

A

Project Report

On

"E-Farming Portal"

Submitted to

The Department Of Computer Studies

SIBER, Kolhapur

(An Autonomous Institute)

FOR THE PARTIAL FULFILLMENT OF MASTER OF COMPUTER APPLICATION

(MCA - I) (SEM - II)

By

Miss. Patil Rutuja ashok

Miss. Patil Urmila Uttam

Under the guidance of

Mr. R. T. Thorat

CHH. SHAHU INSTITUTE OFBUSINESS EDUCATION & RESEARCH, KOLHAPUR

2020-2021



CHH. SHAHU INSTITUTE OF BUSINESS

EDUCATION & RESEARCH, KOLHAPUR



Department Of Computer Studies

This is to certify that, the project report entitled "E Farming Portal" is the record of project work, carried out in this college by

Miss. Patil Rutuja Ashok

Miss. Patil Urmila Uttam

For the partial requirement of the MCA-I(Sem-II) Examination of the Chh. Shahu Institute of Business Education & Research, Kolhapur during the academic year 2020 - 2021.

Date:

Mr.R.T.Thorat Dr.P.G.Naik

Project Guide H.O.D. Examiner

DECLARATION

To,

The Director,

CSIBER, Kolhapur.

Sir,

We undersigned Miss Patil Rutuja Ashok and Miss Patil Urmila Uttam hereby declare that, the project report "E-Farming Portal" submitted by us, under the guidance of Mr.R.T.Thorat is our original work. The project presented

is developed by us independently and is not duplication from any other source.

This project report is submitted to Chh. Shahu Institute of Business Education & Research, Kolhapur for the partially fulfilment of MCA-I (Sem- II)

Project.

We understand that any such copying is liable to punish in a way that

University Authorities deem fit.

Place: Kolhapur

Date:

Miss. Patil Rutuja Ashok

Miss. Patil Urmila Uttam

ACKNOWLEDGEMENT

We are sincerely expressing my deep felt gratitude to a number of

people who have helped us throughout my project work.

We wish to express by indebtedness and thankfulness to our H.O.D.

Dr.P.G.Naik their encouragement without which we could not complete our

project task

We would also like to convey our feeling of gratitude to our guide

Mr.R.T.Thorat who has guided us throughout us project work with her immense

knowledge and has encouraged us throughout.

Also we would like to take an opportunity to thank other Computer

Faculty, Prof.S.S. Jamsandekar, Mr. M.B.Patil, Dr.A.D.Shinde for extending

their full support.

We would also thank to Mr. R.T.Thorat for helping me and making

the lab available whenever required.

Lastly, we would also thank to our parents and friends who have

helped us directly and indirectly.

Place: Kolhapur

Date:

Miss. Patil Rutuja Ashok

Miss. Patil Urmila Uttam

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INTRODUCTION

The "E Farming portal" has been developed to override the problems prevailing in the practising manual system. This software is supported to eliminate and in some cases reduce the hard ships faced by this existing system.

E-Farming Portal is web application developed for farmers. E Farming is a project developed to build a website which will help farmers from to sell their products to different cities through online. If the farmers have knowledge of computer then they can directly register in the site and sell their products.

We have different types of seeds like fruit seeds, flower seeds, grain seeds, organic seeds, pesticides. This project is done in PHP, CSS language. The project is provided with security i.e. Login form for the registered users and for new users there provided a registration form.

We have use SQL for database connection. In this system only Admin has the authority to make changes i.e. update product price, quantity etc.

Need of Computerization

- 1) Making the product worldwide available.
- 2) Earning maximum profit.
- 3) No need to visit shop.

OBJECTIVES AND SCOPE

Objectives

The main objective of the project on E-Farming portal is to manage the details of products , categories ,customer , order . it manages all the information about products ,payment , order . the purpose of the project is to build and application program to reduce the manual work for managing the product , category , payment . it tracks all the details about product ,customer , order .

Scope

It may help collecting perfect managing in details. In a very short time, the collection will be obvious, simple and sensible, it also helps in current all works relative to E-Farming system. This system is more helpful to farmer in future to sell and busy their products through online instead of manually.

SYSTEM ANALYSIS

System Analysis by definition is a process of systematic investigation for the purpose of gathering data, interpreting the facts, diagnosing the problems and using this information to either build a completely new system or to recommend the improvement to the existing system.

Home Button contains information of all products in short. About page contains information of organisation. Product button contains all the products information available in organisation. Contact button is used to take feedback from user. It has Login button at start of the website.

We collect the information by visiting the organisation, by communicating with owner and employees.

FEASIBILITY STUDY

An important outcome of the preliminary investigation is the determination that the system request is feasible. Feasibility study is carried out to select the best system that meets the performance requirements.

Feasibility study is both necessary and prudent to evaluate the feasibility of the project at the earliest possible time. It involves preliminary investigation of the project and examines whether the designed system will be useful to the organisation. Months or years of efforts, thousands for millions of money and untold professional embarrassment can be averted id an in-conceived system is recognized early in the definition phase.

The different types of feasibility are: Technical feasibility, Operational feasibility, Economical feasibility.

1) Technical feasibility

Technical feasibility deals with the hardware as well as software requirements. Technology is not a constraint to type system development .We have to find out whether the necessary technology, the proposed equipment's have the capacity to hold the data, which is used in the project, should be checked to carry out this technical feasibility.

The technical feasibility issues usually raised during the feasibility stage of investigation includes these

- This software is running in windows 2000 Operating System, which can easily installed.
- The hardware required is Pentium based server.
- The system can be expanded.

2) Behavioural Feasibility

This feasibility test asks if the system will work when it is developed and installed. Operating feasibility in this project.

- The proposed system offers greater level of user-friendliness.
- The proposed system produces best results and gives high performances. It can be implemented easily. So this project is operationally feasible.

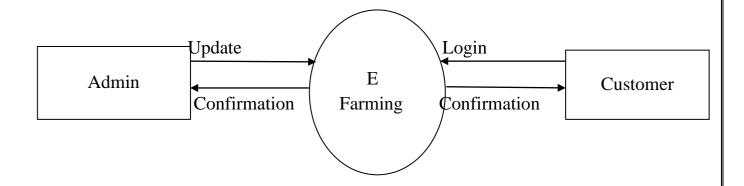
3) Economic feasibility

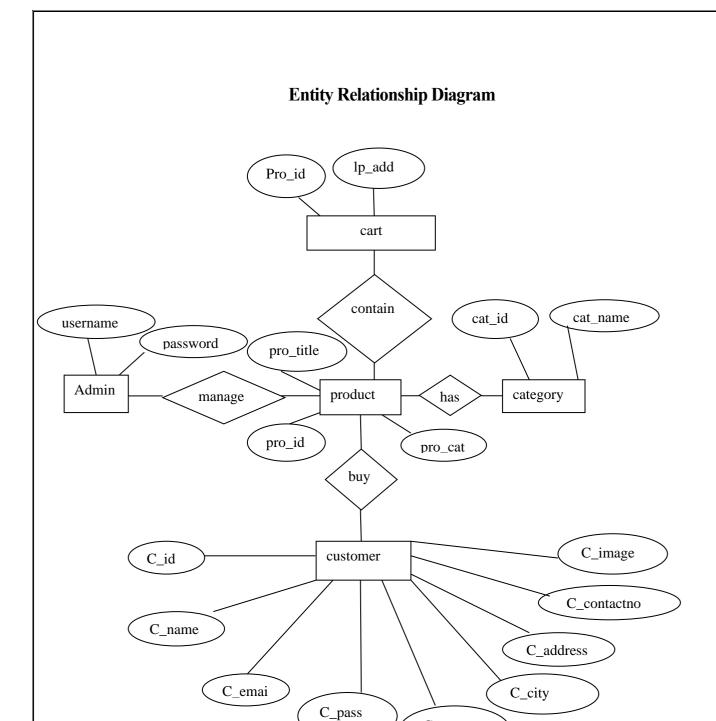
Economically feasibility deals about the economic impact faced by the organization to implement a new system. Financial benefits must equal or exceed the costs. The cost of conducting a full system, including software and hardware cost for the class of application being considered should be evaluated. Economic Feasibility in this project:

- There is no additional manpower requirement.
- There is no additional cost involved in maintaining the proposed system.

SYSTEM DESIGN

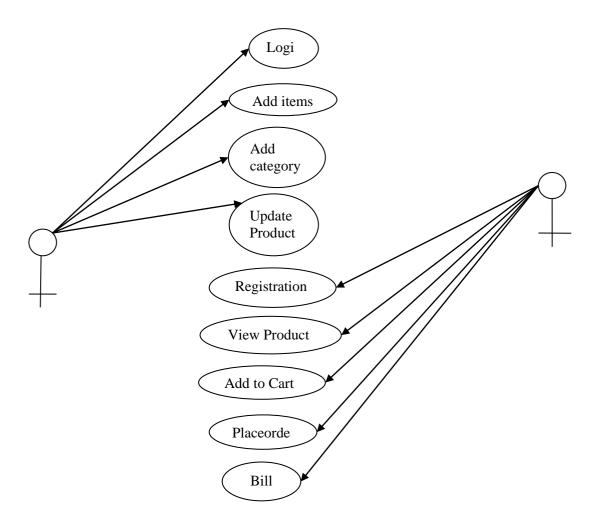
Data Flow Diagram





C_country

Use Case Diagram



SYSTEM REQUIREMENT

1. Hardware Requirement

The computer with following configuration requirement to implement the system.

- 4 GB RAM
- Intel Core i3 Processor
- Hard disk 500GB

2. Software Requirement

- Operating System-Windows XP, Windows 7,10
- PHP
- HTML CSS
- MS-SQL Server
- Browser Google chrome

SOURCR CODE

Index.php:-

```
<!DOCTYPE>
<?php
session_start();
include("functions/functions.php")
?>
<html>
<head>
<title> My Online Shop </title>
 k rel="stylesheet" href="styles/style.css"media="all" />
</head>
<body>
<!-- Main container starts here-->
 <div class="main_warpper">
 <!-- Header starts here-->
   <div class = "header_wrapper">
    <!-- Header ends here-->
    <!-- Navigation Bar starts-->
   <div class="menubar">
   <a href="index.php">Home</a>
   <a href="all_products.php">All Products</a>
   <a href="customer/my_account.php">My Account</a>
   <a href="#">Sign Up</a>
   <a href="cart.php">Shopping Cart</a>
   <a href="#">Contact Us</a>
<div id="form">
```

```
<form method="get" action="results.php" enctype="multipart/form-data">
            <input type="text" name="user_query" / placeholder="search a Products">
            <input type="submit" name="search" value="search"/>
            </form>
           </div>
          </div>
          <!-- Navigation Bar ends-->
          <!-- Content wrapper starts-->
         <div class="content_wrapper">
         <div id="sidebar">
           <div id="sidebar_title">Catagories</div>
           <div id="cats">
            <?php getCats(); ?>
         </div>
        </div>
<div id="content_area">
       <?php cart(); ?>
    <div>
     <div id="shopping_cart">
      <span style="float: right; font-size: 18px; padding: 5px; line-height: 40px;">
                  <?php
                 if(isset($_SESSION['customer_email'])){
                 echo "<b>Welcome:</b>" . $_SESSION['customer_email'] . "<b
style='color:yellow;'>Your</b>";
                 else {
                 echo "<b>Welcome Guest:</b>";
                  ?>
```

```
<b style="color:yellow">Shopping Cart -</b> Total Items: <?php
total_items();?>
                        Total Price: <?php total_price();?> <a href="cart.php"
style="color:yellow">Go to cart</a>
            <?php
             if(!isset($_SESSION['customer_email'])){
                        echo "<a href='checkout.php'
style='color:orange;'>Login</a>";
                        }
                        else {
                        echo "<a href='logout.php'
style='color:orange;'>Logout</a>";
                        }
                        ?>
            </span>
            </div>
           </div>
          <div id="products_box">
            <?php getPro(); ?>
                   <?php getCatPro();?>
          </div>
         </div>
      <!-- Content wrapper ends-->
         <div id="footer">
           <h2 style="text-align-center: padding-top:30px;">&copy; 2020
www.onlineTutting.com</h2>
```

```
</div>
 </div>
     <!-- Main container ends here-->
    </body>
    </html>
All Product.Php:-
           <!DOCTYPE>
   <?php
         session_start();
           include("functions/functions.php")
          ?>
          <html>
          <head>
          <title> My Online Shop </title>
         <link rel="stylesheet" href="styles/style.css"media="all" />
          </head>
         <body>
         <!-- Main container starts here-->
         <div class="main_warpper">
         <!-- Header starts here-->
        <div class = "header_wrapper">
         <!-- Header ends here-->
         <!-- Navigation Bar starts-->
```

<div class="menubar">

```
ul id ="menu">
       <a href="index.php">Home</a>
       <a href="all_products.php">All Products</a>
       <a href="customer/my_account.php">My Account</a>
       <a href="#">Sign Up</a>
       <a href="cart.php">Shopping Cart</a>
       <a href="#">Contact Us</a>
         <div id="form">
          <form method="get" action="results.php" enctype="multipart/form-data">
          <input type="text" name="user_query" / placeholder="search a Products">
          <input type="submit" name="search" value="search"/>
          </form>
         </div>
        </div>
        <!-- Navigation Bar ends-->
        <!-- Content wrapper starts-->
       <div class="content_wrapper">
          <div id="sidebar">
         <div id="sidebar_title">Catagories</div>
         <div id="cats">
          <?php getCats(); ?>
        </div>
          </div>
           <div id="content area">
<div>
<div id="shopping_cart">
 <span style="float: right; font-size: 18px; padding: 5px; line-height: 40px;">
```

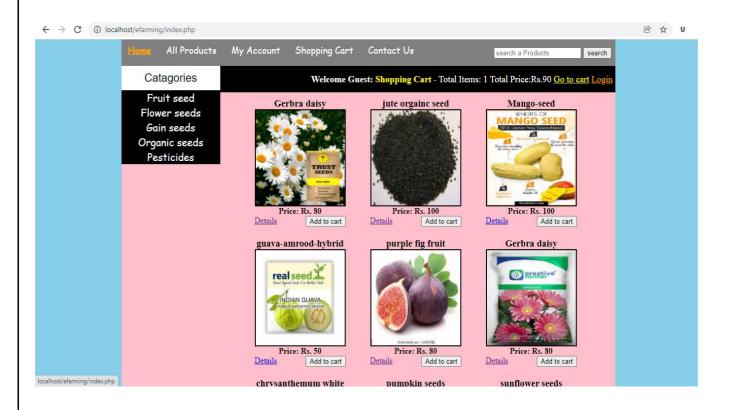
```
<?php
             if(isset($_SESSION['customer_email'])){
             echo "<b>Welcome:</b>" . $_SESSION['customer_email'] . "<b
style='color:yellow;'>Your</b>";
             else {
             echo "<b>Welcome Guest:</b>";
              ?>
             <br/><b style="color:yellow">Shopping Cart -</b> Total Items: <?php
total_items();?>
             Total Price: <?php total_price();?> <a href="cart.php"
style="color:yellow">Go to cart</a>
             <?php
       if(!isset($_SESSION['customer_email'])){
             echo "<a href='checkout.php' style='color:orange;'>Login</a>";
              }
             else {
             echo "<a href='logout.php' style='color:orange;'>Logout</a>";
              }
              ?>
          </span>
      </div>
    </div>
<div id="products_box">
<?php
$get_pro = "select * from products";
$run_pro = mysqli_query($con,$get_pro);
```

```
<b> Rs. $pro_price </b>
       <a href='details.php? pro_id=$pro_id' style='float:left;'>Details</a>
      <a href='index.php?>pro_id=$pro_id'><button style='float:right'>Add to
cart</button></a>
</div>
    }
       ?>
    </div>
   </div>
   <!-- Content wrapper ends-->
   <div id="footer">
     <h2 style="text-align-center: padding-top:30px;">&copy; 2020
www.onlineTutting.com</h2>
     </div>
 </div>
<!-- Main container ends here-->
</body>
</html>
Login.php:-
 <!DOCTYPE>
 <html>
    <head>
        <title>Login Form</title>
 k rel="stylesheet"
 href="styles/login_style.css"
 media="all" />
    </head>
 <body>
```

```
<div class="login">
<h2 style="color:white; text-
align:center;"><?php echo
@$_GET['not_admin']; ?></h2>
<h2 style="color:white; text-
align:center;"><?php echo
@$_GET['logged_out']; ?></h2>
  <h1>Admin Login</h1>
  <form method="post"</pre>
action="login.php">
    <input type="text"</pre>
name="email" placeholder="Email"
required="required" />
    <input type="password"
name="password"
placeholder="Password"
required="required" />
    <button type="submit"
class="btn btn-primary btn-block btn-
large" name="login">Login</button>
  </form>
</div>
</body>
</html>
```

OUTPUT SCREEN AND REPORTS

1) Home page



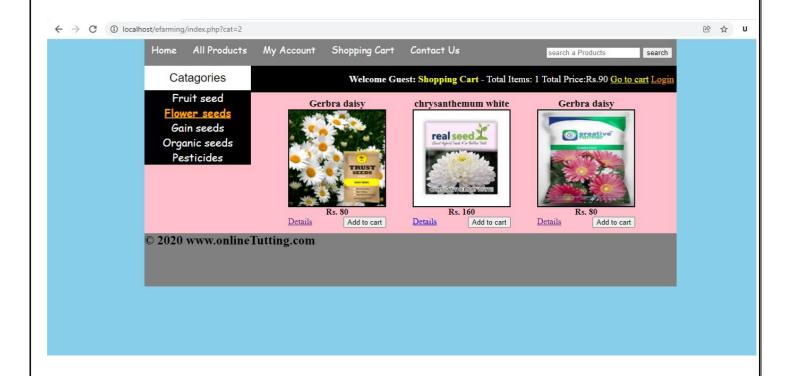


2) All Products

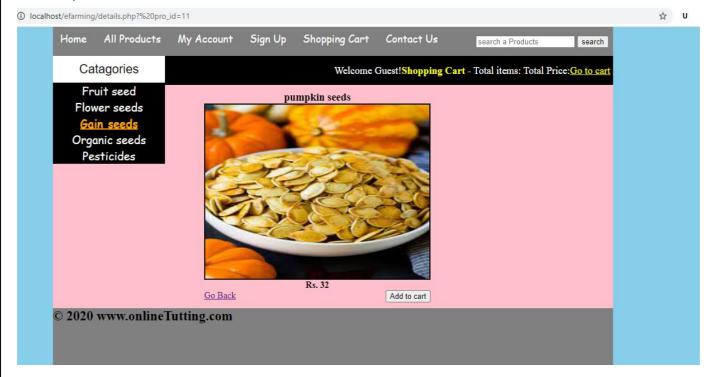




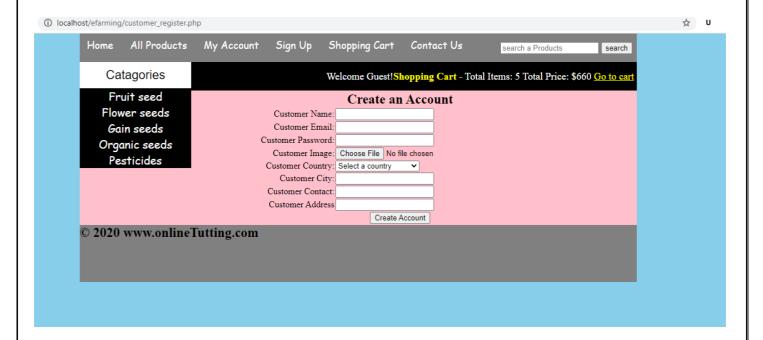
3) Categories



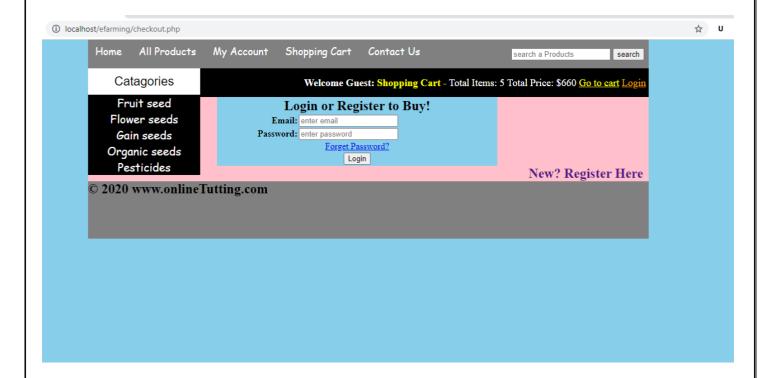
4) Product details



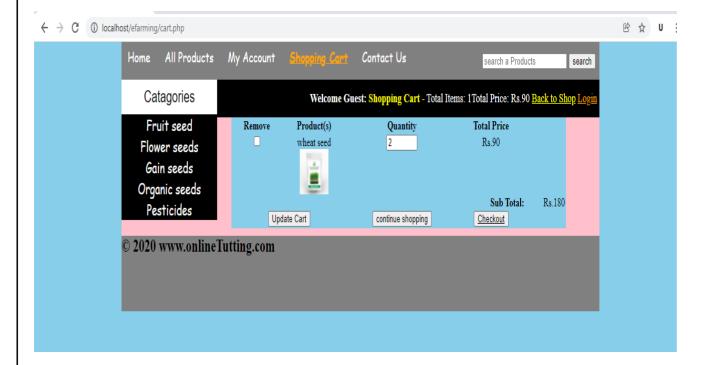
5) Customer registration



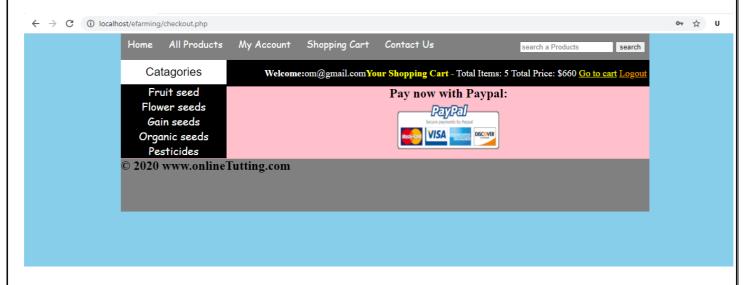
6) Customer login



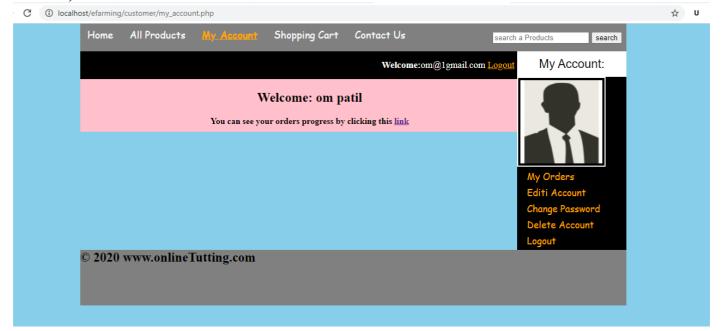
7) Cart item details



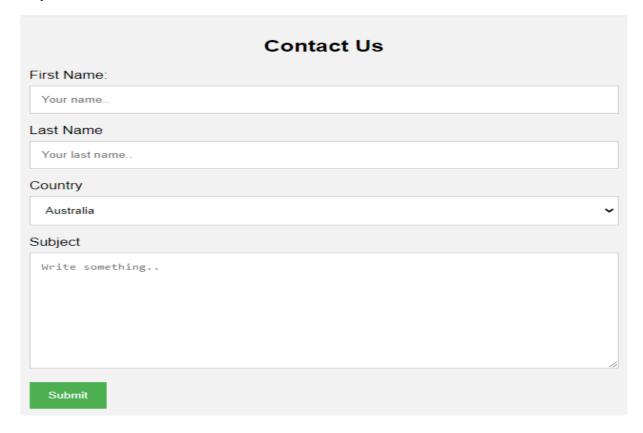
8) Payment screen



9) Customer dashboard

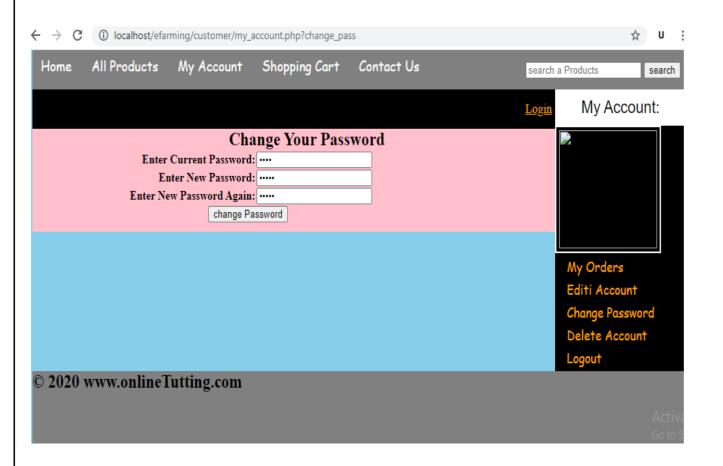


10) Contact us

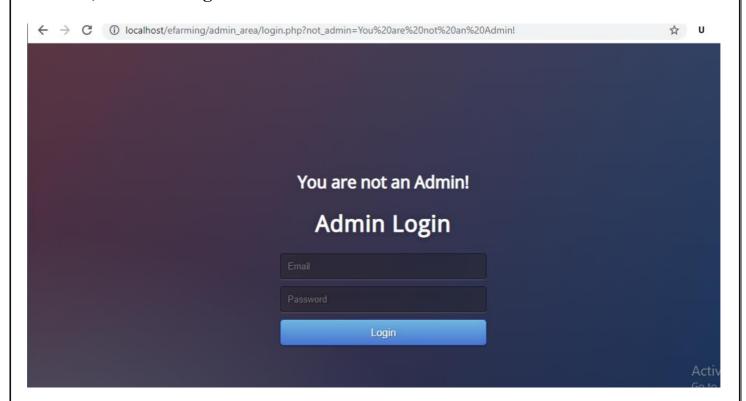


11) Update account $\leftarrow \ \, \rightarrow \ \, \textbf{C} \quad \text{(i)} \ \, \text{localhost/efarming/customer/my_account.php?editi_account}$ Home All Products My Account Shopping Cart Welcome:om@1gmail.com Logo My Account: Update your Account Customer Name: om patil Customer Email: om@1gmail.com Customer Password: -----Customer Image: Choose File No file chosen Customer Country: India Customer City: Islampur Customer Contact: 9579342023 Customer Address A/p-peth,tal-Walwa,Dist-sanç Update Account © 2020 www.onlineTutting.com

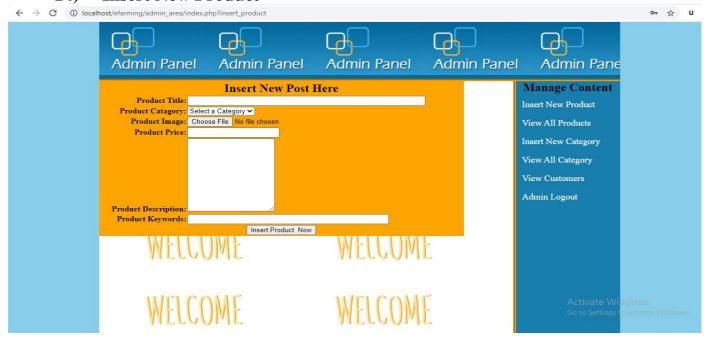
12) Change password



13) Admin Login

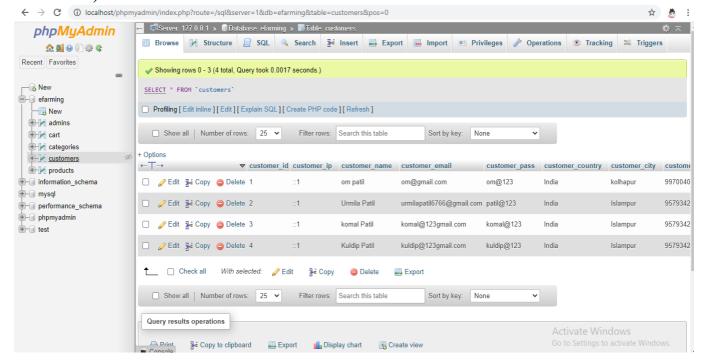


14) Insert New Product

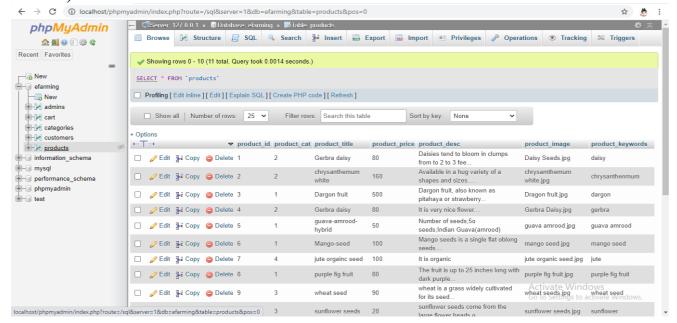


DATABASE REPORT

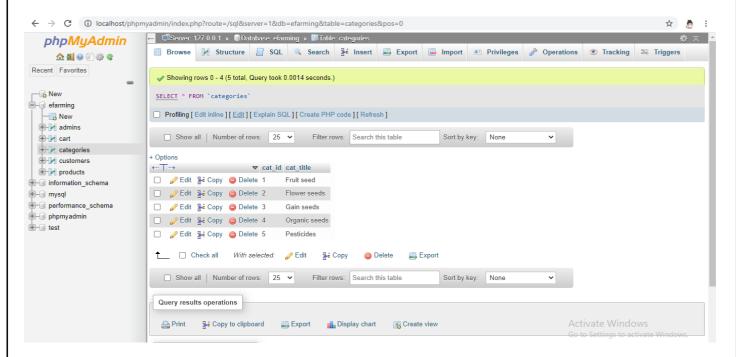
1) Customer table



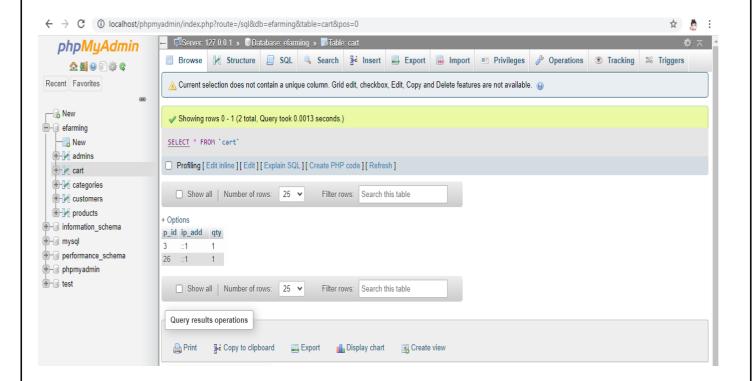
2) Products table



3) Categories table



4) Cart table



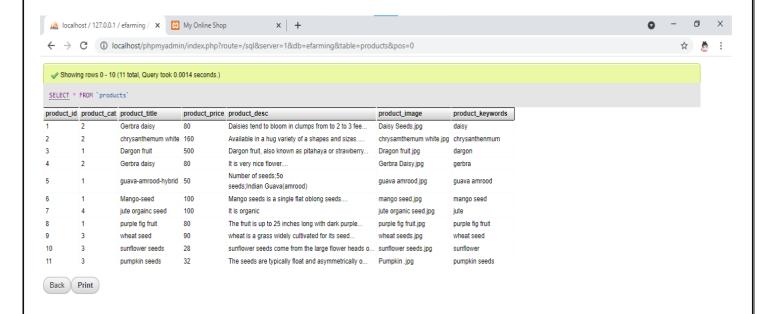
5) Admin table $\begin{tabular}{ll} \begin{tabular}{ll} \beg$ phpMyAdmin 🔢 Browse 🧗 Structure 📙 SQL 🔍 Search 👫 Insert 🗐 Export 🗐 Import 🖭 Privileges 🥜 Operations 💿 Tracking 📽 Triggers Recent Favorites ─ New SELECT * FROM `admins` efarming New ☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh] +- <u>admins</u> ☐ Show all Number of rows: 25 ∨ Filter rows: Search this table Sort by key: None ert cart et categories e contact us ← T→ vuser_id user_email user_pass tustomers - information_schema 🖳 mysql ↑ Check all With selected: Ø Edit ♣ Copy 📦 Delete 🖶 Export 🖶 🕕 performance_schema - phpmyadmin ☐ Show all Number of rows: 25 ▼ Filter rows: Search this table Sort by key: None Query results operations

REPORTS

1) All customers

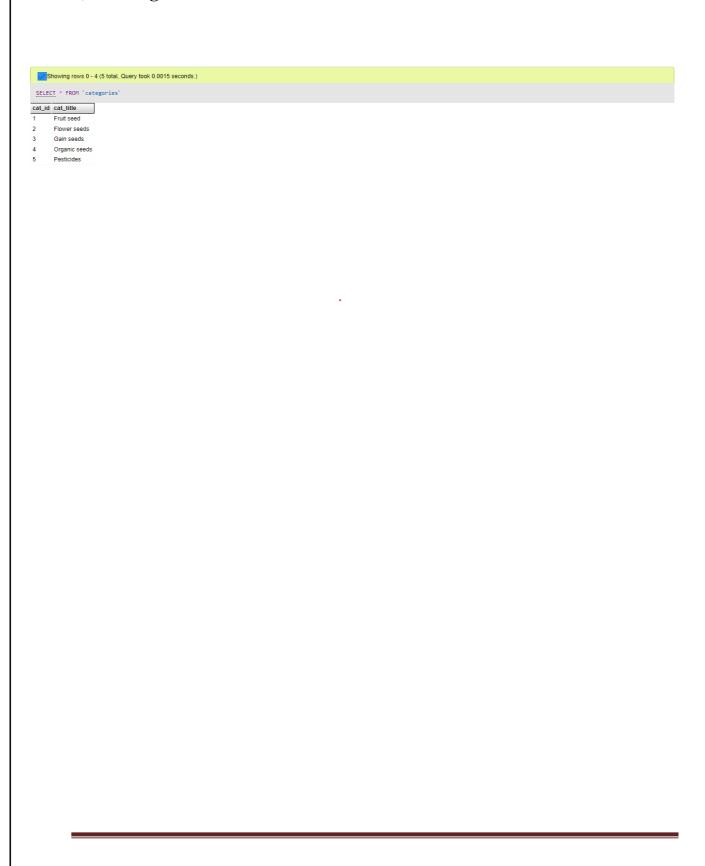


2) All products



Activate Windows
Go to Settings to activate Windows.

3) All categories



FUTURE ENHANCEMENT

- We can add printer in future
- We can give more advance software for online E –Farming portal including more facilities
- We will host the platform on online servers to make it accessible worldwide
- Create the master and slave data base structure to reduce the overload of the database queries
- Implement the backup mechanism for taking backup of code base and database on regular basis on different servers
- E Farming can be implementing by using satellite. With help of satellite communication user can observe the climate conditions of the farm even by sitting at home. Based on the future security issues, security can be improved using emerging technologies.

ADVANTAGES

- 1) Better marketing exposure and pricing.
- 2) Reduction of agriculture risks and enhanced income.
- 3) Farmers can directly sell their products to wholesaler so, they can get more profits.

LIMITATIONS

- 1) It will take more time to the farmer. Even farmers can't get actual profits.
- 2) Transactions are executed in offline mode, hence online data for product type, customers capture and modifications is not possible

CONCLUSION

Finally, this system gives more benefits to the farmers. Without going to market they can sell their products by setting at home also. It acts as an interface to the farmer to do their work easily.

This project will be helpful for Farmers to know more about market information; will act as unique interface of schemes and compensation through this they will be always in touch of new technique and trends of farming.

Bibliography

Site Referred

- 1) www.google.com
- 2) <u>www.w3school.com</u>
- 3) www.youtube.com
- 4) www.freeprojectz.com