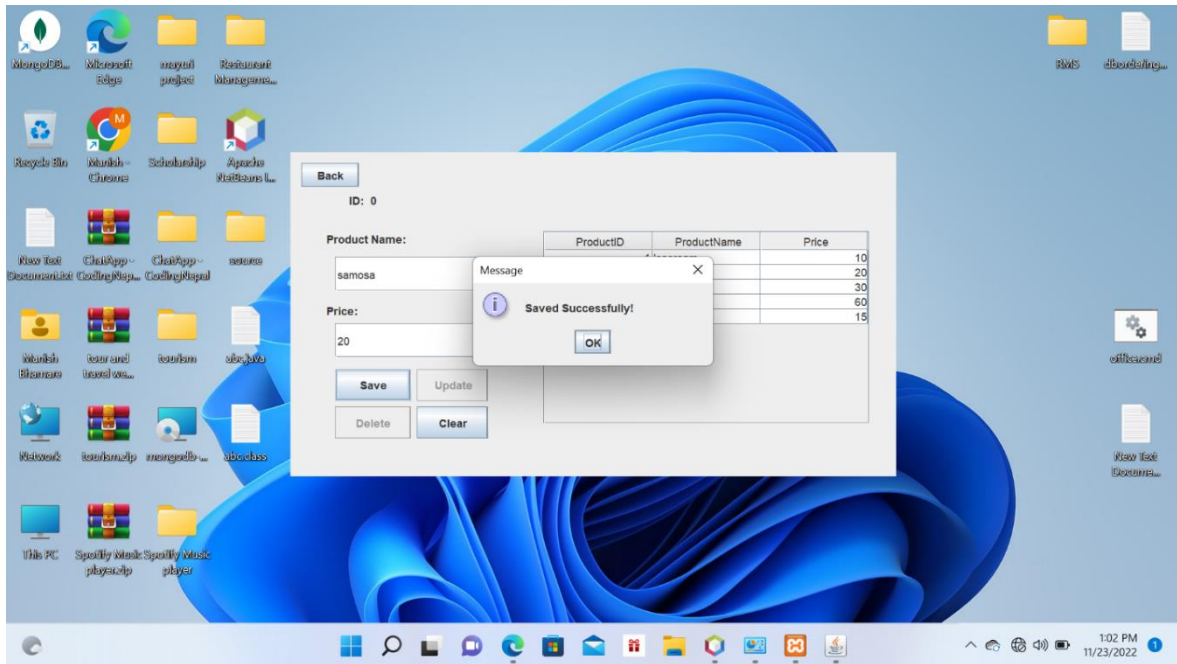
Project Output:

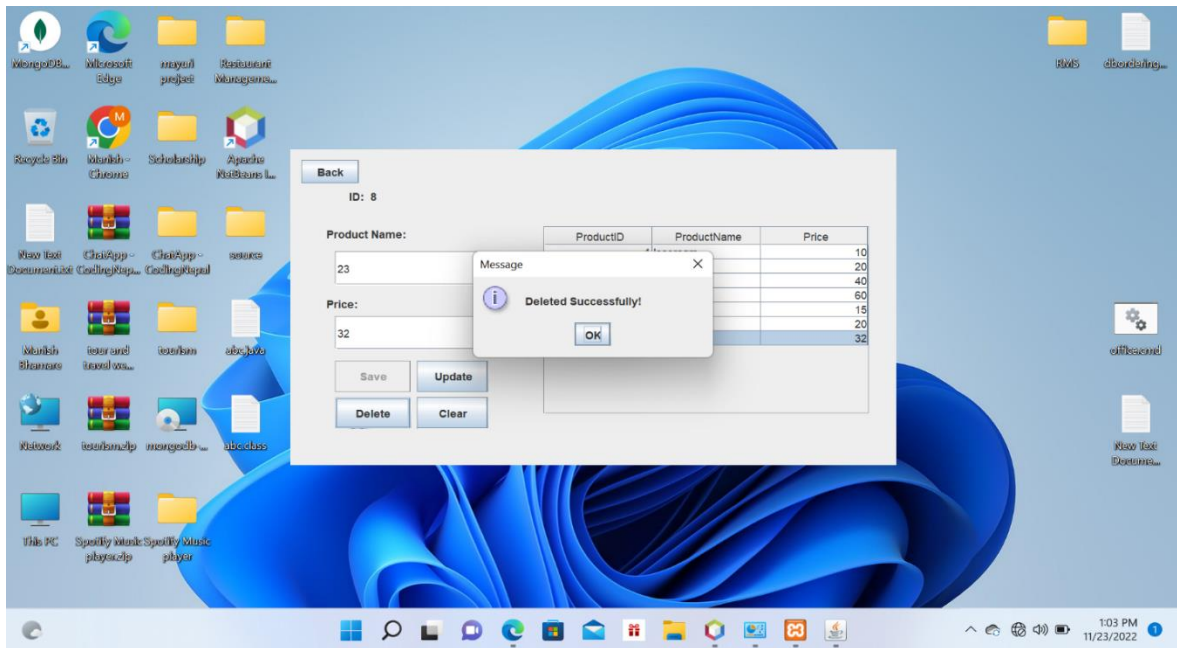




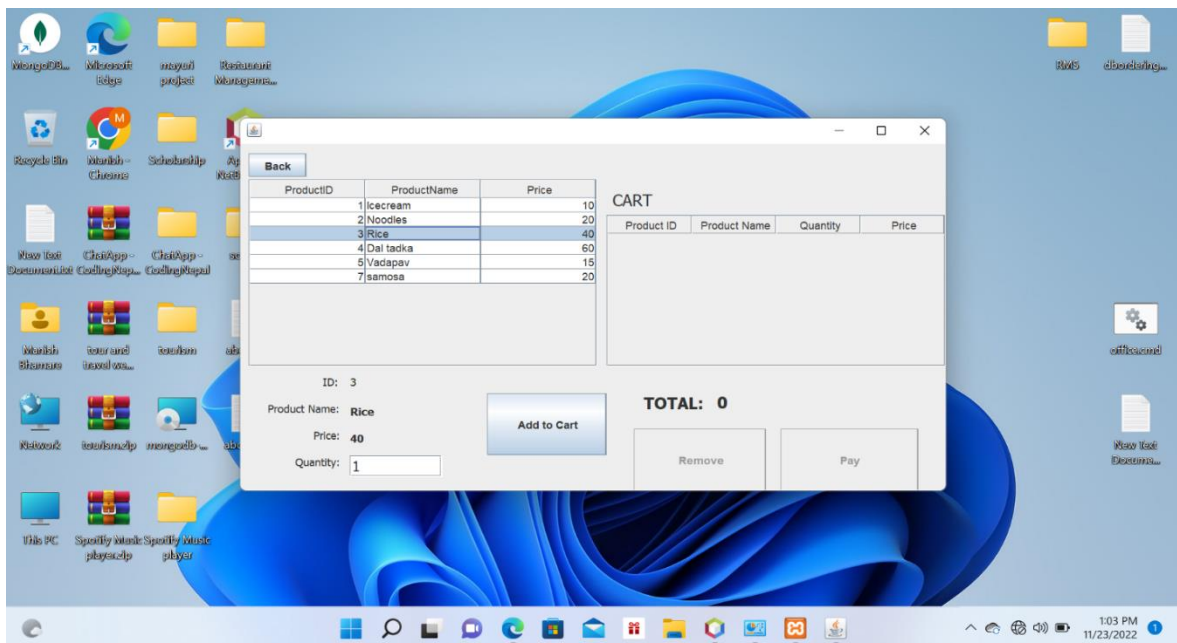
Maintenance Module:







Cashier Module:



Back

ProductID	ProductName	Price
1	Icecream	10
2	Noodles	20
3	Rice	40
4	Dal tadka	60
5	Vadapav	15
7	samosa	20

CART

Product ID	Product Name	Quantity	Price
3	Rice	1	40
4	Dal tadka	1	60
5	Vadapav	4	60

ID: 0

Product Name:

Price:

Quantity: 4

Add to Cart

TOTAL: 160

Remove

Pay

Back

ProductID	ProductName	Price
1	Icecream	10
2	Noodles	20
3	Rice	40
4	Dal tadka	60
5	Vadapav	15
7	samosa	20

CART

Product ID	Product Name	Quantity	Price
3	Rice	1	40

ID: 0

Product Name:

Price:

Quantity: 4

Add to Cart

TOTAL: 160

CASH: 160

CHANGE: 0

OK

localhost / 127.0.0.1 / dbborderin: x +

localhost/phpmyadmin/index.php?route=/sql&server=1&db=dbborderingsystem&table=tblsecurity&pos=0

phpMyAdmin

Recent Favorites

- New
- chat
- chatapp
- dbborderingsystem
 - New
 - tblcart
 - tblproducts
 - tblsecurity
- information_schema
- mysql
- performance_schema
- phpmyadmin
- test

Server: 127.0.0.1 » Database: dbborderingsystem » Table: tblsecurity

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Showing rows 0 - 0 (1 total, Query took 0.0004 seconds.)

```
SELECT * FROM `tblsecurity`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

	id	username	password
<input type="checkbox"/>	1	admin	admin

Check all | With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Console

89°F Smoke 2:00 PM 11/23/2022

localhost / 127.0.0.1 | phpMyAdmin: x localhost / 127.0.0.1 / dbborderin: x +

localhost/phpmyadmin/index.php?route=/sql&server=1&db=dbborderingsystem&table=tblproducts&pos=0

phpMyAdmin

Recent Favorites

- New
- chat
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 - tblcart
 - tblproducts
 - tblsecurity
- information_schema
- mysql
- performance_schema
- phpmyadmin
- test

Server: 127.0.0.1 » Database: dbborderingsystem » Table: tblproducts

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

1 row affected.

```
UPDATE `tblproducts` SET `ID` = '6' WHERE `tblproducts`.`ID` = 7;
```

[Edit inline] [Edit] [Create PHP code]

Showing rows 0 - 5 (6 total, Query took 0.0005 seconds.)

```
SELECT * FROM `tblproducts`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	ID	Products	Price
<input type="checkbox"/>	1	Icecream	10
<input type="checkbox"/>	2	Noodles	20
<input type="checkbox"/>	3	Rice	40
<input type="checkbox"/>	4	Dal tadka	60
<input type="checkbox"/>	5	Vadapav	15
<input type="checkbox"/>	6	samosa	20

Console

1:19 PM 11/23/2022

Advantages:

- It manages data
- Time Consuming
- Help to reduce paper work
- Help to reduce consumption of time.

Disadvantages:

- Staff have to do manual work like telling receptionist about the menu.

Reference:

<https://www.google.com/search?q=food+ordering+system+problem+statement&oq=restaurant+management+system+proble&aqs=chrome.0i512j69i57j0i22i30l4j0i390l3.25994j0j7&sourceid=chrome&ie=UTF-8>

https://www.academia.edu/4935972/RESTAURANT_MANAGEMENT_SYSTEM_PROJECT_PROPOSAL

