

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
JNAMA SANGAMA,
BELGAVI – 590018



A MINI PROJECT
REPORT

On

“E-Commerce Database Management System”

Submitted in the partial fulfilment of Fifth Semester DBMS LABORATORY

Mini Project Work

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
By

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
M S ENGINEERING COLLEGE

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



CERTIFICATE

This is to certify that the mini project work entitled “**E-Commerce Database Management System**” carried out by **Ashish Kumar D (1ME20CS008)** and **Proddatur Naga Venkata Shravan (1ME20CS031)**, is a bonafide student of **M S ENGINEERING COLLEGE** submitted in partial fulfillment for the award of **Bachelor of Engineering** in **Computer Science and Engineering** of **Visvesvaraya Technological University, Belagavi**, during the year **2022-2023**. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report, deposited in the department library. This mini project work report has been approved as it satisfies the academic requirements in respect of mini project work prescribed for **Bachelor of Engineering Degree**.

Signature of Guide

Signature of HOD

**Internal Examiner
Signature**

**External Examiner
Signature**

Exam Date:

ABSTRACT

Ecommerce Database Management System is a technological opportunity for the seller, manufacturers and customers in providing a secure, simple and alternative solution to the conventional offline shopping. Like any other software, the system comes with certain advantage and disadvantage. Admin can store all customer and supplier record.

The software application unbelievably unravels and quickens the product management system with unique templates by providing the administration a secure database system for storing, adding and editing the product details and customer credentials. This application keeps tracks of all the products being sold in the organization and provides facility of making sales and purchase order.

The software exhibits some effortlessness in solving, adjusting and eradicating the problems in traditional commerce with automation system.

The main objective of the project is to that all products, customer and supplier record is maintained as master data.

Users can select these data from display list while making sales order and purchase order.

This project is a database connected project, so it is able to store and modify data within the database through a variety of queries and their interpretations in the front-end.

ACKNOWLEDGEMENT

A mini project work of immense sheer size and it cannot be proficient by an individual all by them, ultimately I am gratifying to a number of individuals whose qualified guidance, and assistance and encouragement have made it a pleasant venture to undertake this mini project work.

I am grateful to my institution, **M. S Engineering College** with its ideals and inspiration for having provided us with the facilities, which has made this mini project work a success.

I would like to express my gratitude to **Dr. K. S. Badarinarayan, Principal MSEC**, who is the source of inspiration as well providing an amiable atmosphere to work in.

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It's my duty to thank one and all faculties of CS&E Department, who have directly or indirectly supported to accomplish the mini project work successfully.

I would also like to thank my friends, who really helped us to complete this mini project work successfully.

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CHAPTER-1

INTRODUCTION

1.1 PROJECT DESCRIPTION

The E-commerce Management is developed for sale/purchase organization. This system manages customer, product, sales order, and supplier and purchase order. It provides a platform to the trader to automate their record keeping.

The purpose of this project is to develop an application program to reduce the manual work for managing inventory, product, customer, supplier and orders. This project is built to help admin in managing his organization.

Admin can store customer details in the database. Next time when customer comes in then there is no need to enter his details again. It can be selected from the list displaying all customers.

CHAPTER-2

SOFTWARE SPECIFICATION

2.1 SYSTEM REQUIREMENTS

2.1.1 Hardware Specifications:

- PROCESSOR: 32-Bit/64-Bit Processor
- RAM: 4GB RAM
- HARD DISK: 10 GB (Minimum)
- MONITOR: 1024x768(Resolutions)

2.1.2 Software Specifications:

- OPERATING SYSTEM: Windows 8/10/11
- FRONT END TOOL: HTML, CSS, BOOTSTRAP
- BACK END TOOL: MySQL, PHP
- SERVER: Apache Web Server
- DEVELOPMENT TOOL: MYSQL, XAMPP

2.2 TOOLS AND TECHNOLOGIES USED

Mention all the tools and technologies used in the project with a brief description.

2.2.1 XAMPP

This software is used to run the MySQL and apache server.

2.2.2 phpMyAdmin

This is a subpart of the XAMPP application which is used to easy the process of database creation as it is a GUI interface it helps out a lot.

2.2.3 MySQL

This is the database that supports the project and is responsible for handling of all of the SQL queries.

DATABASE DESIGN

```

    erDiagram
        TYPE ||--o{ USERS : "has"
        TYPE ||--o{ EMPLOYEE : "has"
        TYPE ||--o{ CUSTOMER : "has"
        TYPE ||--o{ SUPPLIER : "has"
        TYPE ||--o{ CATEGORY : "has"
        TYPE ||--o{ PRODUCT : "has"
        TYPE ||--o{ TRANSACTION : "has"
        TYPE ||--o{ TRANSACTION_DETAILS : "has"
        TYPE ||--o{ EMPLOYEE : "has"
        TYPE ||--o{ CUSTOMER : "has"
        TYPE ||--o{ SUPPLIER : "has"
        TYPE ||--o{ CATEGORY : "has"
        TYPE ||--o{ PRODUCT : "has"
        TYPE ||--o{ TRANSACTION : "has"
        TYPE ||--o{ TRANSACTION_DETAILS : "has"
        TYPE ||--o{ EMPLOYEE : "has"
        TYPE ||--o{ CUSTOMER : "has"
        TYPE ||--o{ SUPPLIER : "has"
        TYPE ||--o{ CATEGORY : "has"
        TYPE ||--o{ PRODUCT : "has"
        TYPE ||--o{ TRANSACTION : "has"
        TYPE ||--o{ TRANSACTION_DETAILS : "has"

```

TYPE

<u>TYPE_ID</u>	TYPE
----------------	------

USERS

<u>ID</u>	EMPLOYEE_ID	USERNAME	PASSWORD	TYPE_ID
-----------	-------------	----------	----------	---------

EMPLOYEE

<u>EMPLOYEE_ID</u>	FIRST_NAME	LAST_NAME	GENDER	EMAIL	PHONE_NUMBER
--------------------	------------	-----------	--------	-------	--------------

CUSTOMER

<u>CUST_ID</u>	FIRST_NAME	LAST_NAME	PHONE_NUMBER
----------------	------------	-----------	--------------

SUPPLIER

<u>SUPPLIER_ID</u>	COMPANY_NAME	PHONE_NUMBER
--------------------	--------------	--------------

CATEGORY

<u>CATEGORY_ID</u>	CNAME
--------------------	-------

PRODUCT

<u>PRODUCT_ID</u>	PRODUCT_CODE	NAME	DESCRIPTION	PRICE	CATEGORY_ID	SUPPLIER_ID
-------------------	--------------	------	-------------	-------	-------------	-------------

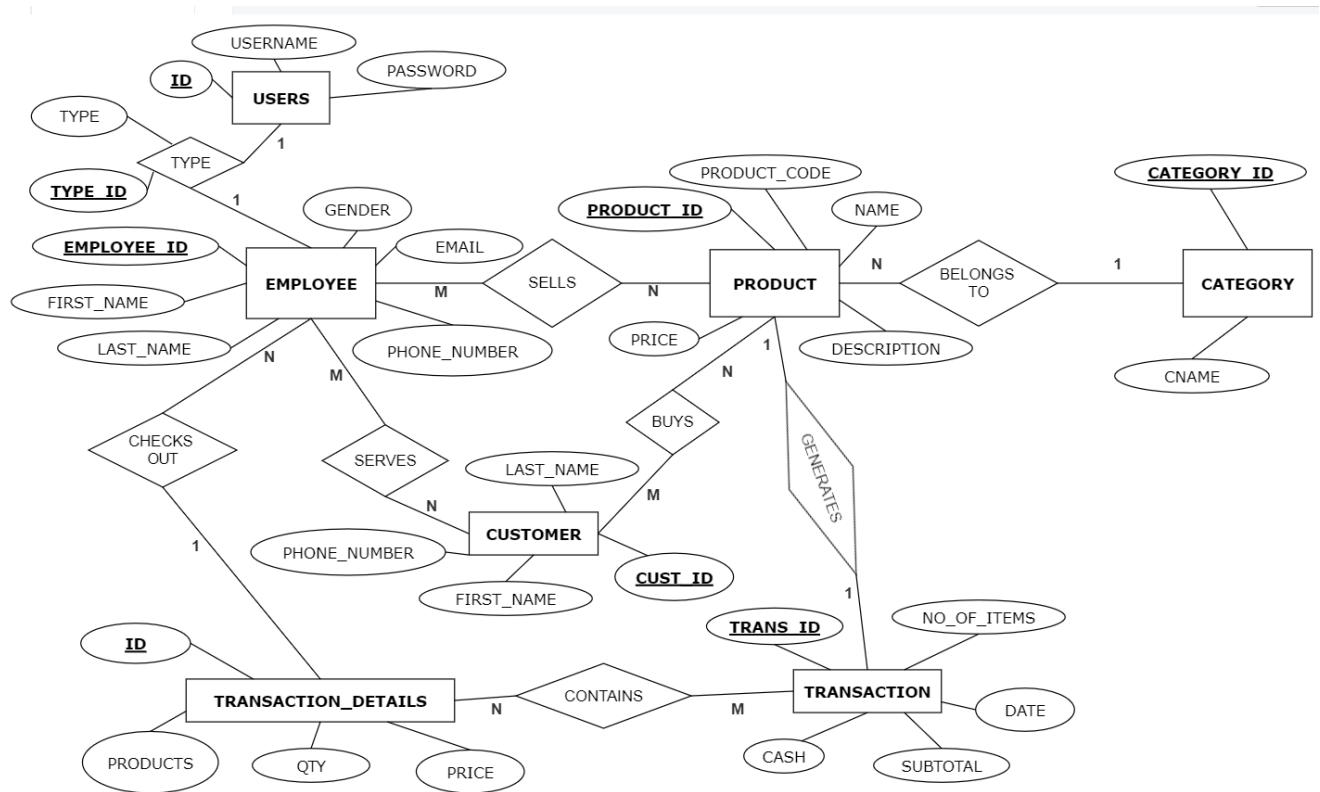
TRANSACTION

<u>TRANS_ID</u>	CUST_ID	NO_OF_ITEMS	SUBTOTAL	CASH	DATE
-----------------	---------	-------------	----------	------	------

TRANSACTION_DETAILS

<u>ID</u>	DATE	PRODUCTS	QTY	PRICE	EMPLOYEE
-----------	------	----------	-----	-------	----------

3.2 E-R DIAGRAM



CHAPTER-4

SOURCE CODE

4.1 DDL/DML

```
-- MySQL dump 10.13 Distrib 8.0.31, for Win64 (x86_64)

--

-- Host: localhost Database: ecommerce

-----

-- Server version 8.0.31

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT
*/;

/*!40101 SET
@OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;

/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION
*/;

/*!50503 SET NAMES utf8 */;

/*!40103 SET @OLD_TIME_ZONE=@@TIME_ZONE */;

/*!40103 SET TIME_ZONE='+00:00' */;

/*!40014 SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS,
UNIQUE_CHECKS=0 */;

/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS,
FOREIGN_KEY_CHECKS=0 */;

/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE,
SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;

/*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;

--

-- Table structure for table `category`
```

```
--  
  
DROP TABLE IF EXISTS `category`;  
  
/*!40101 SET @  
  
    = @@character_set_client */;  
  
/*!50503 SET character_set_client = utf8mb4 */;  
  
CREATE TABLE `category` (  
  
    `CATEGORY_ID` int NOT NULL AUTO_INCREMENT,  
  
    `CNAME` varchar(50) DEFAULT NULL,  
  
    PRIMARY KEY (`CATEGORY_ID`)  
  
) ENGINE=InnoDB AUTO_INCREMENT=106 DEFAULT CHARSET=utf8mb4  
COLLATE=utf8mb4_0900_ai_ci;  
  
/*!40101 SET character_set_client = @saved_cs_client */;  
  
--  
  
-- Dumping data for table `category`  
  
--  
  
LOCK TABLES `category` WRITE;  
  
/*!40000 ALTER TABLE `category` DISABLE KEYS */;  
  
INSERT INTO `category` VALUES  
(101,'Books'),(102,'Appliances'),(103,'Mobiles'),(104,'Fashion'),(105,'Healthcare');  
  
/*!40000 ALTER TABLE `category` ENABLE KEYS */;  
  
UNLOCK TABLES;  
  
--  
  
-- Table structure for table `customer`  
  
--  
  
DROP TABLE IF EXISTS `customer`;
```

```
/*!40101 SET @saved_cs_client = @@character_set_client */;

/*!50503 SET character_set_client = utf8mb4 */;

CREATE TABLE `customer` (

  `CUST_ID` int NOT NULL AUTO_INCREMENT,

  `FIRST_NAME` varchar(50) DEFAULT NULL,

  `LAST_NAME` varchar(50) DEFAULT NULL,

  `PHONE_NUMBER` varchar(11) DEFAULT NULL,

  PRIMARY KEY (`CUST_ID`)

) ENGINE=InnoDB AUTO_INCREMENT=2 DEFAULT CHARSET=utf8mb4

COLLATE=utf8mb4_0900_ai_ci;

/*!40101 SET character_set_client = @saved_cs_client */;

--

-- Dumping data for table `customer`

--

LOCK TABLES `customer` WRITE;

/*!40000 ALTER TABLE `customer` DISABLE KEYS */;

INSERT INTO `customer` VALUES (1,'John','F','1111111111');

/*!40000 ALTER TABLE `customer` ENABLE KEYS */;

UNLOCK TABLES;

--

-- Table structure for table `employee`

--

DROP TABLE IF EXISTS `employee`;

/*!40101 SET @saved_cs_client = @@character_set_client */;

/*!50503 SET character_set_client = utf8mb4 */;
```

```
CREATE TABLE `employee` (  
  `EMPLOYEE_ID` int NOT NULL AUTO_INCREMENT,  
  `FIRST_NAME` varchar(50) DEFAULT NULL,  
  `LAST_NAME` varchar(50) DEFAULT NULL,  
  `GENDER` varchar(50) DEFAULT NULL,  
  `EMAIL` varchar(100) DEFAULT NULL,  
  `PHONE_NUMBER` varchar(11) DEFAULT NULL,  
  PRIMARY KEY (`EMPLOYEE_ID`)  
) ENGINE=InnoDB AUTO_INCREMENT=4 DEFAULT CHARSET=utf8mb4  
COLLATE=utf8mb4_0900_ai_ci;  
  
/*!40101 SET character_set_client = @saved_cs_client */;  
  
--  
  
-- Dumping data for table `employee`  
  
--  
  
LOCK TABLES `employee` WRITE;  
  
/*!40000 ALTER TABLE `employee` DISABLE KEYS */;  
  
INSERT INTO `employee` VALUES  
(1,'Ashish','Kumar','Male','ashish@gmail.com','1010101010'),(2,'PNV','Shravan','Male','pnvs  
@gmail.com','1234567890'),(3,'Arcana','Jane','Female','arcana20@gmail.com','9495347812');  
  
/*!40000 ALTER TABLE `employee` ENABLE KEYS */;  
  
UNLOCK TABLES;  
  
--  
  
-- Table structure for table `product`  
  
--  
  
DROP TABLE IF EXISTS `product`;
```

```
/*!40101 SET @saved_cs_client = @@character_set_client */;

/*!50503 SET character_set_client = utf8mb4 */;

CREATE TABLE `product` (

  `PRODUCT_ID` int NOT NULL AUTO_INCREMENT,

  `PRODUCT_CODE` varchar(20) DEFAULT NULL,

  `NAME` varchar(50) DEFAULT NULL,

  `DESCRIPTION` varchar(250) DEFAULT NULL,

  `PRICE` int DEFAULT NULL,

  `CATEGORY_ID` int DEFAULT NULL,

  `SUPPLIER_ID` int DEFAULT NULL,

  PRIMARY KEY (`PRODUCT_ID`),

  KEY `product_fk_1` (`CATEGORY_ID`),

  KEY `product_fk_2` (`SUPPLIER_ID`),

  CONSTRAINT `product_fk_1` FOREIGN KEY (`CATEGORY_ID`) REFERENCES

`category` (`CATEGORY_ID`),

  CONSTRAINT `product_fk_2` FOREIGN KEY (`SUPPLIER_ID`) REFERENCES

`supplier` (`SUPPLIER_ID`)

) ENGINE=InnoDB AUTO_INCREMENT=148 DEFAULT CHARSET=utf8mb4

COLLATE=utf8mb4_0900_ai_ci;

/*!40101 SET character_set_client = @saved_cs_client */;

--

-- Dumping data for table `product`

--

LOCK TABLES `product` WRITE;

/*!40000 ALTER TABLE `product` DISABLE KEYS */;
```

```
INSERT INTO `product` VALUES (121,'BOOK121','The Subtle Art of Not Giving a
F**k',"243,101,11),(122,'BOOK122','The Pyschology of Money','Self-
help',225,101,11),(124,'APPLIA124','Bajaj ATX 4 750-
watt','Toaster',1595,102,12),(125,'SPHONE125','Redmi Note 7 Pro','Smart
Phone',13999,103,13),(126,'SPHONE126','Oneplus Nord','Smart
Phone',20999,103,13),(127,'CLOTH127','Van Heusen Men\'s Polo Shirt','Polo
Shirt',499,104,14),(128,'CLOTH128','U.S POLO ASSN. Men Casual Pants','Casual
Shirt',599,104,14),(129,'MEDI129','Volini Gel 75g','Relief
Gel',209,105,15),(130,'MEDI130','Dolo 650','Tablets',29,105,15);
```

```
/*!40000 ALTER TABLE `product` ENABLE KEYS */;
```

```
UNLOCK TABLES;
```

```
--
```

```
-- Table structure for table `supplier`
```

```
--
```

```
DROP TABLE IF EXISTS `supplier`;
```

```
/*!40101 SET @saved_cs_client = @@character_set_client */;
```

```
/*!50503 SET character_set_client = utf8mb4 */;
```

```
CREATE TABLE `supplier` (
```

```
  `SUPPLIER_ID` int NOT NULL AUTO_INCREMENT,
```

```
  `COMPANY_NAME` varchar(50) DEFAULT NULL,
```

```
  `PHONE_NUMBER` varchar(11) DEFAULT NULL,
```

```
  PRIMARY KEY (`SUPPLIER_ID`)
```

```
) ENGINE=InnoDB AUTO_INCREMENT=18 DEFAULT CHARSET=utf8mb4
```

```
COLLATE=utf8mb4_0900_ai_ci;
```

```
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
--
```

```
-- Dumping data for table `supplier`
```


--

LOCK TABLES `supplier` WRITE;

/*!40000 ALTER TABLE `supplier` DISABLE KEYS */;

INSERT INTO `supplier` VALUES (11,'Maharaja Enterprises','7123456789'),(12,'Rajesh Electronics','7234567891'),(13,'Bajaj Electronics','7345678910'),(14,'Vamsi Clothing','7456789123'),(15,'Supriya Medicals','7567890123');

/*!40000 ALTER TABLE `supplier` ENABLE KEYS */;

UNLOCK TABLES;

--

-- Table structure for table `transaction`

--

DROP TABLE IF EXISTS `transaction`;

/*!40101 SET @saved_cs_client = @@character_set_client */;

/*!50503 SET character_set_client = utf8mb4 */;

CREATE TABLE `transaction` (

 `TRANS_ID` int NOT NULL AUTO_INCREMENT,

 `CUST_ID` int DEFAULT NULL,

 `NUMOFITEMS` varchar(250) DEFAULT NULL,

 `SUBTOTAL` varchar(50) DEFAULT NULL,

 `CASH` varchar(250) DEFAULT NULL,

 `DATE` varchar(50) DEFAULT NULL,

 PRIMARY KEY (`TRANS_ID`),

 KEY `transaction_fk_3` (`CUST_ID`),

 CONSTRAINT `transaction_fk_3` FOREIGN KEY (`CUST_ID`) REFERENCES
 `customer` (`CUST_ID`)

```
) ENGINE=InnoDB AUTO_INCREMENT=3 DEFAULT CHARSET=utf8mb4
COLLATE=utf8mb4_0900_ai_ci;

/*!40101 SET character_set_client = @saved_cs_client */;

--

-- Dumping data for table `transaction`

--

LOCK TABLES `transaction` WRITE;

/*!40000 ALTER TABLE `transaction` DISABLE KEYS */;

INSERT INTO `transaction` VALUES (2,1,'2','14242.00','011563911');

/*!40000 ALTER TABLE `transaction` ENABLE KEYS */;

UNLOCK TABLES;

--

-- Table structure for table `transaction_details`

--

DROP TABLE IF EXISTS `transaction_details`;

/*!40101 SET @saved_cs_client = @@character_set_client */;

/*!50503 SET character_set_client = utf8mb4 */;

CREATE TABLE `transaction_details` (

  `ID` int NOT NULL AUTO_INCREMENT,

  `DATE` varchar(250) DEFAULT NULL,

  `PRODUCTS` varchar(250) DEFAULT NULL,

  `QTY` varchar(250) DEFAULT NULL,

  `PRICE` varchar(250) DEFAULT NULL,

  `EMPLOYEE` varchar(250) DEFAULT NULL,

  PRIMARY KEY (`ID`)
```

```
) ENGINE=InnoDB AUTO_INCREMENT=3 DEFAULT CHARSET=utf8mb4
COLLATE=utf8mb4_0900_ai_ci;

/*!40101 SET character_set_client = @saved_cs_client */;

--

-- Dumping data for table `transaction_details`

--

LOCK TABLES `transaction_details` WRITE;

/*!40000 ALTER TABLE `transaction_details` DISABLE KEYS */;

INSERT INTO `transaction_details` VALUES (1,'011563911','The Subtle Art of Not Giving
a F**k','1','243','Ashish'),(2,'011563911','Redmi Note 7 Pro','1','13999','Ashish');

/*!40000 ALTER TABLE `transaction_details` ENABLE KEYS */;

UNLOCK TABLES;

--

-- Table structure for table `type`

--

DROP TABLE IF EXISTS `type`;

/*!40101 SET @saved_cs_client = @@character_set_client */;

/*!50503 SET character_set_client = utf8mb4 */;

CREATE TABLE `type` (
  `TYPE_ID` int NOT NULL,
  `TYPE` varchar(50) DEFAULT NULL,
  PRIMARY KEY (`TYPE_ID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;

/*!40101 SET character_set_client = @saved_cs_client */;

--
```

```
-- Dumping data for table `type`

--

LOCK TABLES `type` WRITE;

/*!40000 ALTER TABLE `type` DISABLE KEYS */;

INSERT INTO `type` VALUES (1,'Admin'),(2,'User');

/*!40000 ALTER TABLE `type` ENABLE KEYS */;

UNLOCK TABLES;

--

-- Table structure for table `users`

--

DROP TABLE IF EXISTS `users`;

/*!40101 SET @saved_cs_client = @@character_set_client */;

/*!50503 SET character_set_client = utf8mb4 */;

CREATE TABLE `users` (

  `ID` int NOT NULL AUTO_INCREMENT,

  `EMPLOYEE_ID` int DEFAULT NULL,

  `USERNAME` varchar(50) DEFAULT NULL,

  `PASSWORD` varchar(50) DEFAULT NULL,

  `TYPE_ID` int DEFAULT NULL,

  PRIMARY KEY (`ID`),

  KEY `users_fk_3` (`TYPE_ID`),

  KEY `users_fk_4` (`EMPLOYEE_ID`),

  CONSTRAINT `users_fk_3` FOREIGN KEY (`TYPE_ID`) REFERENCES `type`

(`TYPE_ID`),
```

```
CONSTRAINT `users_fk_4` FOREIGN KEY (`EMPLOYEE_ID`) REFERENCES
`employee` (`EMPLOYEE_ID`)

) ENGINE=InnoDB AUTO_INCREMENT=4 DEFAULT CHARSET=utf8mb4
COLLATE=utf8mb4_0900_ai_ci;

/*!40101 SET character_set_client = @saved_cs_client */;

--

-- Dumping data for table `users`

--

LOCK TABLES `users` WRITE;

/*!40000 ALTER TABLE `users` DISABLE KEYS */;

INSERT INTO `users` VALUES
(1,1,'Ashish','ashish123',1),(2,2,'pvn','123456',1),(3,3,'arcana20','arcana20',2);

/*!40000 ALTER TABLE `users` ENABLE KEYS */;

UNLOCK TABLES;

/*!40103 SET TIME_ZONE=@OLD_TIME_ZONE */;

/*!40101 SET SQL_MODE=@OLD_SQL_MODE */;

/*!40014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */;

/*!40014 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS */;

/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;

/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;

/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;

/*!40111 SET SQL_NOTES=@OLD_SQL_NOTES */;

-- Dump completed on 2023-01-15 11:33:12
```

4.2 DATABASE CONNECTION

```
<?php

$db = mysqli_connect('localhost', 'root', '') or

    die ('Unable to connect. Check connection. ');

    mysqli_select_db($db, 'ecommerce' ) or die(mysqli_error($db));

?>
```

4.3 LOGIN PAGE

```
<?php require('session.php');?>

<?php if(logged_in()){ ?>

    <script type="text/javascript">

        window.location = "index.php";

    </script>

<?php

    } ?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="utf-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <meta name="description" content="">

    <meta name="author" content="">

    <title>Ecommerce Management System</title>

    <!-- Custom fonts for this template-->
```

```
<link href="../../vendor/fontawesome-free/css/all.min.css" rel="stylesheet" type="text/css">

<link
href="https://fonts.googleapis.com/css?family=Nunito:200,200i,300,300i,400,400i,600,600i,
700,700i,800,800i,900,900i" rel="stylesheet">

<!-- Custom styles for this template-->

<link href="../../css/sb-admin-2.min.css" rel="stylesheet">

</head>

<body >

<div class="container">

<!-- Outer Row -->

<div class="row justify-content-center">

<div class="card o-hidden border-0 shadow-lg my-5">

<div class="card-body p-0">

<!-- Nested Row within Card Body -->

<h1 class="h4 text-gray-900 mb-4">Welcome to Ecommerce Management</h1>

</div>

<form class="user" role="form" action="processlogin.php" method="post">

<div class="form-group">

<input class="form-control form-control-user" placeholder="Username"
name="user" type="text" autofocus>

</div>

<div class="form-group">

<input class="form-control form-control-user" placeholder="Password"
name="password" type="password" value="">

</div>
```

```

        <button class="btn btn-primary btn-user btn-block" type="submit"
name="btnlogin">Login</button>

        <hr>

        <!-- <div class="text-center">

            <a class="small" href="register.php">Create an Account!</a>

        </div> -->

    </form>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

<!-- Bootstrap core JavaScript-->

<script src="../../vendor/jquery/jquery.min.js"></script>

<script src="../../vendor/bootstrap/js/bootstrap.bundle.min.js"></script>

<!-- Core plugin JavaScript-->

<script src="../../vendor/jquery-easing/jquery.easing.min.js"></script>

<!-- Custom scripts for all pages-->

<script src="../../js/sb-admin-2.min.js"></script>

</body>

</html>

```


4.4 BACKEND OF CUSTOMER PAGE

```

<?php

include'../includes/connection.php';

include'../includes/sidebar.php';

?><?php

$query = 'SELECT ID, t.TYPE

        FROM users u

        JOIN type t ON t.TYPE_ID=u.TYPE_ID WHERE ID =

        '.$_SESSION['MEMBER_ID'].";

$result = mysqli_query($db, $query) or die (mysqli_error($db));

while ($row = mysqli_fetch_assoc($result)) {

    $Aa = $row['TYPE'];

    if ($Aa=='User'){

?> <script type="text/javascript">

    //then it will be redirected

    alert("Restricted Page! You will be redirected to POS");

    window.location = "pos.php";

</script>

<?php }

}

?>

<div class="card shadow mb-4">

<div class="card-header py-3">

```

```

<h4 class="m-2 font-weight-bold text-primary">Customer< a href="#" data-
toggle="modal" data-target="#customerModal" type="button" class="btn btn-primary bg-
gradient-primary" style="border-radius: 0px;"><i class="fas fa-fw fa-plus"></i></a></h4>

```

```

</div>

```

```

<div class="card-body">

```

```

<div class="table-responsive">

```

```

<table class="table table-bordered" id="dataTable" width="100%" cellspacing="0">

```

```

<thead>

```

```

<tr>

```

```

<th>First Name</th>

```

```

<th>Last Name</th>

```

```

<th>Phone Number</th>

```

```

<th>Action</th>

```

```

</tr>

```

```

</thead>

```

```

<tbody>

```

```

<?php

```

```

$query = 'SELECT * FROM customer';

```

```

$result = mysqli_query($db, $query) or die (mysqli_error($db));

```

```

while ($row = mysqli_fetch_assoc($result)) {

```

```

    echo '<tr>';

```

```

    echo '<td>'. $row['FIRST_NAME'].'</td>';

```

```

    echo '<td>'. $row['LAST_NAME'].'</td>';

```

```

    echo '<td>'. $row['PHONE_NUMBER'].'</td>';

```

```

    echo '<td align="right">

```

```
<a type="button" class="btn btn-warning bg-gradient-warning btn-block"
href="cust_edit.php?action=edit & id='.$row['CUST_ID']. "'>

    </i> Edit

</a>

<a type="button" class="btn btn-warning bg-gradient-warning btn-block"
href="cust_del.php?action=del & id='.$row['CUST_ID']. "'>

    </i> Delete

</a>

</div>

</div> </td>';

echo '</tr> ';

}

?>

</tbody>

</table>

</div>

</div>

</div>

<?php

include'../includes/footer.php';

?>
```

CHAPTER-5

SCREENSHOTS

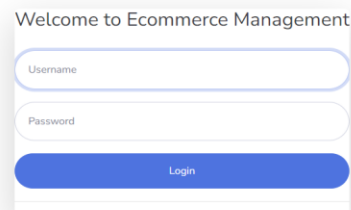


Fig-5.1: Login Page

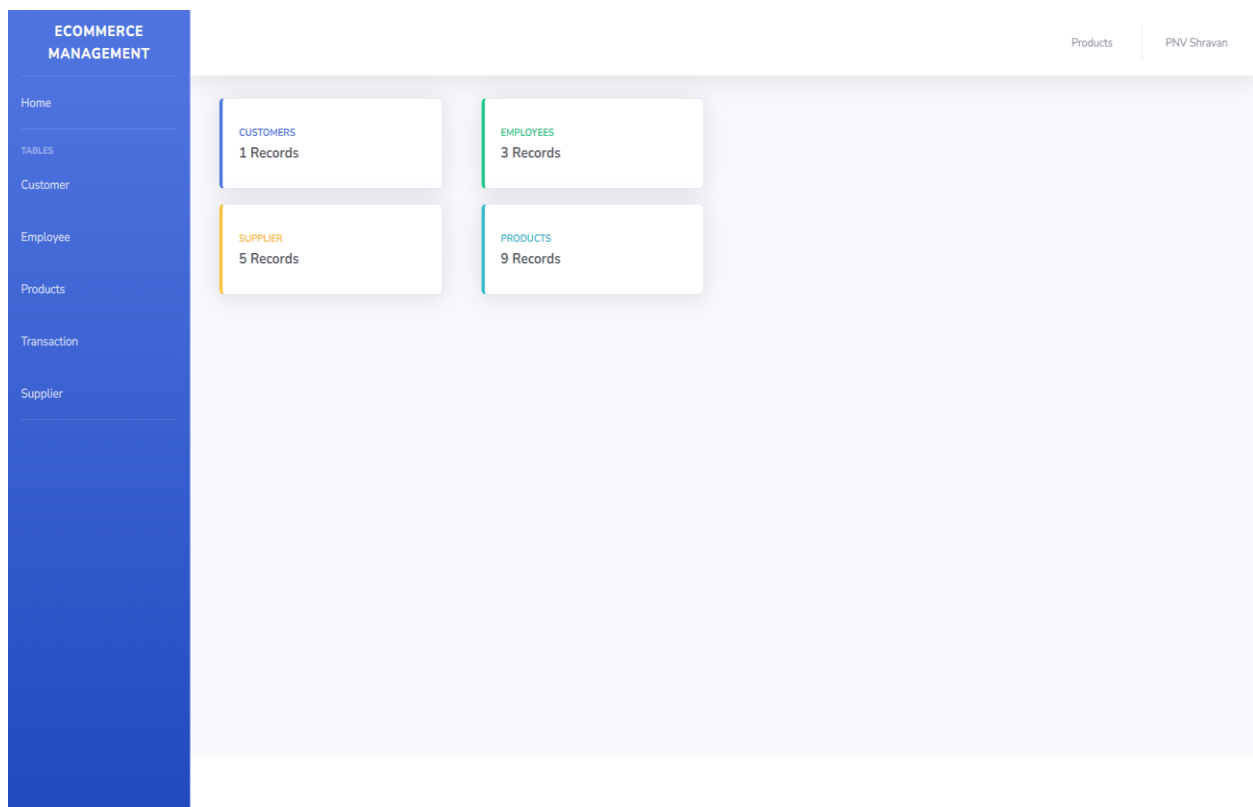


Fig-5.2: Dashboard

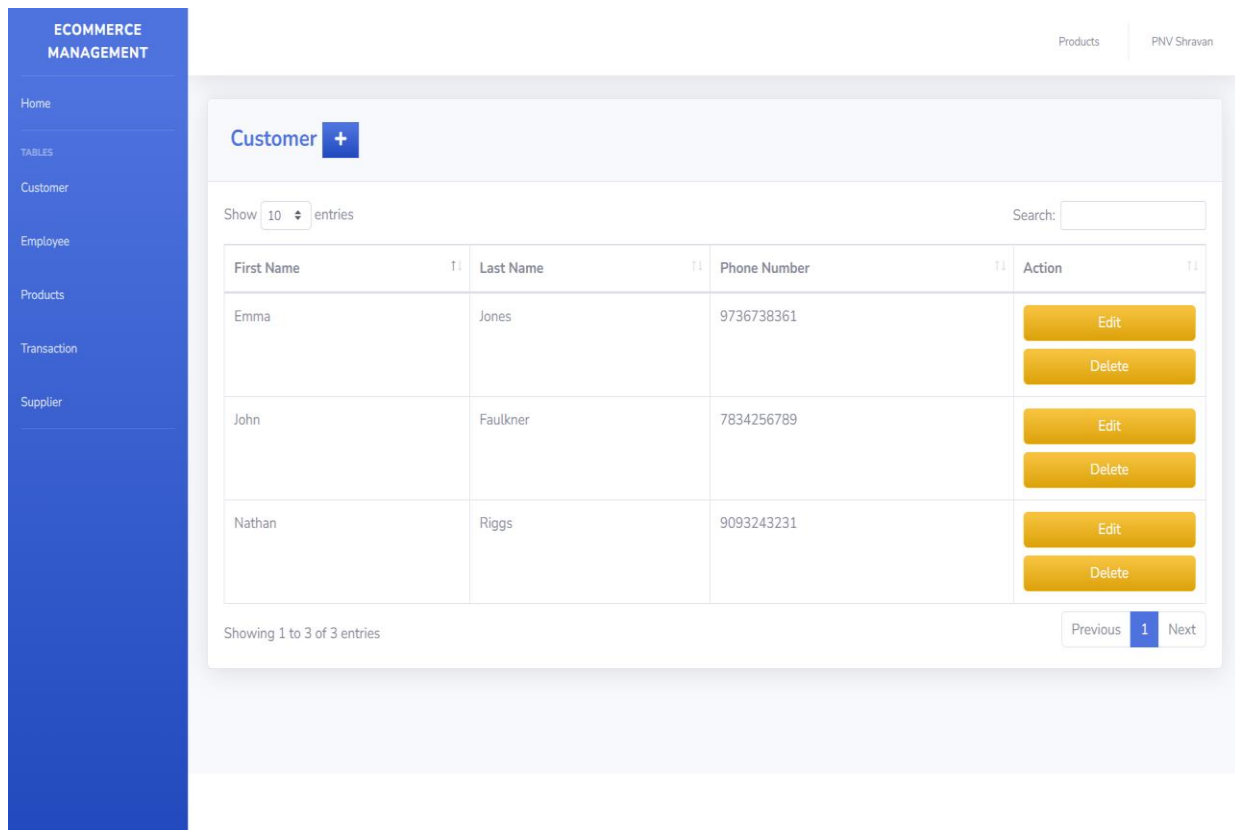


Fig-5.3: Customer Details

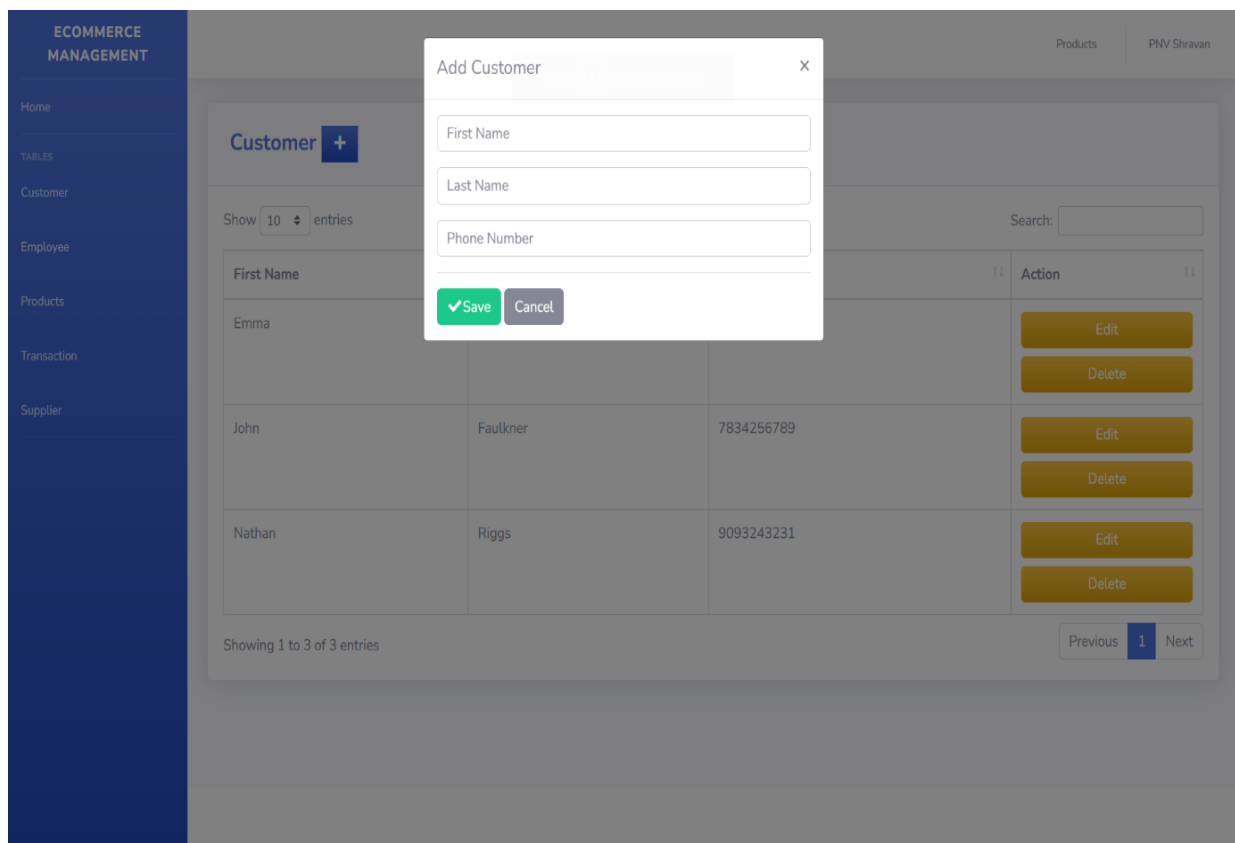


Fig-5.4: Add Customer

ECOMMERCE MANAGEMENT

Home

TABLES

Customer

Employee

Products

Transaction

Supplier

Products

PNV Shravan

Employee +

Show 10 entries

Search:

First Name	Last Name	Gender	Email	Phoneno	Action
Arcana	Jane	Female	arcana20@gmail.com	9495347812	<div>Edit</div> <div>Delete</div>
Ashish	Kumar	Male	ashish@gmail.com	1010101010	<div>Edit</div> <div>Delete</div>
PNV	Shravan	Male	pns@gmail.com	1234567890	<div>Edit</div> <div>Delete</div>

Showing 1 to 3 of 3 entries

Previous

1

Next

Fig-5.5: Employee Details

ECOMMERCE MANAGEMENT

Home

TABLES

Customer

Employee

Products

Transaction

Supplier

Products

PNV Shravan

Products +

Show 10 entries

Search:

Product code	Name	Price	Category	Action
APPLIA124	Bajaj ATX 4 750-watt	1595	Appliances	<div>Edit</div> <div>Delete</div>
BOOK121	The Subtle Art of Not Giving a F**k	243	Books	<div>Edit</div> <div>Delete</div>
BOOK122	The Psychology of Money	225	Books	<div>Edit</div> <div>Delete</div>
CLOTH127	Van Heusen Men's Polo Shirt	499	Fashion	<div>Edit</div> <div>Delete</div>
CLOTH128	U.S. POLO ASSN. Men Casual Pants	599	Fashion	<div>Edit</div> <div>Delete</div>
MEFH129	Volini Gel 750	700	Healthcare	<div>Edit</div> <div>Delete</div>

Fig-5.6: Product Details

ECOMMERCE MANAGEMENT

Products | PNV Shravan

Home
TABLES
Customer
Employee
Products
Transaction
Supplier

Add Product

[Back](#)

Product Code

Name

Description

Quantity

Price

Select Category

Select Supplier

[Save](#) [Reset](#)

Fig-5.7: Add Products

ECOMMERCE MANAGEMENT

Products | PNV Shravan

Home
TABLES
Customer
Employee
Products
Transaction
Supplier

Transaction

Show 10 entries Search:

Transaction Number	Customer	no. of Items	Action
2	John Faulkner	2	View
3	John Faulkner	1	View
4	John Faulkner	2	View
5	Nathan Riggs	2	View

Showing 1 to 4 of 4 entries

Previous **1** Next

Fig-5.8: Transaction Details

ECOMMERCE MANAGEMENT

Home

TABLES

Customer

Employee

Products

Transaction

Supplier

Products

PNV Shravan

Ecommerce Management

Nathan Riggs

Transaction no.5

Phone: 9093243231

Products	Qty	Price	Total
Bajaj ATX 4 750-watt	1	1595	1595
Volini Gel 75g	1	209	209

Cash Amount: Rs. 1,804.00

Fig-5.9: Transaction Summary

ECOMMERCE MANAGEMENT

Home

TABLES

Customer

Employee

Products

Transaction

Supplier

Products

PNV Shravan

Supplier +

Show 10 entries

Search:

Supplier Name	Phone Number	Option
Bajaj Electronics	7345678910	<div>Edit</div> <div>Delete</div>
Maharaja Enterprises	7123456789	<div>Edit</div> <div>Delete</div>
Rajesh Electronics	7234567891	<div>Edit</div> <div>Delete</div>
Supriya Medicals	7567890123	<div>Edit</div> <div>Delete</div>
Vamsi Clothing	7456789123	<div>Edit</div> <div>Delete</div>

Fig-5.10: Supplier Details

CONCLUSION

This project has greatly improved us in the field of database and project management. Our insight on popular query language SQL has significantly increased. We have also gained an insight of working of an e-commerce database system which reflects a typical situation of buying and selling goods in real life. It has also given us experience in managing project schedule which will be really helpful in our future for handling a real life project. This application by itself will decrease the overhead of the seller. It will make his job of maintaining previous transaction data much easier without the need of traditional pen and paper.

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