# Mini Project

# on

# Dairy Farm Shop Management System

**Submitted by**

**Aditya Meshram ERP: 1032180029**

**Tanaya Patole ERP:1032180044**

**Ahbaz Memon ERP:1032180046**

**Under the able guidance of**

**Prof. Pratik Soygaonkar**

**At**

**School of Computer Engineering and Technology**

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## ABSTRACT

The importance of information and efficient information management is steadily increasing due to the evolution of new technologies and high-capacity storage media but also because growing market dynamics raise information needs. A marketing decision support system (MDSS) can be of particular importance as it supports organizations in collecting, storing, processing, and disseminating information, and in the decision-making process by providing forecasts and decision models. The following article provides insights into a successful implementation of a MDSS in dairy industry. Based on findings on the analysis of the system's protocol files, it discusses the information needs in dairy management.

## LIST OF FIGURES



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## 1. INTRODUCTION

Dairy production is an important component of livestock farming. The mission of the Dairy Farm Shop Management System is to create communication between rural area people and dairy management. Our main goal is to develop this application to encourage the dairy industry to go online and tech ready. ***Dairy Farm Shop Management System*** is a software application to maintain day to day transactions in a Dairy Farm Shop. This software helps to manage all the categories of products, their companies, product catalogue etc. A full-fledged software is

required which will take care all these. This is an online project developed using PHP and MySQL.

## 1.1 OBJECTIVES:

The main objective of this application is to automate the complete operations of a dairy farm shop. They need to maintain hundreds of records of products. Also searching should be very faster so they can find required details instantly.

## 2. PROBLEM DEFINITION:

Create a platform for Dairy Farm Shop. The admin will be able to view categories and also be able to add/delete categories. Admin can sign In. It also allows admin to add companies and products related to Dairy Farm. Admin can also view invoices. An option to view sales between particular dates is also available.

### 2.1 FEATURES

- **Dashboard:** In this section, admin can see all detail in brief like Total listed categories, companies, products and also see the sales.
- **Category:** In this section, admin can add new categories and edit, delete old categories.
- **Company:** In this section, admin can add new companies and edit, delete old companies.
- **Product:** In this section, admin can add new products and edit old products.
- **Search:** In this section, admin can search for a product then add the product into the cart and generate invoice /receipt.
- **Invoices:** In this section, admin can view all generated invoices/receipts.
- **Reports**: In this section, admin can generate two reports, one is B/w date and another one is for sales.
- Admin can also update his profile, change the password and recover the password.

## 3. TOOLS & TECHNOLOGIES USED

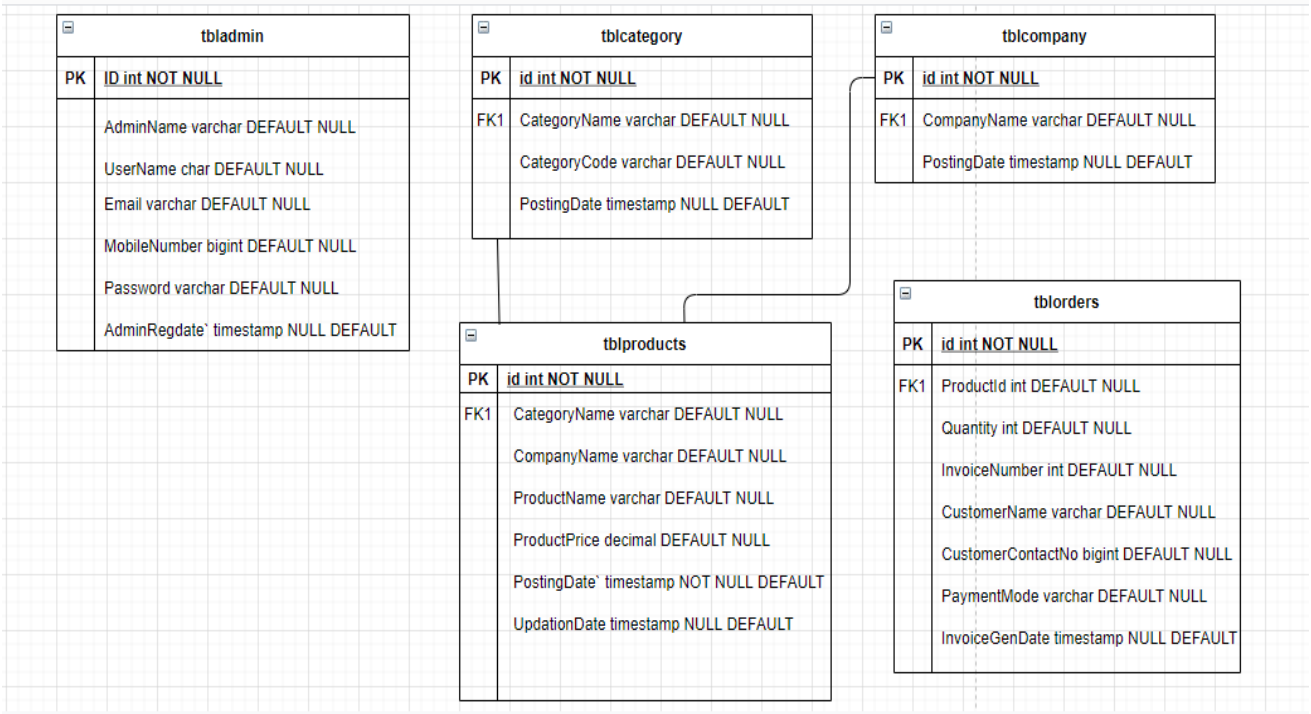
**ER diagrams**: Draw.io

**Frontend:** JavaScript, jQuery, HTML, CSS, AJAX:, Bootstrap

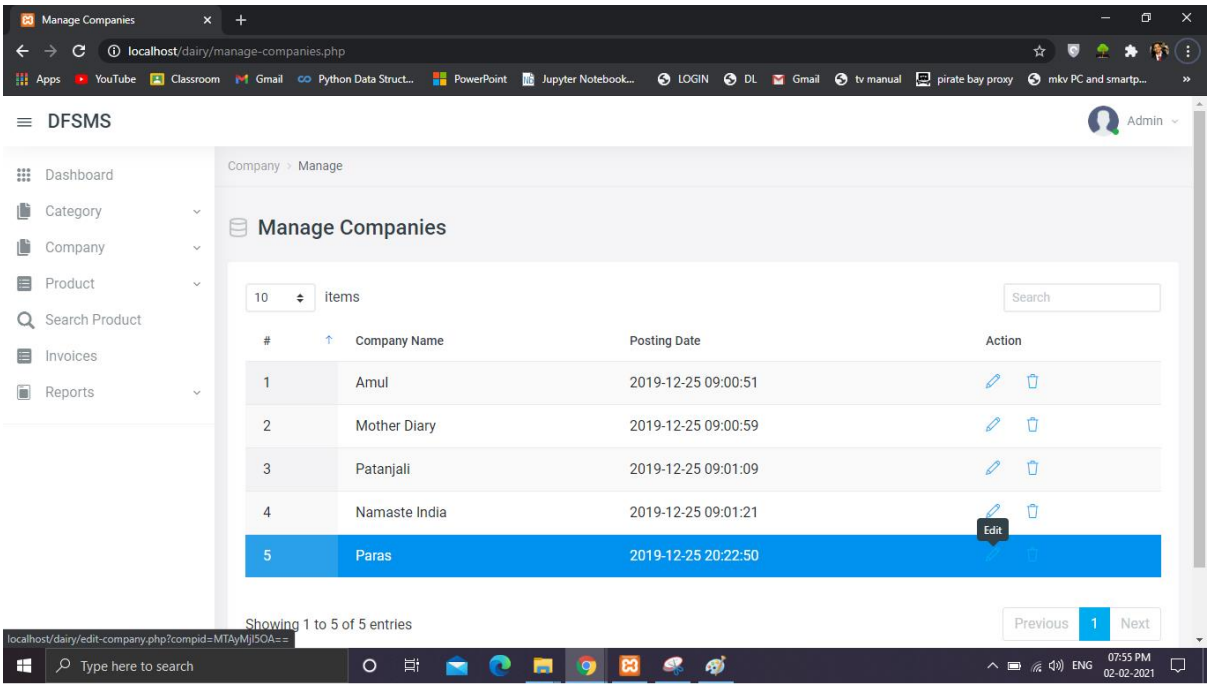
**Backend:** PHP

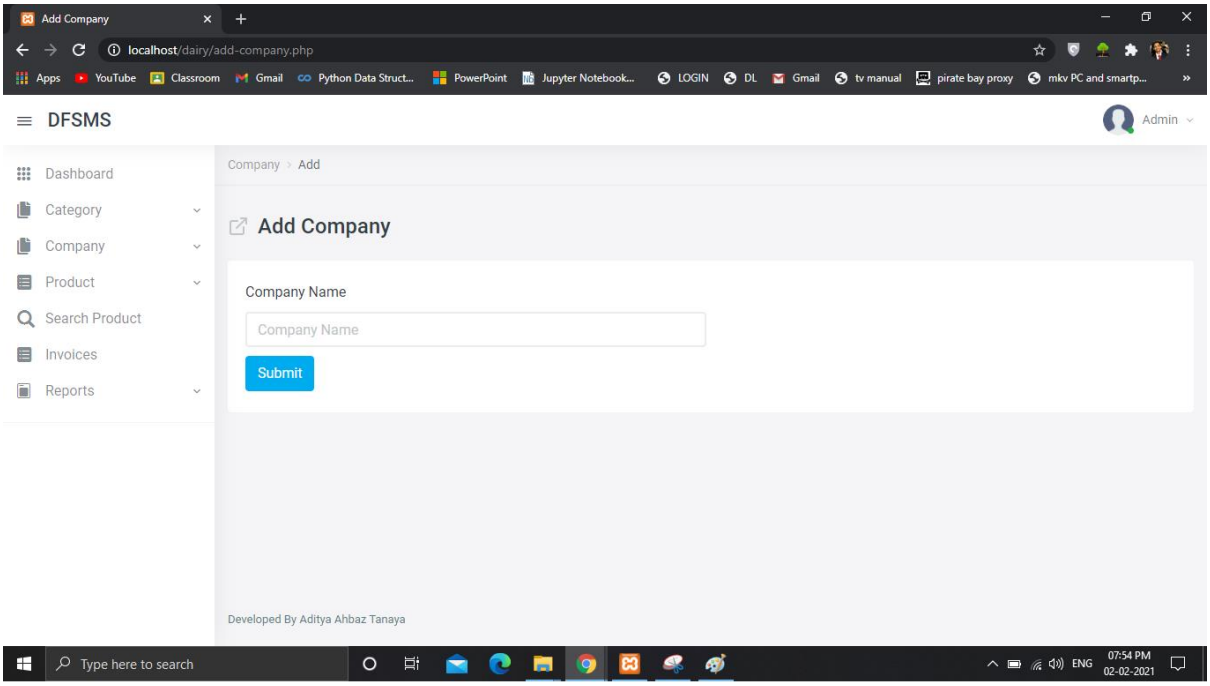
**Database Management:** MySQL

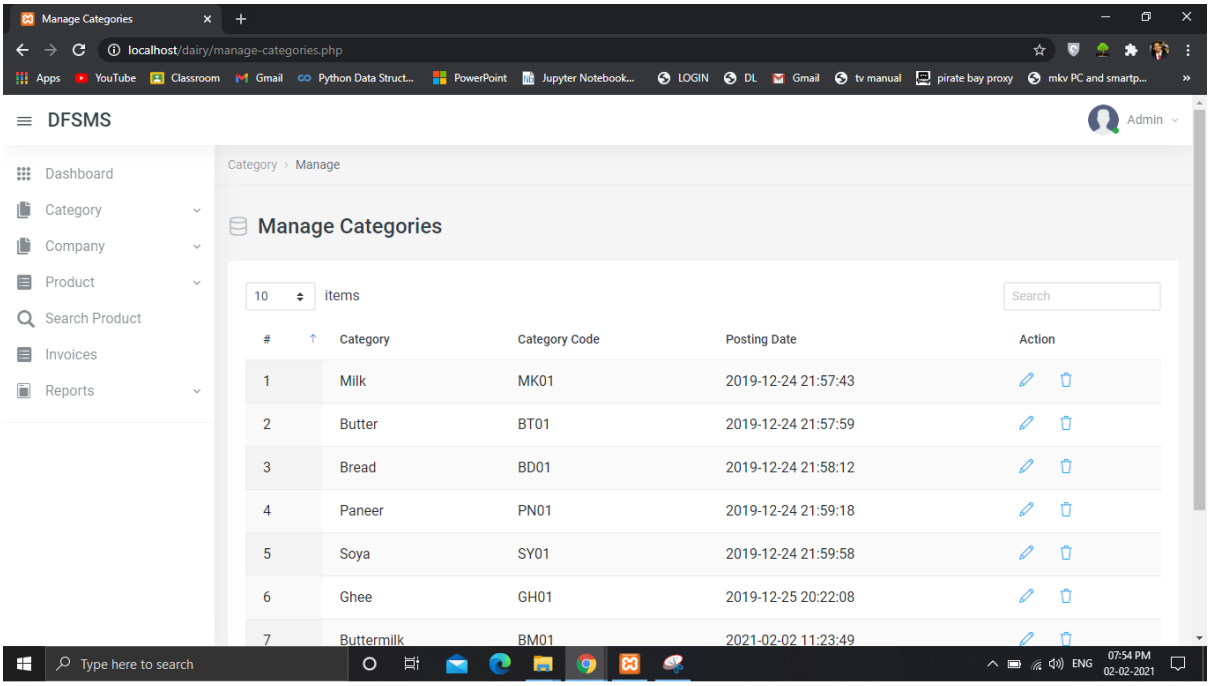
## 4. DATABASE DESIGN (ER DIAGRAM)

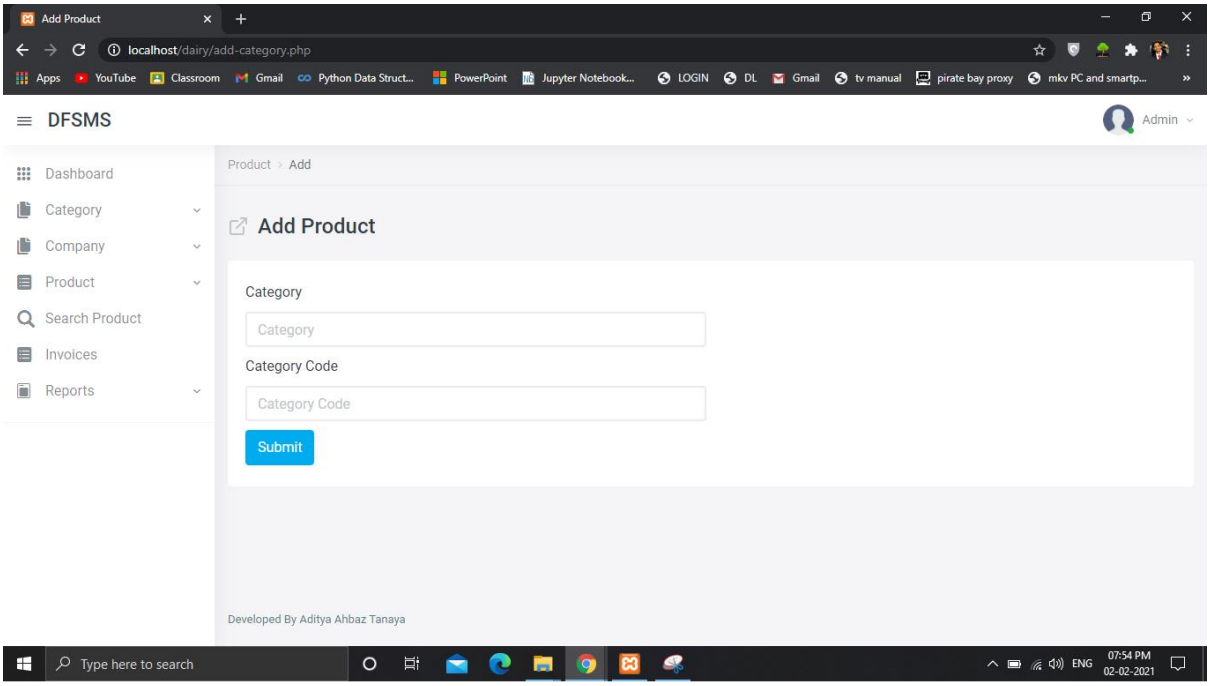


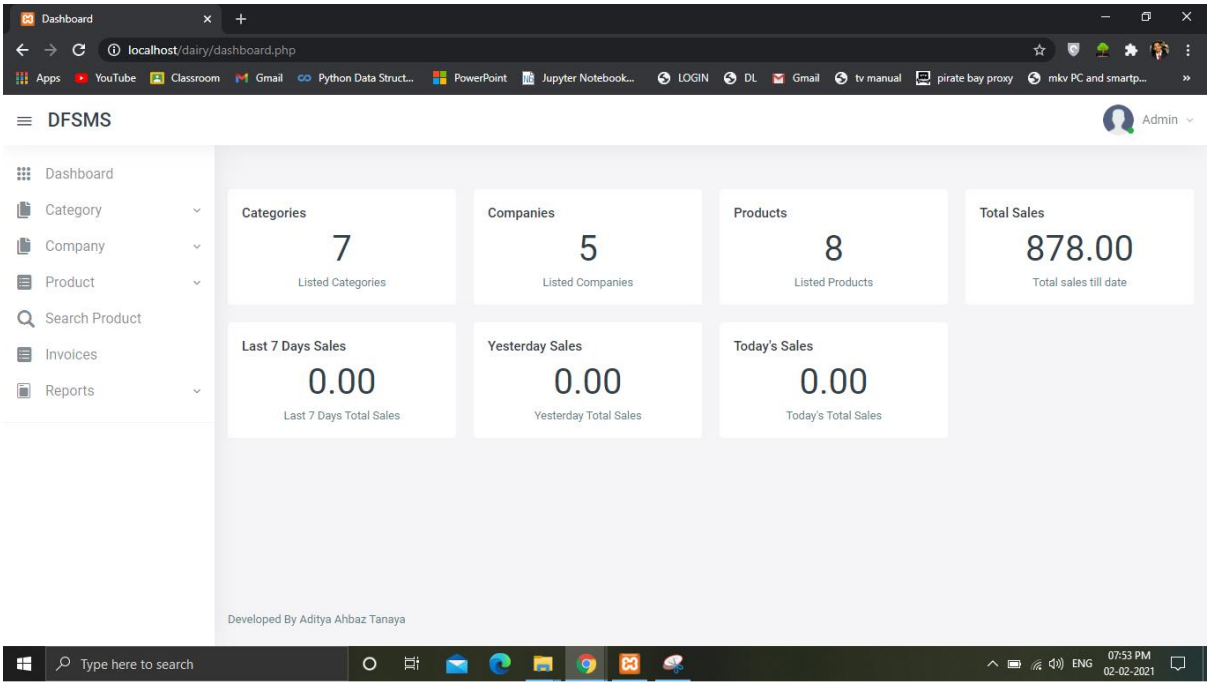
# 5. FRONTEND GUI SCREENSHOTS

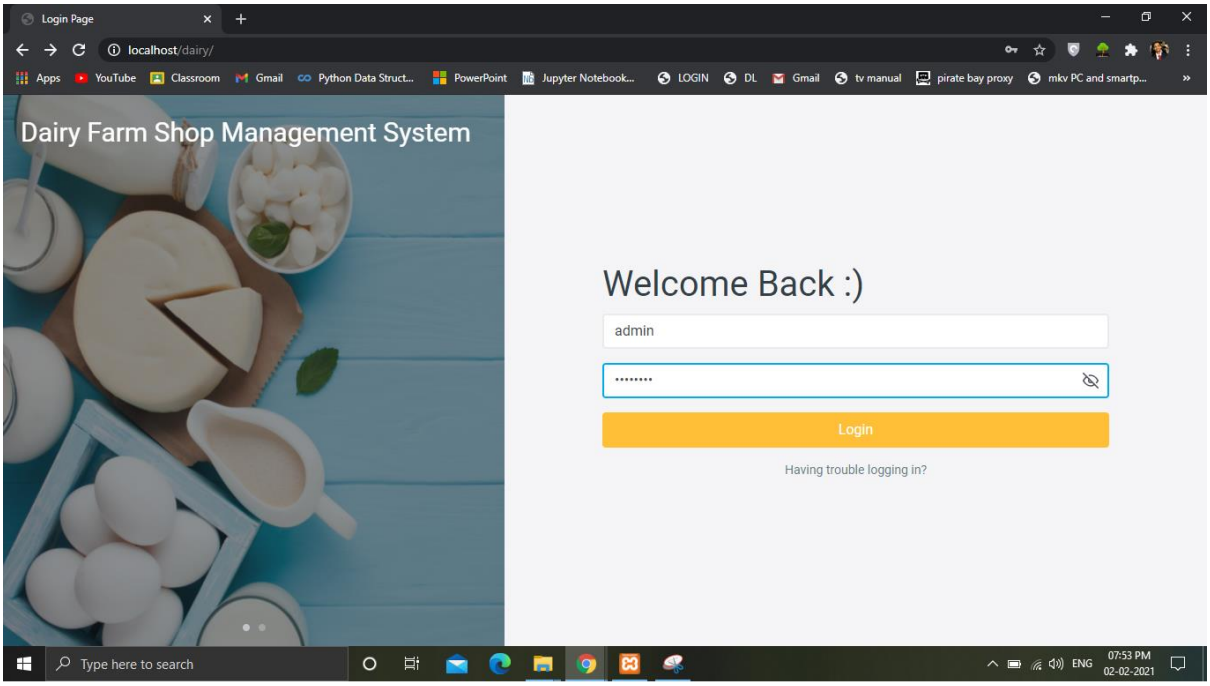


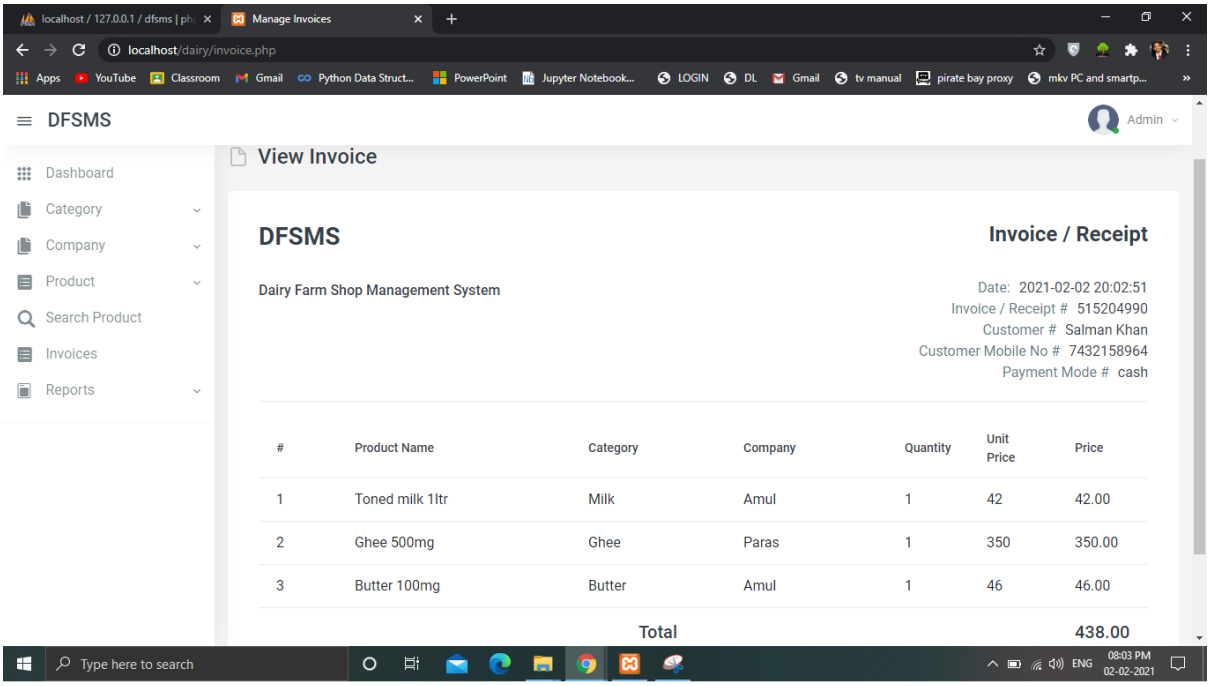



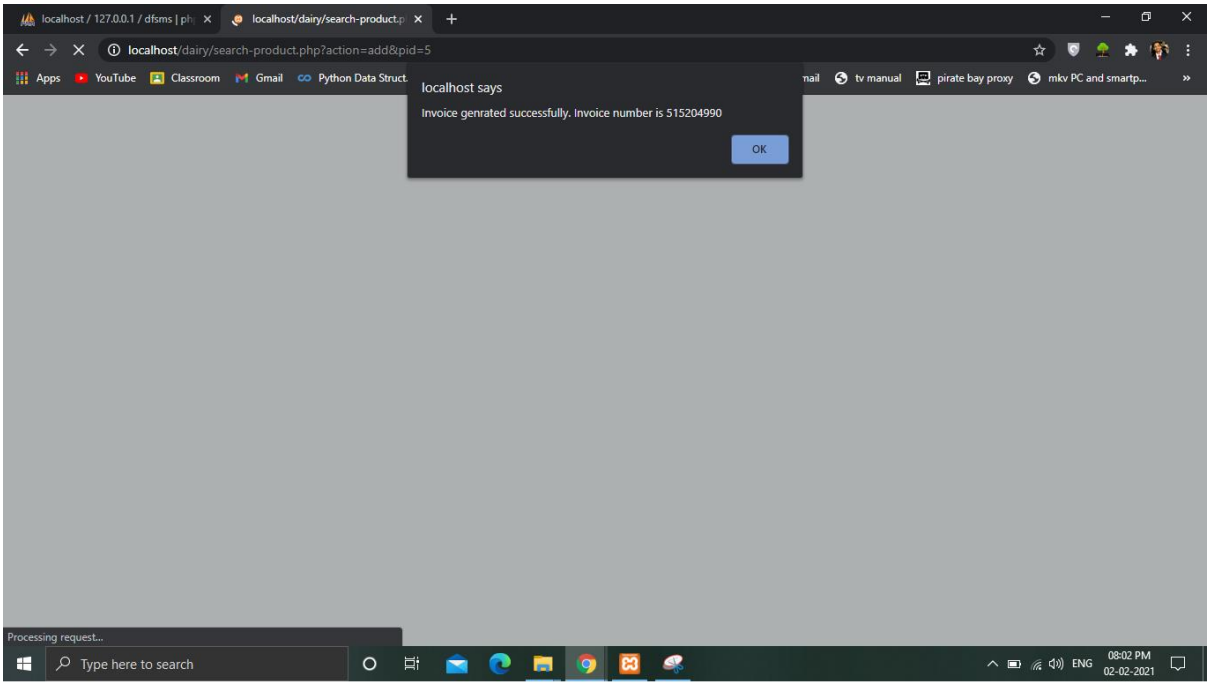

Manage Categories
localhost/dairy/manage-categories.php
DFSMS
Admin
Dashboard
Category
Company
Product
Search Product
Invoices
Reports
Category > Manage
Manage Categories
10 items
Search
# Category Category Code Posting Date Action
1 Milk MK01 2019-12-24 21:57:43
2 Butter BT01 2019-12-24 21:57:59
3 Bread BD01 2019-12-24 21:58:12
4 Paneer PN01 2019-12-24 21:59:18
5 Soya SY01 2019-12-24 21:59:58
6 Ghee GH01 2019-12-25 20:22:08
7 Buttermilk BM01 2021-02-02 11:23:49
Type here to search
07:54 PM
02-02-2021

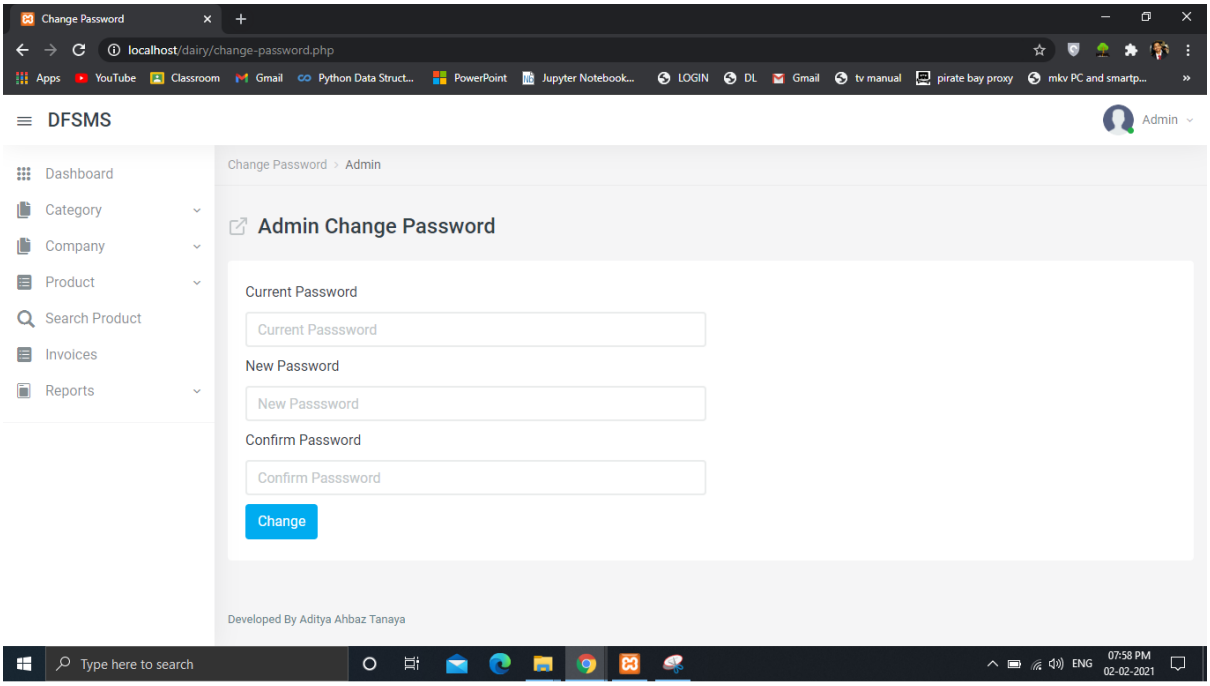

Add Product
localhost/dairy/add-category.php
DFSMS
Admin
Dashboard
Category
Company
Product
Search Product
Invoices
Reports
Product > Add
Add Product
Category
Category
Category Code
Category Code
Submit
Developed By Aditya Ahbaz Tanaya
Type here to search
07:54 PM
02-02-2021

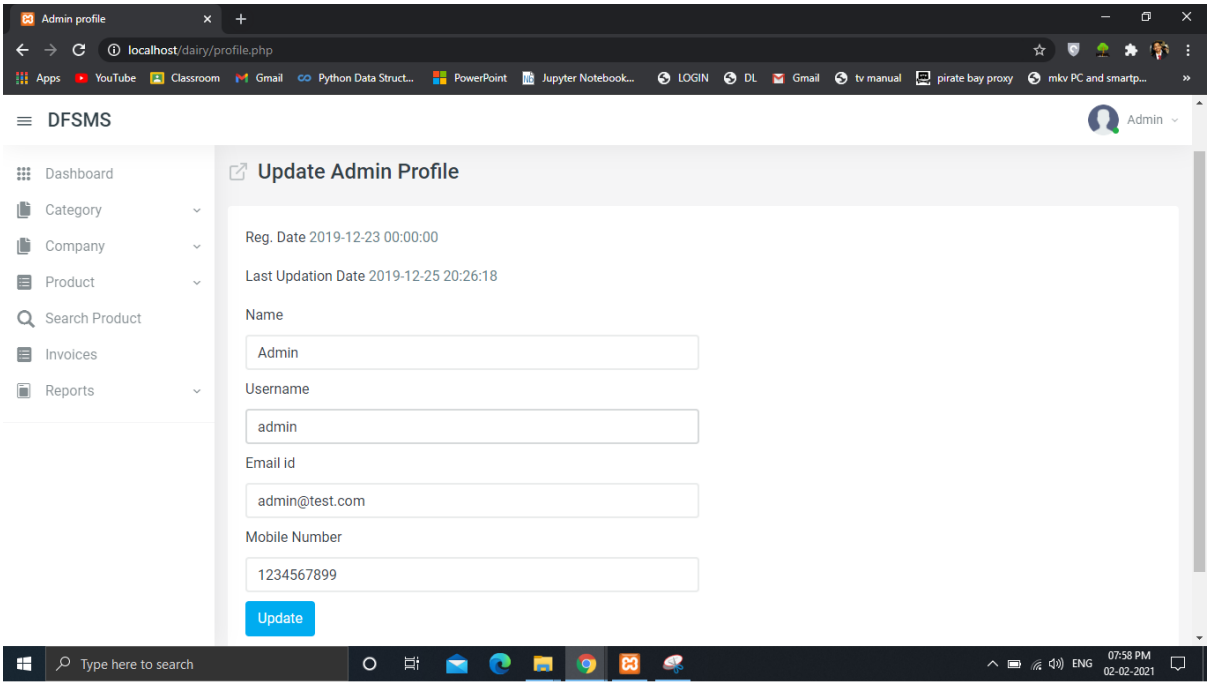

Dashboard
localhost/dairy/dashboard.php
DFSMS
Admin
Dashboard
Category
Company
Product
Search Product
Invoices
Reports
Categories
7
Listed Categories
Companies
5
Listed Companies
Products
8
Listed Products
Total Sales
878.00
Total sales till date
Last 7 Days Sales
0.00
Last 7 Days Total Sales
Yesterday Sales
0.00
Yesterday Total Sales
Today's Sales
0.00
Today's Total Sales
Developed By Aditya Ahbaz Tanaya
Type here to search
07:53 PM
02-02-2021

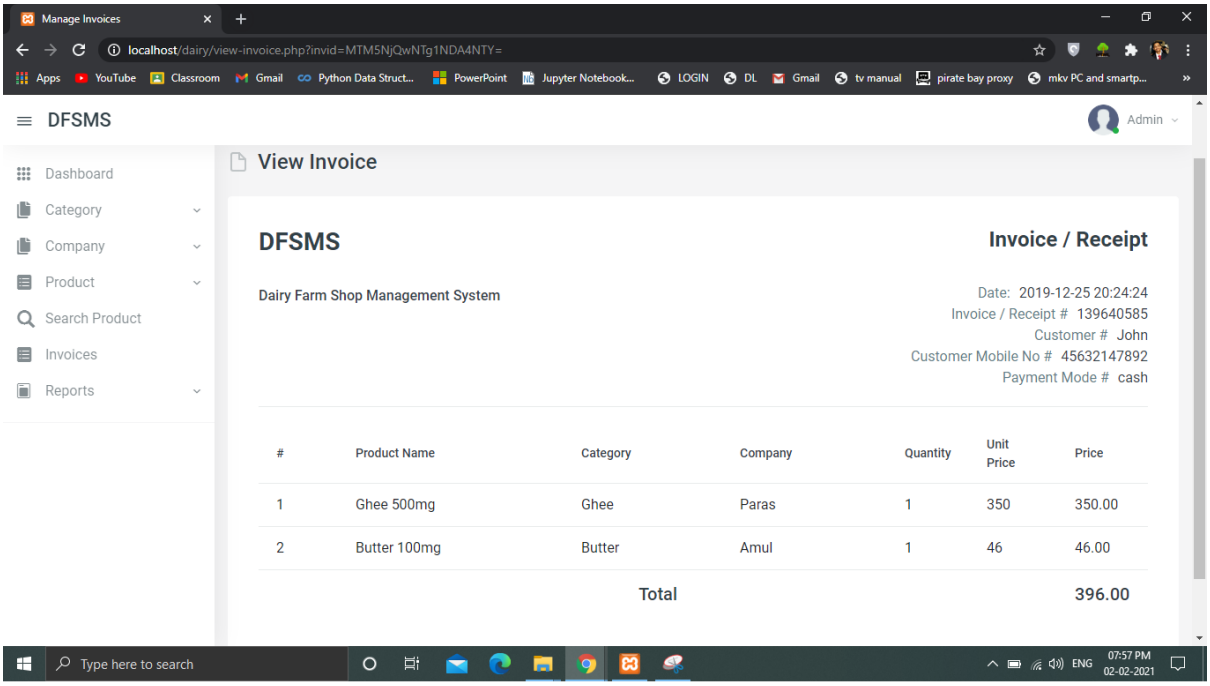

Login Page
localhost/dairy/
Dairy Farm Shop Management System
Welcome Back :)
admin
Login
Having trouble logging in?
Type here to search
07:53 PM
02-02-2021

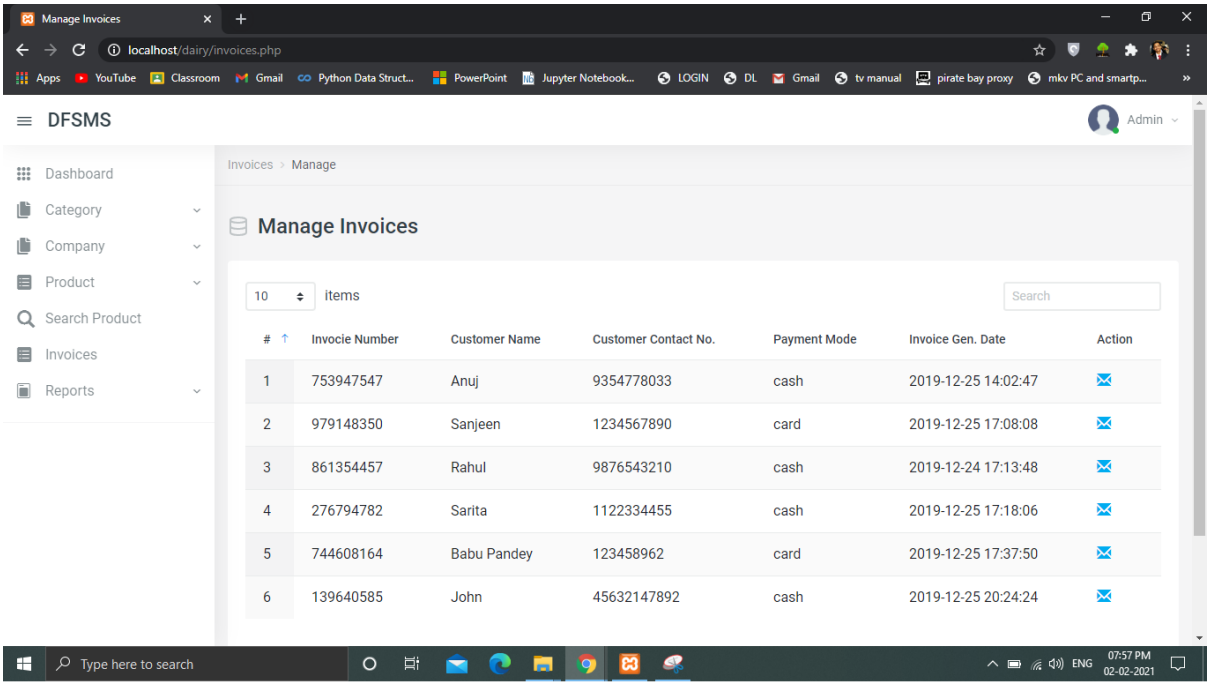

localhost / 127.0.0.1 / dfsms | ph
Manage Invoices
localhost/dairy/invoice.php
DFSMS
Admin
Dashboard
Category
Company
Product
Search Product
Invoices
Reports
View Invoice
DFSMS
Dairy Farm Shop Management System
Invoice / Receipt
Date: 2021-02-02 20:02:51
Invoice / Receipt # 515204990
Customer # Salman Khan
Customer Mobile No # 7432158964
Payment Mode # cash
# Product Name Category Company Quantity Unit Price Price
1 Toned milk 1ltr Milk Amul 1 42 42.00
2 Ghee 500mg Ghee Paras 1 350 350.00
3 Butter 100mg Butter Amul 1 46 46.00
Total 438.00
Type here to search
08:03 PM
02-02-2021

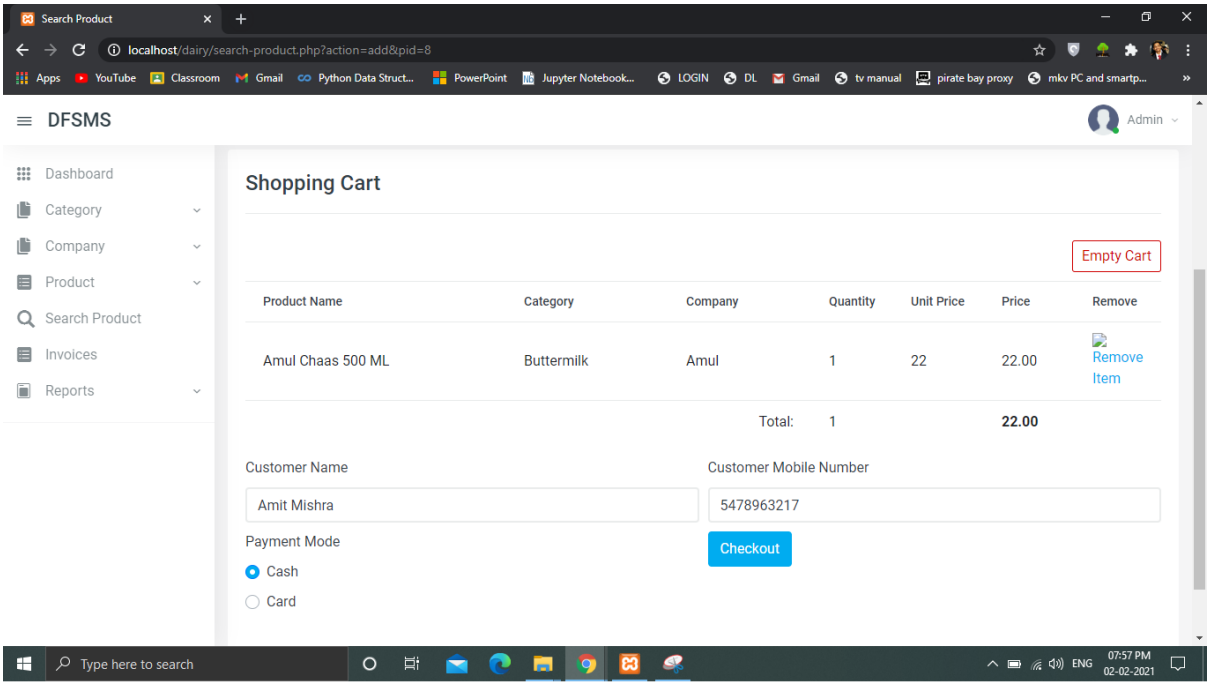

localhost / 127.0.0.1 / dfsms | ph
localhost/dairy/search-product.p
localhost/dairy/search-product.php?action=add&pid=5
localhost says
Invoice genrated successfully. Invoice number is 515204990
OK
Processing request...
Type here to search
08:02 PM
02-02-2021

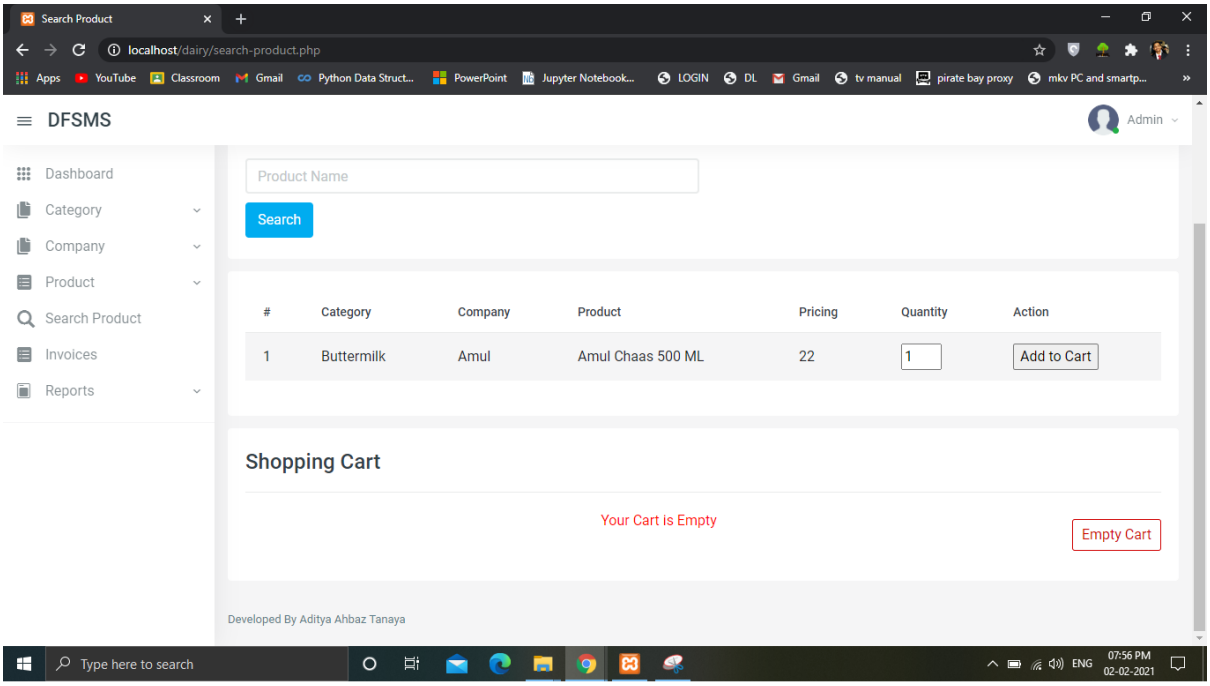

Change Password
localhost/dairy/change-password.php
DFSMS
Admin
Dashboard
Category
Company
Product
Search Product
Invoices
Reports
Change Password > Admin
Admin Change Password
Current Password
Current Passsword
New Password
New Passsword
Confirm Password
Confirm Passsword
Change
Developed By Aditya Ahbaz Tanaya
Type here to search
07:58 PM
02-02-2021

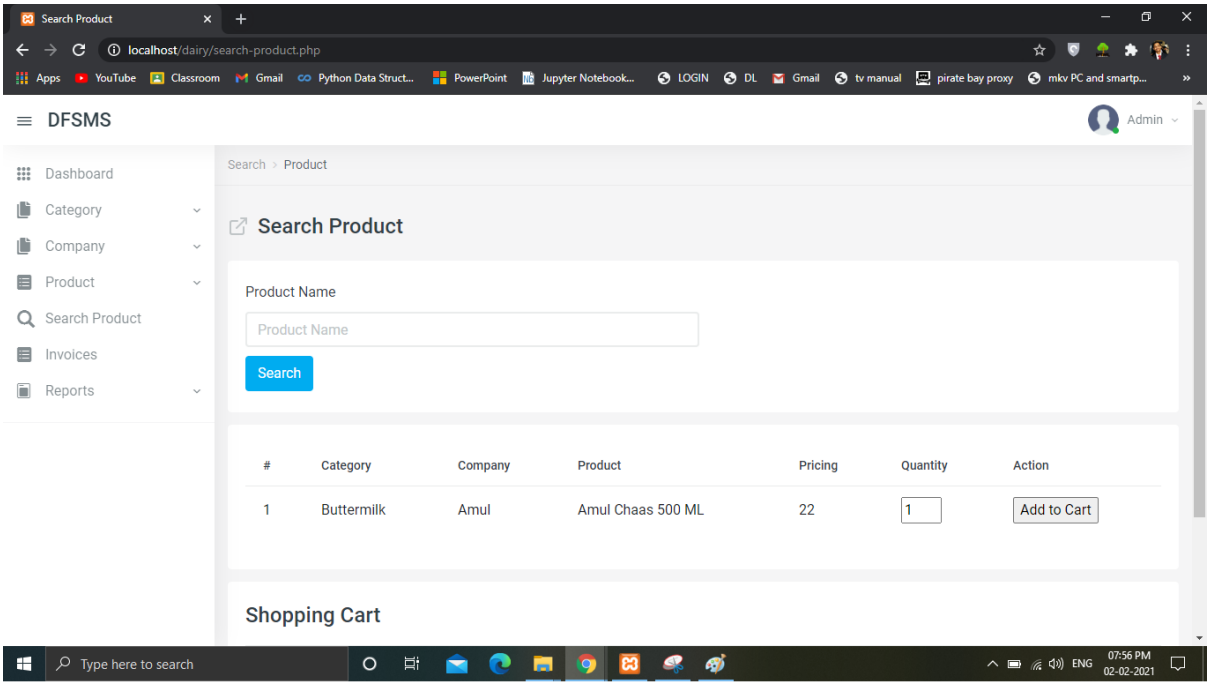

Admin profile
localhost/dairy/profile.php
DFSMS
Admin
Dashboard
Category
Company
Product
Search Product
Invoices
Reports
Update Admin Profile
Reg. Date 2019-12-23 00:00:00
Last Updation Date 2019-12-25 20:26:18
Name
Admin
Username
admin
Email id
admin@test.com
Mobile Number
1234567899
Update
Type here to search
07:58 PM
02-02-2021

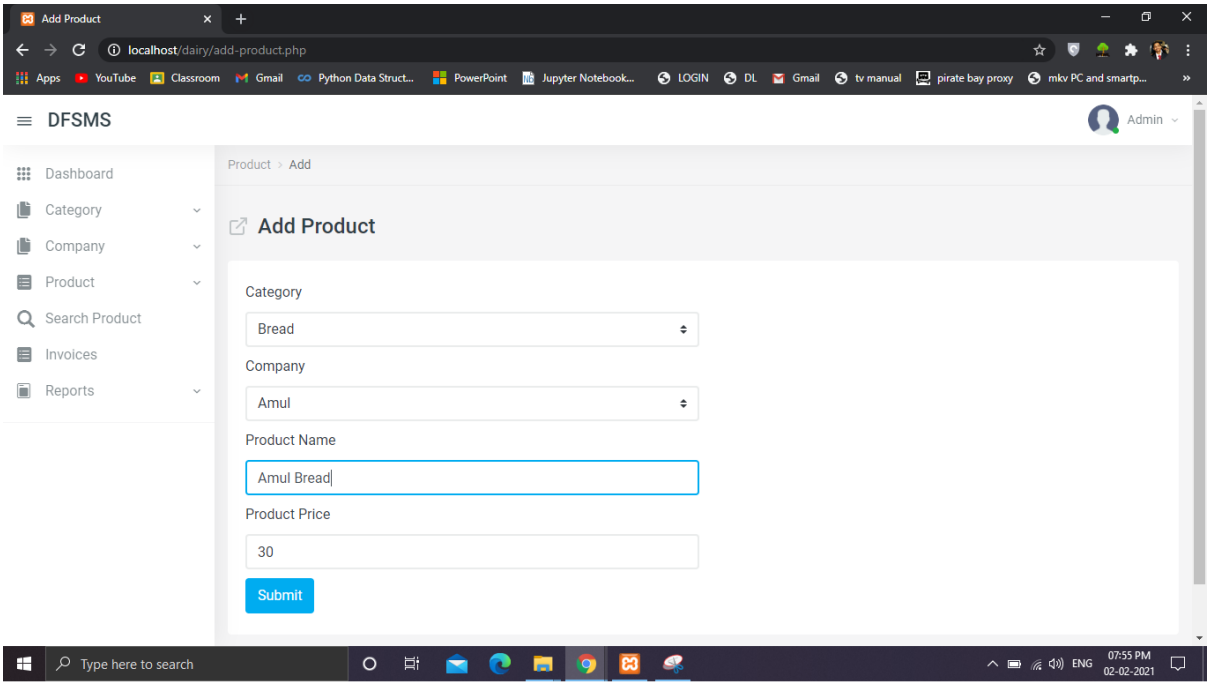

Manage Invoices
localhost/dairy/view-invoice.php?invid=MTM5NjQwNTg1NDA4NTY=
DFSMS
Admin
Dashboard
Category
Company
Product
Search Product
Invoices
Reports
View Invoice
DFSMS
Dairy Farm Shop Management System
Invoice / Receipt
Date: 2019-12-25 20:24:24
Invoice / Receipt # 139640585
Customer # John
Customer Mobile No # 45632147892
Payment Mode # cash
# Product Name Category Company Quantity Unit Price Price
1 Ghee 500mg Ghee Paras 1 350 350.00
2 Butter 100mg Butter Amul 1 46 46.00
Total 396.00
Type here to search
07:57 PM
02-02-2021


Manage Invoices
localhost/dairy/invoices.php
DFSMS
Admin
Dashboard
Category
Company
Product
Search Product
Invoices
Reports
Invoices > Manage
Manage Invoices
10 items
Search
# Invocie Number Customer Name Customer Contact No. Payment Mode Invoice Gen. Date Action
1 753947547 Anuj 9354778033 cash 2019-12-25 14:02:47
2 979148350 Sanjeen 1234567890 card 2019-12-25 17:08:08
3 861354457 Rahul 9876543210 cash 2019-12-24 17:13:48
4 276794782 Sarita 1122334455 cash 2019-12-25 17:18:06
5 744608164 Babu Pandey 123458962 card 2019-12-25 17:37:50
6 139640585 John 45632147892 cash 2019-12-25 20:24:24
Type here to search
07:57 PM
02-02-2021


Search Product
localhost/dairy/search-product.php?action=add&pid=8
DFSMS
Admin
Dashboard
Category
Company
Product
Search Product
Invoices
Reports
Shopping Cart
Empty Cart
Product Name
Category
Company
Quantity
Unit Price
Price
Remove
Amul Chaas 500 ML
Buttermilk
Amul
1
22
22.00
Remove Item
Total:
1
22.00
Customer Name
Amit Mishra
Customer Mobile Number
5478963217
Payment Mode
Cash
Card
Checkout
Type here to search
07:57 PM
02-02-2021


Search Product
localhost/dairy/search-product.php
DFSMS
Admin
Dashboard
Category
Company
Product
Search Product
Invoices
Reports
Product Name
Search
#
Category
Company
Product
Pricing
Quantity
Action
1
Buttermilk
Amul
Amul Chaas 500 ML
22
1
Add to Cart
Shopping Cart
Your Cart is Empty
Empty Cart
Developed By Aditya Ahbaz Tanaya
Type here to search
07:56 PM
02-02-2021




## 6. PHP SESSION HANDLING DETAILS

A Session is a unique identifier that is recorded on the server and in your browser. By recording this information, the server is able to maintain the state across many page requests.

```php
<?php
session_start();
error_reporting(0);
include('includes/config.php');
if(isset($_POST['login']))
  {
    $adminuser=$_POST['username'];
    $password=md5($_POST['password']);
    $query=mysqli_query($con,"select ID from tbladmin where  UserName='$adminuser' && Password='$password' ");
    $ret=mysqli_fetch_array($query);
    if($ret>0){
      $_SESSION['aid']=$ret['ID'];
     header('location:add-category.php');
    }
    else{
     echo "<script>alert('Invalid details. Please try again.');</script>";
   echo "<script>window.location.href='dashboard.php'</script>";
    }
  }
```

```php
<?php
session_start();
//error_reporting(0);
include('includes/config.php');
if (strlen($_SESSION['aid']==0)) {
  header('location:logout.php');
  } else{
```

## 7. CONCLUSION

Thus, we have successfully implemented a Dairy Farm Shop Management System which helps us in centralizing the data used for managing the tasks in a Dairy Farm.

We have successfully implemented various functionalities of HTML, CSS, jQuery, MySQL and PHP and created the fully functional Web Application for Dairy Farm Shop Management System. The Dairy Farm Shop Management System serves as a helpful approach for a Dairy Farm and to refine their service.

## 8. APPENDIX

### 10.1 REFERENCES


1. C. Steele, "The Web Developer Bootcamp: Learn HTML, CSS, Node, and More!", *Udemy*, 2016. [Online]. Available: https://www.udemy.com/course/the-web-developer-bootcamp/.

2.https://docs.rapidminer.com/9.6/server/install/database_setup/creating_mysql_db.html#:~:text=Open%20the%20MySQL%20Workbench%20as,Then%20click%20Apply.

3. https://www.w3schools.com/php/php_sessions.asp

4. https://developer.mozilla.org/en-US/docs/Learn/Forms/Form_validation

## 10.2 TOOLS USED

- MySQL
- Google Chrome
- Visual Studio Code editor
- XAMPP