**IBRI COLLEGE OF TECHNOLOGY**



Department of Information Technology

**Green**

**Market System**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

A Course Project (ITPJ 2202) Presented to

the Faculty of Information Technology Department

Ibri College of Technology

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

In Partial Fulfillment

of the Requirements in

Diploma Year II

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**APPROVAL SHEET**

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Supervisor

**APPROVED** by the panel on Oral Examination with a grade of \_\_\_\_\_\_\_\_\_\_.

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Assessor Assessor

**Dr. G.Shanmuga Rathinam**  **Mr. Guruprasath**

Moderator Coordinator

**ACCEPTED** as a partial fulfillment of the requirements for Diploma Year II Level, Semester 1, AY 2016-2017.

Approved by:

**Mr. William M. Ancheta Mr. Safik Khan**

HoS – IT Department HoD – IT Department

**DEDICATION**

The satisfaction that accompanies that the successful completion of any task would be incomplete without the mention of people whose ceaseless cooperation made it possible, whose constant guidance and encouragement crown all efforts with success. So let me mention for people who played a very good role in each and every aspect to make sure that this project is done completely and according to the user requirement.

First of all I would like to thank my Head of the Department **MR. Safik Khan** and Head of the Section **Mr.William M.Ancheta** to give me the opportunity to do this project. Secondly I would like to thank my supervisor **Mr.Saravanan**. He plays his role very well as he shows the guidelines and giving some new idea or suggestion to improve my project and complete the project successfully. Also I extend my thanks to all my Lectures and my friends who have supported and encouraged me to complete my project successfully.

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**ABSTRACT**

Green Market System is used to help farmer to view their products in the website .

That will be used by costumer to see their needs such as vegetables ,fruit and grass .

This website will provide pictures for each type . The costumers can see price for each type and the quantity. Costumer can go to the farms and buy what they want .

**CHAPTER 1**

**INTRODUCTION**

* 1. **Background of the Project**

Farmers face many problems nowadays in Oman, they have farms and they produce different type of products. when they want to sell their items they do not find the right way to tell people that they have fresh items .also, they don’t want to sell it to the supermarkets because they may not give them the right price for their products. Actually, this is a very common problem farmers facing, because they work very hard and they might lose their money. Nowadays no body want to work in farms so they make it difficult for them to produce their items and sell it in the right way.

* 1. **Problem Statement**

In this project, we are going to design a system for agricultural products in Oman farms. It will help the farmers to sell their products easily. Therefore, they will not need to go to the market or deliver their products to submarkets or rent places to sell their products. In addition, it will help people to check their needs from the website and give the location of each farm. The website also, will shows the names of the product, pictures and the price for each type. Costumer can search by product name, type, customer can send message to farmer if he wants to buy any product. the farmer will check his message from the website.

**1.3 Objectives of the Project**

**1.3.1General Objective**

This website helps farmers to safe their time and get more profit. From costumer side,

It helps the costumer to get different fresh products.

**1.3.2 Specific Objective**

* Facilities users to access to fresh products.
* It helps farmers to show their agricultural product.
* Farmer can add his products and specify the price and quantity for each item and add more information.
* Farmers can see his specific farm, his information and his message.
* Farmer can delete his products.
* Customers can search for preferred agricultural product without going to the market.
* Customers can know the quantity and price for each product that are available in the farm.
* Customers can know the location of the farm that display the product.

**1.4 Significance of the Study**

**1.4.1 Education significance**

As a student we will learn how to develop a successful project by applying our knowledge gained through the course studied. We will able to transform our knowledge into an application. Courses such as ‘Introduction to Database’, ‘Introduction to Web Technology’,' Web Application Development' ‘Fundamentals Of Multimedia’ and ‘Software Engineering’ are helpful to us in developing ER diagrams, applying system development life cycle and designing various form that interact with database.

* + 1. **Technological significance**

The natural of the PHP is providing the Web pages which make the system flexibility in use and have the easy way of design a suitable user interface.

The improvement in technology nowadays make us to replace the local of our database to make the system more organized and save time for us as students. So, the MY SQL database replaces the MS Access database.

**1.4.3 Target users:**

The proposed project will be useful and serve the farmers and customers.

**CHAPTER 2**

**SYSTEM REQUIREMENTS AND ANALYSIS**

System Requirement and analysis is a process of gathering and interpreting facts, diagnosing problems and the information to recommend improvements on the system. It is a problem solving activity that requires intensive communication between the system users and system developers. The system is viewed as a whole and the input to the system are identified. The outputs from the organizations are traced to the various processes. System analysis is concerned with becoming aware of the problem, identifying the relevant and decisional variables, analyzing and synthesizing the various factors and determining an optimal or at least a satisfactory solution or program of action.

**2.1 Data Gathering Instrument and Methods Use**

To get information about farmers problems to sell their products in the public places. we go to department of agriculture in Ibri .we ask many people for our project to get more information and how to help them to sell their items in the right way.

**2.2 System Requirements Analysis**

**2.2.1 Functional and Non-Functional Requirements**

**2.2.1.1 Functional Requirements**

**2.2.1.1 Functional Requirements**

|  |  |  |
| --- | --- | --- |
|  | **User Requirements** | **System Requirements** |
| 1 | Admin should be able to enter user name and password to get access to the system. | System should be able to accept password and user name and give access to the Admin. |
| 2 | Admin will store the farmers information in database. he will get these information from the agricultural department. | System should be able to store farmer information. |
| 3 | Admin should be able to maintain (add, deleted ) Farmer's information in to the system. | System should accept the new Farmer's information and save in it Database. |
| 4 | Farmers should be able to maintain (add, deleted ) Products information in to the system. | System should accept the Product's information and save in Product's Database. |
| 5 | Costumer should be able view product's information. | System should be able to view product's information. |
| 6 | Costumer should be able search for certain product's by product name and type | System should be able to provide information to customer according to his search data |

**2.2.1.2 Non Functional Requirements**

The following non-functional requirements are applicable and suitable for our project:

* **Usability**: The system is user friendly and easy to use. Each input and output button or label should have clear and understandable names.
* **Security**: System provides user name and password for Administrator and Teachers. Only they can access the respective data and it is secured from others.
* **Maintainability:** The system is able to make changes in future according to the customer requirements.
* **Performance**: The system is able to perform all the operations in required time.
* **Portability**: System can be used in any Operating System.

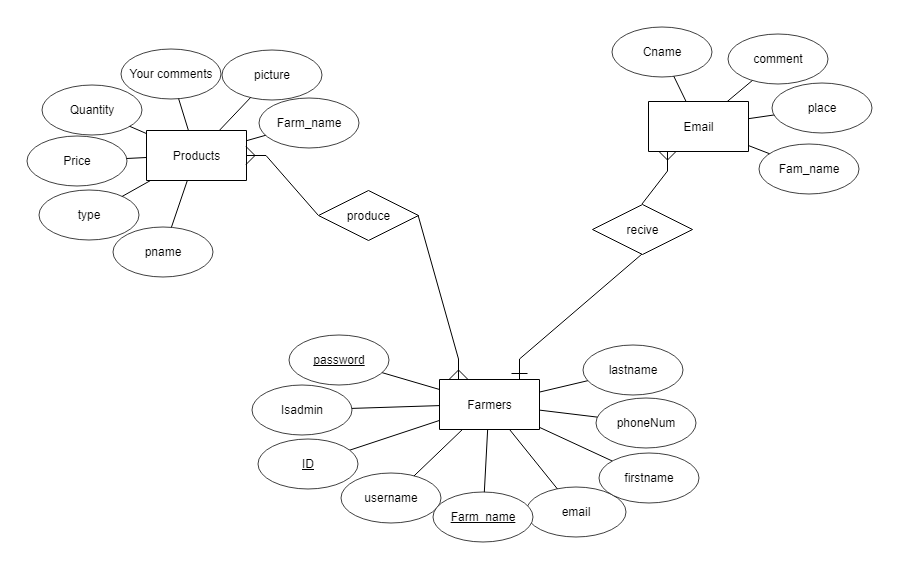
**2.3 Hardware and Software Requirements**

|  |  |
| --- | --- |
| **Hardware Requirements** | |
| Requirements during the development | Requirements for using the system/application |
| Monitor  Keyboard  Mouse  Hard disk 50 GB  RAM 1GB or more  Processor Intel® core™ Duo CPU E8300,@2.83GHz,2.83GHz | Monitor  Keyboard  Mouse  Hard disk 50 GB  RAM 1GB or more  Processor Intel® core™ Duo CPU E8300,@2.83GHz,2.83GHz |

|  |  |
| --- | --- |
| **Software Requirements** | |
| Requirements during the development | Requirements for using the system/application |
| Operating System (Windows 7)  PHP – MYSQL database  Web Browser | Windows 7 or Above  Web Browser |

**CHAPTER 3**

**PROJECT DESIGN**

**3.1 ER Diagram**

Tables

Email:

|  |  |  |
| --- | --- | --- |
| Length | Data type | Column name |
| 20 | varchar | Cname |
| 10 | varchar | Place |
| 20 | Varchar-forigenkey | Fam\_name |
| 200 | varchar | Comment |

Farmers:

|  |  |  |
| --- | --- | --- |
| Length | Data type | Column name |
| 10 | int | ID |
| 20 | varchar | Firstname |
| 20 | varchar | Lastname |
| 8 | int | Email |
| 10 | Varchar | phoneNum |
| 20 | Varchar-primary key | Farm\_name |
| 10 | varchar | Username |
| 10 | int | Password |
| 1 | int | Isadmin |

Products:

|  |  |  |
| --- | --- | --- |
| Length | Data type | Column name |
| 10 | varchar | pname |
| 10 | varchar | type |
| 10 | int | Price |
| 20 | int | Quantity |
| 200 | varchar | Your comments |
| 20 | blob | Picture |
| 10 | Varchar -forignkey | Farm\_name |

**3.2 DFD Diagram**













**CHAPTER 4**

**System Implementation and Testing**

The system implementation phase is the stage of a project during which the theory is converted into practical. The conversion is one of the most crucial and expensive activities in the system development life cycle because the data from the old system needs to be converted to operate in the new format of the new system. Before actually implementing the new system into operation, a test run of the system is done for removing the bugs, if any. It is an important phase of a successful system. After codifying the whole programs of the system, a test plan should be developed and run on a given set of test data. The output of the test run should match the expected results.

**Tools Being Used**

-PHP

- MYSQL

**Description on the Tools Used**

**PHP:** is a server-side scripting language designed primarily for web development but also used as a general-purpose programming language. PHP code is usually processed by a PHP interpreter implemented as a module in the web server.

**MYSQL:** is a relational database management system. A relational database stores data in separate tables rather than putting all the data in one big storeroom. This adds speed and **flexibility.** The SQL part of “MySQL” stands for “Structured Query Language.” SQL is the most common standardized language used to access databases.

***Sample Function and Code:***

**Home page:**

**<html>**

**<head>**

**<title>Bootstrap Example</title>**

**<meta charset="utf-8">**

**<meta name="viewport" content="width=device-width, initial-scale=1">**

**<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">**

**<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>**

**<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>**

**</head>**

**<style type="text/css">**

**section{}**

**h1 {display:inline;**

**font-family:ALGERIAN ;**

**color:blue;**

**font-size:70px;}**

**body{background-image:url("nature.jpg")}**

**button{**

**width:16%;**

**font-family:"Tahoma,Times";**

**text-align:center;**

**font-family:"Times";}**

**marquee{**

**background-color:#339966;**

**font-size:18px;**

**text-shadow:black 8px 8px 15px;**

**font-family:"Script MT Bold";**

**font-style:bold;**

**color:white;**

**padding:5px;}**

**Corbel;**

**</style>**

**<body>**

**<marquee>**

**<div>**

**<img src="8.jpg" height="100" width="100">**

**<img src="11.jpg" height="100" width="100"class="img-circle">**

**<img src="b.jpg" height="100" width="100">**

**<img src="13.jpg" height="100" width="100"class="img-rounded">**

**<img src="14.jpg" height="100" width="100"class="img-circle">**

**<img src="v.jpg" height="100" width="100">**

**<img src="8.jpg" height="100" width="100">**

**<img src="8.jpg" height="100" width="100">**

**<img src="11.jpg" height="100" width="100"class="img-circle">**

**<img src="b.jpg" height="100" width="100">**

**<img src="13.jpg" height="100" width="100"class="img-rounded">**

**<img src="14.jpg" height="100" width="100"class="img-circle">**

**<img src="8.jpg" height="100" width="100">**

**<img src="11.jpg" height="100" width="100"class="img-circle">**

**<img src="b.jpg" height="100" width="100">**

**<img src="13.jpg" height="100" width="100"class="img-rounded">**

**<img src="14.jpg" height="100" width="100"class="img-circle">**

**<img src="v.jpg" height="100" width="100">**

**<img src="1.jpg" height="100" width="100" class="img-circle">**

**<img src="b.jpg" height="100" width="100">**

**<img src="9.jpg" height="100" width="100" class="img-rounded">**

**<img src="7.jpg" height="100" width="100">**

**<img src="10.jpg" height="100" width="100 "class="img-circle">**

**</div></div>**

**</marquee>**

**<div id="id">**

**<img src="mm.png" align="center" width="1400" height="170" >**

**<br>**

**<marquee>Welcome To green marketing system...</marquee>**

**<br><br>**

**<div class="container">**

**<div class="row">**

**<button type="button" class="btn" class="btn-success btn-lg"><div><p class="col-md-2"><a href="HomePage.php"><b>Home</b></a></p>**

**</div></button>**

**<button type="button" class="btn" class="btn-success btn-lg"><div><p class="col-md-2"><a href="aboet\_us.php"><b>about us</b></a></p>**

**</div></button>**

**<button type="button" class="btn" class="btn-success btn-lg"><div><p class="col-md-2"><a href="information1.php"><b>farm information</b></a></p>**

**</div></button>**

**<button type="button" class="btn" class="btn-success btn-lg"><div><p class="col-md-2"><a href="loooogin.php"><b>login</b></a></p>**

**</div></button>**

**<button type="button" class="btn" class="btn-success btn-lg"><div><p class="col-md-2"><a href="display3.php"><b>buy new product</b></a></p>**

**</div></button>**

**<button type="button" class="btn" class="btn-success btn-lg" value="Close this window" onclick="self.close()"><p class="col-md-2"><a><b>log out</b></a></p>**

**</div></div>**

**<br><br></div>**

**<hr>**

**<form class="form-horizontal">**

**<div class="form-group">**

**<div class="container">**

**<video width="220" controls>**

**<source src="v1.mp4" type="video/mp4">**

**</video>**

**<video width="220" controls>**

**<source src="v2.mp4" type="video/mp4">**

**</video>**

**<video width="220" controls>**

**<source src="v3.mp4" type="video/mp4">**

**</video>**

**<video width="220" controls>**

**<source src="v4.mp4" type="video/mp4">**

**</video>**

**<video width="220" controls>**

**<source src="v5.mp4" type="video/mp4">**

**</video></div></div></form>**

**</body>**

**</html>**

**About\_us page :**

**<html lang="en">**

**<title>Bootstrap Example</title>**

**<meta charset="utf-8">**

**<meta name="viewport" content="width=device-width, initial-scale=1">**

**<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">**

**<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>**

**<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>**

**<head>**

**<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">**

**<title>3 Column, Right Menus</title>**

**<style type="text/css">**

**body{**

**margin:0;**

**padding:0;**

**font-family: Sans-Serif;**

**line-height: 1.5em;**

**}**

**#header {**

**background:#BCCE98;**

**height: 100px;**

**}**

**#header h2 {**

**margin: 0;**

**padding-top: 15px;**

**}**

**#mainwrapper {**

**overflow: hidden;**

**}**

**#contentwrapper{**

**float: left;**

**width: 100%;**

**}**

**#content {**

**margin-right:460px; /\* Width of '#rightmenu' and '#leftmenu' combined. \*/**

**padding-bottom:10010px;**

**margin-bottom:-10000px;**

**}**

**#leftmenu {**

**float: left;**

**width: 250px;**

**margin-left: -460px; /\* Width of '#rightmenu' and '#leftmenu' combined. \*/**

**padding-bottom:10010px;**

**margin-bottom:-10000px;**

**background:#F7FDEB;**

**}**

**#rightmenu {**

**float: left;**

**width: 210px;**

**margin-left: -210px;**

**padding-bottom:10010px;**

**margin-bottom:-10000px;**

**background:#DAE9BC;**

**}**

**#footer{**

**clear: left;**

**width: 100%;**

**background:#BCCE98;**

**text-align: center;**

**padding: 5px 0;**

**}**

**.innertube{**

**margin: 15px; /\* Padding for content \*/**

**margin-top: 0;**

**}**

**p {**

**color: #555;**

**}**

**nav ul {**

**list-style-type:none;**

**margin: 0;**

**padding: 0;**

**}**

**nav ul a {**

**color: darkgreen;**

**text-decoration:none;**

**}**

**#id{**

**background-image:url(nature.jpg);**

**font-family:"Tahoma,Times";**

**font-size:14px;**

**color:white;**

**}**

**button{**

**width:16%;**

**font-family:"Tahoma,Times";**

**text-align:center;**

**font-family:"Times";**

**}**

**marquee{**

**background-color:#339966;**

**font-size:18px;**

**text-shadow:black 8px 8px 15px;**

**font-family:"Script MT Bold";**

**font-style:bold;**

**color:white;**

**padding:5px;}**

**</style>**

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

**</script>**

**</head>**

**<body>**

**<marquee>**

**<div>**

**<img src="8.jpg" height="100" width="100">**

**<img src="11.jpg" height="100" width="100"class="img-circle">**

**<img src="b.jpg" height="100" width="100">**

**<img src="13.jpg" height="100" width="100"class="img-rounded">**

**<img src="14.jpg" height="100" width="100"class="img-circle">**

**<img src="v.jpg" height="100" width="100">**

**<img src="8.jpg" height="100" width="100">**

**<img src="8.jpg" height="100" width="100">**

**<img src="11.jpg" height="100" width="100"class="img-circle">**

**<img src="b.jpg" height="100" width="100">**

**<img src="13.jpg" height="100" width="100"class="img-rounded">**

**<img src="14.jpg" height="100" width="100"class="img-circle">**

**<img src="8.jpg" height="100" width="100">**

**<img src="11.jpg" height="100" width="100"class="img-circle">**

**<img src="b.jpg" height="100" width="100">**

**<img src="13.jpg" height="100" width="100"class="img-rounded">**

**<img src="14.jpg" height="100" width="100"class="img-circle">**

**<img src="v.jpg" height="100" width="100">**

**<img src="1.jpg" height="100" width="100" class="img-circle">**

**<img src="b.jpg" height="100" width="100">**

**<img src="9.jpg" height="100" width="100" class="img-rounded">**

**<img src="7.jpg" height="100" width="100">**

**<img src="10.jpg" height="100" width="100 "class="img-circle">**

**</div></div>**

**</marquee>**

**<div id="id">**

**<img src="mm.png" align="center" width="1400" height="200" >**

**<br>**

**<marquee>Welcome To green marketing system...</marquee>**

**<br><br>**

**<div class="container">**

**<div class="row">**

**<button type="button" class="btn" class="btn-success btn-lg"><div><p class="col-md-2"><a href="HomePage.php"><b>Home</b></a></p>**

**</div></button>**

**<button type="button" class="btn" class="btn-success btn-lg"><div><p class="col-md-2"><a href="aboet us.php"><b>about us</b></a></p>**

**</div></button>**

**<button type="button" class="btn" class="btn-success btn-lg"><div><p class="col-md-2"><a href="information1.php"><b>farm information</b></a></p>**

**</div></button>**

**<button type="button" class="btn" class="btn-success btn-lg"><div><p class="col-md-2"><a href="loooogin.php"><b>login</b></a></p>**

**</div></button>**

**<button type="button" class="btn" class="btn-success btn-lg"><div><p class="col-md-2"><a href="upload.php"><b>buy new product</b></a></p>**

**</div></button>**

**<button type="button" class="btn" class="btn-success btn-lg" value="Close this window" onclick="self.close()"><p class="col-md-2"><a><b>log out</b></a></p>**

**</div></div>**

**<br><br>**

**</div>**

**<header id="header">**

**<div class="innertube">**

**<h2 align="center"> About Us </h2>**

**</div>**

**</header>**

**<div id="mainwrapper">**

**<div id="contentwrapper">**

**<div id="content">**

**<div class="innertube">**

**<h2> Background of the Project </h2>**

**<p>Farmers face many problems nowadays in Oman, they have farms and they produce different type of products .**

**when they want to sell their items they do not find the right way to tell people that they have fresh items .**

**also, they don’t want to sell it to the supermarkets because they may not give them the right price for their products.**

**Actually, this is a very common problem farmers facing, because they work very hard and they might lose their money.**

**Nowadays no body want to work in farms so they make it difficult for them to produce their items and sell it in the right way.**

**</p>**

**<h2> Problem Statement </h2>**

**<p>In this project, we are going to design a system for agricultural products in Oman farms. It will help the farmers to sell their products easily.**

**Therefore, they will not need to go to the market or deliver their products to submarkets or rent places to sell their products.**

**In addition, it will help people to check their needs from the website and give the location of each farm. The website also,**

**will shows the names of the product, pictures and the price for each type. Costumer can search by product name, city name or location.**

**</p>**

**</div>**

**</div>**

**</div>**

**<nav id="leftmenu">**

**<div class="innertube">**

**<p><script type="text/javascript">generateText(5)</script></p>**

**</div>**

**</nav>**

**<nav id="rightmenu">**

**<div class="innertube">**

**<h3>Agriculture</h3>**

**<img src="in1.JPG" class="JPG-rounded" width="188" height="330" >**

**<h3>agricultural regions</h3>**

**<img src="in2.JPG" class="JPG-rounded" width="188" height="330" >**

**<h3>References</h3>**

**<ul>**

**<li><a href="#https://en.wikipedia.org/wiki/Agriculture\_in\_Oman">Reference 1</a></li>**

**<li><a href="#https://www.mordorintelligence.com/industry-reports/agriculture-in-oman-industry">Reference 2</a></li>**

**</ul>**

**</div>**

**</nav>**

**</div>**

**<footer id="footer">**

**<div class="innertube">**

**<p>Green marketing system</p>**

**</div>**

**</footer>**

**</body>**

**</html>**

**Information page:**

**<header id="header">**

**<div class="innertube">**

**<h1 align="center">the information</h1>**

**</div>**

**</header>**

**<div id="mainwrapper">**

**<div id="contentwrapper">**

**<div id="content">**

**<div class="innertube">**

**<h2>Agriculture</h2>**

**<p>Agriculture in Oman has been important for centuries.**

**The government's economic development policy emphasizes**

**the expansion of such non-oil sectors as agriculture, fishing, industry,**

**and mining in its bid to diversify the economy and diminish its dependence on oil exports.**

**The goal is to establish a sustainable economic base in preparation for the time when hydrocarbon reserves are depleted.**

**The government launched several economic campaigns, naming 1988 and 1989 as Years of Agriculture**

**and 1991 and 1992 as Years of Industry. Through these campaigns, the government has encouraged private-sector**

**investment by allocating generous amounts of cash support for private industry to be disbursed mainly through official**

**development banks. For example, the Oman Bank for Agriculture and Fisheries, created in 1981, extends loans at concessionary**

**rates to individuals for whom farming or fishing is the principal activity. The bank acts as a distributive institution,**

**receiving an interest subsidy from the government. In 1990 there were 1,308 loans, totaling RO4.7 million. Development programs**

**also incorporate the government's policy of indigenization, with a large component of funds.</p>**

**<h2>agricultural regions</h2>**

**<p>Oman has five distinct agricultural regions. Going roughly from north to south,**

**they include the Musandam Peninsula, the Al Batinah coast, the valleys and the high plateau of the eastern region, the interior oases, and**

**Dhofar region, along the narrow coastal strip from the border with Yemen to Ras Naws and the mountains to the north.**

**In the early 1990s, interior farming areas accounted for more than one-half of the country's cultivated land. Rainfall, although greater**

**in the interior than along the coast, is insufficient for growing crops. Most of the water for irrigation is obtained through the falaj system,**

**in which a vertical shaft is dug from the surface to reach water in porous rock. From the bottom of this shaft, a gently sloping tunnel is dug**

**to tap the water and allow it to flow to a point on the surface at a lower level or into a cistern or underground pool from which it can be lifted**

**by bucket or pump.**

**</p>**

**<h2>increase agricultural production</h2>**

**</h2>**

**<p>Oman is continuously trying to increase their agricultural production despite of water problems. They have increased their Wheat, Barley and**

**Sorghum production in recent years. Millet and Maize are not produced in Oman. Oman is famous for producing very high quality agricultural goods**

**and most of the exports goes to Neighboring GCC countries. Outdated technology and increase in Salinity of water are major threats for agriculture in Oman.**

**Agriculture production of Oman constitutes of mainly dates, vegetables and fruits and other crops in a minor quantity. Oman has planted dates in**

**35,000 hectares of land and 28,000 hectare for other crops including 11,000 hectares planted with rotational crops. In the years of good rain, corn**

**is also grown. Fruits like banana and papaya are also grown in coastal regions. Oman has increased its barley, sorghum and wheat production in recent**

**years but do not produce millet, maize at all. Sorghum production is increased significantly from 2008 to 2013, from 2008 to 2009, Sorghum production was**

**increased by XXX%.**

**</p></div>**

**</div>**

**</div>**

**<nav id="leftmenu">**

**<div class="innertube">**

**<p><script type="text/javascript">generateText(5)</script></p>**

**</div>**

**</nav>**

**<nav id="rightmenu">**

**<div class="innertube">**

**<h3>Agriculture</h3>**

**<img src="in1.JPG" class="JPG-rounded" width="188" height="330" >**

**<h3>agricultural regions</h3>**

**<img src="in2.JPG" class="JPG-rounded" width="188" height="330" >**

**<h3>References</h3>**

**<ul>**

**<li><a href="#https://en.wikipedia.org/wiki/Agriculture\_in\_Oman">Reference 1</a></li>**

**<li><a href="#https://www.mordorintelligence.com/industry-reports/agriculture-in-oman-industry">Reference 2</a></li>**

**</ul>**

**</div>**

**</nav>**

**</div>**

**<footer id="footer">**

**<div class="innertube">**

**<p>Green marketing system</p>**

**</div>**

**</footer></body></html>**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**View Farmer page from Admin:**

**<html lang="en">**

**<head><title>Bootstrap Example</title>**

**<meta charset="utf-8"><meta name="viewport" content="width=device-width, initial-scale=1">**

**<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">**

**<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>**

**<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>**

**<style>**

**/\* The Modal (background) \*/**

**.modal {**

**display: none; /\* Hidden by default \*/**

**position: fixed; /\* Stay in place \*/**

**z-index: 1; /\* Sit on top \*/**

**left: 0;**

**top: 0;**

**width: 100%; /\* Full width \*/**

**height: 100%; /\* Full height \*/**

**overflow: auto; /\* Enable scroll if needed \*/**

**background-color: rgb(0,0,0); /\* Fallback color \*/**

**background-color: rgba(0,0,0,0.4); /\* Black w/ opacity \*/**

**padding-top: 60px;**

**}body{**

**background-color:#ccff99;}table { border-collapse:collapse; width: 100%;}**

**th, td { text-align: left;padding: 8px;}**

**tr:nth-child(even){background-color: #f2f2f2}**

**th { background-color: #4CAF50; color: white;}h1{**

**text-align:center;**

**font-family:"Algerian";**

**text-shadow:black 8px 8px 15px;**

**background-color:#4d9900;**

**color:white;**

**height:140px;**

**padding:35px;**

**}h4{**

**font-family:"Times New Roman (Headings CS)";**

**text-shadow:black 8px 8px 15px;**

**}</style> </head> <body> <h1>Farmer Information</h1>**

**<div class="table-responsive table-hover table-striped">**

**<table class="table">**

**<thead> <tr> <th>#</th> <th>civel-ID</th><th>firstName</th><th>lastName</th>**

**<th>Email</th><th>phone number</th>**

**<th>farm\_name</th></tr</thead><tbody> <?php**

**$hostname="localhost";**

**$username="root";**

**$password="";**

**$databasename="project";**

**//connect to the database**

**$db=new mysqli($hostname,$username,$password,$databasename);**

**if($db->connect\_errno > 0){**

**die('Unable to connect to database'.$db->connect\_error);**

**}echo 'Connected successfully';**

**$sql="SELECT \* FROM formal";**

**if(!$result = $db->query($sql)){ //execute the SQL query**

**die('There was an error running the query ' .$db->error);**

**}**

**$count=1;**

**while($row =$result->fetch\_array(MYSQL\_BOTH)){**

**echo"<tr>";**

**echo"<td>$count</td>";**

**echo"<td>{$row['id']}</td>";**

**echo"<td>{$row['firstname']}</td>";**

**echo"<td>{$row['lastname']}</td>";**

**echo"<td>{$row['email']}</td>";**

**echo"<td>{$row['phoneNum']}</td>";**

**echo"<td>{$row['farm\_name']}</td>";**

**echo"</tr>";**

**$count++;**

**}?></tbody></table><center>**

**<br><br><h4>add new farmer and delete an existing farmer</h4>**

**<button onclick="document.getElementById('id01').style.display='block'" width="20"> delete </button><button style="width:auto;"><a href="insert2.php">ADD</a></button>**

**<button><a href="HomePage.php">HOME PAGE</a></button><br>**

**<div id="id01" class="modal">**

**<form class="modal-content animate" method="post" action="viewfarmer.php">**

**<div class="imgcontainer">**

**<span onclick="document.getElementById('id01').style.display='none'" class="close" title="Close Modal">&times;</span>**

**</div> <div class="container">**

**<br><br>Civil ID <input type="text" name="id" id="id" /><br><br>**

**<div class="container">**

**<input type="submit" value="Delete">**

**<br><br></div> </div> </form></div><script>**

**// Get the modal**

**var modal = document.getElementById('id01');**

**// When the user clicks anywhere outside of the modal, close it**

**window.onclick = function(event) {**

**if (event.target == modal) {**

**modal.style.display = "none"; }}</script> <?php**

**/\*delete data of farmer information from database\*/**

**if(isset($\_POST['id'])){**

**$id=$\_POST['id']**

**$conn=mysqli\_connect('localhost','root','','project');**

**$query="DELETE FROM formal WHERE id=".$id."";**

**$result=mysqli\_query($conn,$query);**

**if($result>=1){**

**echo"<script>alert(' Information deleted successfully')</script>";}else{**

**echo"<script>alert('Information not deleted successfully')</script>";} ?>**

**</body></center></html></center></div></body></html>**

**Delete Farmer:**

<html>

<center>

<body bgcolor="#ccffcc">

<form method="post" action="">

<br>

Civil ID

<input type="text" name="id" id="id" class="form-control" /><br>

<input type="submit" value="Delete">

</form>

<?php /\*delete data of farmer information from database\*/

if(isset($\_POST['id'])){$id=$\_POST['id'];

$conn=mysqli\_connect('localhost','root','','project');

$query="DELETE FROM formal WHERE id=".$id."";

$result=mysqli\_query($conn,$query);

if($result>=1)

{echo"<script>alert(' Information deleted successfully')</script>";

}else{echo"<script>alert('Information not deleted successfully')</script>";}} ?>

</body></center></html>

**Add\_Farmer page:**

<html>

<head>

<title>Bootstrap Example</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>

<style>

body{

background-image:url(nature.jpg);

font-family:"Tahoma,Times";

font-size:14px;

color:black;

}

h1{

background-image:url(green1.jpg);

text-align:center;

text-shadow:black 8px 8px 15px;

width:1364px;

height:100px;padding:30px;

color:white;}</style><script>

function valedetename()

{var firstname= document.forms["form1"]["firstname"].value;

if (firstname=="")

{alert("please fill civil ID ");

return false ;}

var FarmerName= document.forms["form1"]["FarmerName"].value;

if (FarmerName==""){alert("please fill email ");return false ;}}</script></head>

<body><center> <div class="container"><h1>Adding new farmer</h1>

<button><a href="viewfarmer.php">farmer data</a></button><br><br><br> <br>

<form class="form-horizontal" class="wall" name="form1" method="POST" action="" onsubmit="return valedetename()">

<div class="form-group">

<label class="control-lable col-md-2">civil ID</label>

<div class="col-md-10" for="firstname">

<input type="text" name="id" id="civil\_id" class="form-control"></input>

</div></div><div class="form-group">

<label class="control-lable col-md-2" for="FarmerName">firstName</label>

<div class="col-md-10" >

<input type="text" name="firstname" id="first" class="form-control"></input>

</div></div><div class="form-group">

<label class="control-lable col-md-2" for="lastName">lastName</label>

<div class="col-md-10" >

<input type="text" name="lastname" id="laststname" class="form-control"></input>

</div></div><div class="form-group">

<label class="control-lable col-md-2" for="email">Email address</label>

<div class="col-md-10" >

<input type="email" name="email" id="email" class="form-control" placeholder="enter your email" ></input>

</div></div>

<div class="form-group">

<label class="control-lable col-md-2" for="number">phon Number</label>

<div class="col-md-10" >

<input type="number" name="phoneNum" id="phoneNum" class="form-control" ></input>

</div></div>

<div class="form-group">

<label class="control-lable col-md-2" for="farm\_name">farm\_name</label>

<div class="col-md-10" >

<input type="text" name="farm\_name" id="farm\_name" class="form-control" ></input>

</div></div><div class="form-group">

<label class="control-lable col-md-2" for="number">username</label>

<div class="col-md-10" >

<input type="text" name="username" id="username" class="form-control" ></input>

</div></div> <div class="form-group">

<label class="control-lable col-md-2" for="number">password</label>

<div class="col-md-10" >

<input type="password" name="password" id="password" class="form-control" ></input>

</div></div>

<div class="form-group">

<label class="control-lable col-md-2" for="number">isadmin</label>

<div class="col-md-10" >

<input type="password" name="isadmin" id="isadmin" class="formcontrol"></input></div></div><div class="form-group">

<input type="submit" value="SEND" name="SEND"></div></form></div><?php

/\*insert data of hostel information into database\*/if(isset($\_POST['SEND'])){

$id=$\_POST['id'];

$firstname = $\_POST['firstname'];

$lastname=$\_POST['lastname'];

$email = $\_POST['email'];

$phoneNum= $\_POST['phoneNum'];

$farm\_name= $\_POST['farm\_name'];

$username= $\_POST['username'];

$password= $\_POST['password'];

$isadmin= $\_POST['isadmin'];

@$conn=mysql\_connect('localhost','root','');mysql\_select\_db("project");

$query="INSERT INTO formal (id, firstname, lastname, email, phoneNum, farm\_name, username, password, isadmin) VALUES ($id,'$firstname','$lastname','$email',$phoneNum,'$farm\_name','$username',$password,$isadmin)";

$result=mysql\_query($query) or trigger\_error(mysql\_error()." in ".$query);

echo "<script language=javascript>alert('Information Added')</script>";}?></center></body></html>

**Add\_product page(upload2.php):**

**<html><head>**

**<title>Bootstrap Example</title>**

**<meta charset="utf-8"> <meta name="viewport" content="width=device-width, initial-scale=1">**

**<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">**

**<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>**

**<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script> <style>**

**body{background-color:#ccff99; } </style></head>**

**<body><center><h2>your file:</h2>**

**<button><a href="search4.php">your information</a></button><br>**

**<hr><br></center><div>**

**<button><a href="display3.php">display products<a/><button><br></div>**

**<br><center><h2>Add products</h2></center>**

**<div class="container">**

**<div class="well well-lg">**

**<form name="stud" id ="f1" action="" onsubmit="return validateform()" method="post" enctype="multipart/form-data" class="form-horizontal"><br><center>**

**<div class="form-group">**

**<b><i><label class="control-lable col-md-2">id:</label></i></b>**

**<div class="col-md-8"><input class="form-control" type="text" name="id" value="">**

**</div></div><br><br><div class="form-group">**

**<b><i><label class="control-lable col-md-2">product name:</label></i></b><div class="col-md-8"><input class="form-control" type="text" name="pname" value=""></div></div><br><br>**

**<div class="form-group">**

**<b><i><label for="se" class="control-lable col-md-2">Type:</label></i></b>**

**<div class="col-md-8">**

**<select class="from-contor" id="list" title="select the type" name="type" placeholder="select the type">**

**<option selected>Fruites</option>**

**<option>Vegtables</option>**

**<option>Others</option> </select>**

**</div></div> <br><br><div class="form-group"><b><i><label class="control-lable col-md-2">The price(kg/OMR):</label></i></b><div class="col-md-8">**

**<input class="form-control" type="text" name="price" value="">**

**</div></div><br><br><div class="form-group">**

**<b><i><label class="control-lable col-md-2">Quantity /(kg):</label></i></b>**

**<div class="col-md-8">**

**<input class="form-control" type="text" name="quantity" value="10"></div></div><br><br>**

**<div class="form-group"><b><i><label class="control-lable col-md-2">your\_comments:</label></i></b>**

**<div class="col-md-8">**

**<textarea class="form-control" name="your\_comments" rows="4" cols="50"></textarea></div></div><br><br>**

**<div class="form-group"><b><i><label class="control-lable col-md-2">farm name:</label></i></b>**

**<div class="col-md-8">**

**<input class="form-control" type="text" name="farm\_name" value=""></div></div><br><br>**

**<div class="form-group">**

**<b><i><label class="control-lable col-md-2"> Select image to upload:</label></i></b>**

**<div class="col-md-8">**

**<input class="form-control" type="file" name="fileToUpload" id="fileToUpload" >**

**</div></div><br>**

**<input type="submit" value="Add product" name="submit1">**

**</center>**

**</form>**

**</div></div>**

**<?php**

**if(isset($\_POST['submit1'])){$id=$\_POST['id'];**

**$pname=$\_POST['pname'];**

**$type=$\_POST['type'];**

**$price=$\_POST['price'];**

**$your\_comments=$\_POST['your\_comments'];**

**$farm\_name=$\_POST['farm\_name'];**

**$quantity=$\_POST['quantity'];**

**$target\_dir ="uploade/";**

**$target\_file = $target\_dir. basename($\_FILES["fileToUpload"]["name"]);**

**$uploadOk = 1;**

**$imageFileType= strtolower(pathinfo($target\_file,PATHINFO\_EXTENSION));if (file\_exists($target\_file)){**

**echo "Sorry, file already exists.Change the file name and submit again ";**

**$uploadOk= 0;}**

**if($imageFileType != "png" && $imageFileType != "jpg"){**

**echo "Sorry, only png and jpg image allowed.";**

**$uploadOk=0;**

**}if ($uploadOk==0)**

**{echo" Sorry,your file was not uploaded.";}else {**

**if (move\_uploaded\_file($\_FILES["fileToUpload"]["tmp\_name"], $target\_file))**

**{**

**$x=$target\_dir.$\_FILES["fileToUpload"]["name"];**

**echo "The file ".basename($\_FILES["fileToUpload"]["name"])." has been uploaded";**

**$conn=mysqli\_connect('localhost','root','','project');**

**$query="INSERT INTO product(id,pname,type,price,quantity,your\_comments,farm\_name,picture)VALUES($id,'$pname','$type',$price,$quantity,'$your\_comments','$farm\_name','$x')";**

**echo "<br>".$query;**

**$result=mysqli\_query($conn,$query);}Else**

**{echo " Sorry,there was an error uploading your image.";}}}?>**

**Display product to farmer:**

**<html><head></head><body><style>**

**body { background-color:LightGray; }**

**</style>**

**<button><a href="loc5.php">location farm</a></button><br>**

**<center>**

**<h1>List of product</h1>**

**<button><a href="search3.php">search in product</a></button><br><hr><br>**

**<form action="<?php $\_SERVER['PHP\_SELF'] ?>" method="POST">**

**<table border="1">**

**<tr><th></th><th>product name</th><th>type</th><th>price</th><th>quantity</th><th>your\_comments</th><th>farm\_name</th><th>picture</th></tr>**

**<?php**

**$con=mysqli\_connect("localhost","root","","project");**

**//mysqli\_select\_db($con,"project");**

**$query="SELECT \* FROM product";**

**$result=mysqli\_query($con,$query);**

**while($row=mysqli\_fetch\_array($result)){**

**echo "<tr>";**

**$ID=$row[0];**

**echo "<td><input type='checkbox' name='check[$ID]'/></td>";**

**echo "<td>".$row['pname']."</td>";**

**echo "<td>".$row['type']."</td>";**

**echo "<td>".$row['price']."</td>";**

**echo "<td>".$row['quantity']."</td>";**

**echo "<td>".$row['your\_comments']."</td>";**

**echo"<td><a href=farm\_detail.php?value=".$row['farm\_name'].">Farm Details</a>"."<br>".$row['farm\_name']."</td>";**

**echo "<td><img src=".$row['picture']." height=200px width=200px /></td>";echo "</tr>"; }**

**mysqli\_close($con); ?></table></form></body></html>**

**Location Page:**

**<!DOCTYPE html>**

**<html><head>**

**<title>Simple Map</title>**

**<meta name="viewport" content="initial-scale=1.0">**

**<meta charset="utf-8">**

**<style>**

**/\* Always set the map height explicitly to define the size of the div**

**\* element that contains the map. \*/**

**#map {**

**height: 100%;**

**}**

**/\* Optional: Makes the sample page fill the window. \*/**

**html, body {**

**height: 100%;**

**margin: 0;**

**padding: 0;**

**} </style>**

**</head> <body>**

**<div id="map"></div>**

**<script> var map; function initMap() {**

**var myLatLng = {lat: 23.2580141, lng: 56.4046325};**

**var myLatLng2 = {lat: 23.2580141, lng: 56.5746325};**

**var myLatLng3 = {lat: 23.4980141, lng: 56.5046325};**

**var myLatLng4 = {lat: 23.3380141, lng: 56.3446325};**

**var myLatLng5 = {lat: 23.6180141, lng: 56.6646325};**

**var map = new google.maps.Map(document.getElementById('map'), {**

**zoom: 10, center: myLatLng });**

**var marker = new google.maps.Marker({ position: myLatLng, map: map,**

**title:'al sulaif farm'});var marker1 = new google.maps.Marker({**

**position: myLatLng2,**

**map: map,title:'Al Araqi farm'**

**}); var marker1 = new google.maps.Marker({**

**position: myLatLng3, map: map,**

**title:'shapap farm'**

**}); var marker1 = new google.maps.Marker({**

**position: myLatLng4,**

**map: map,title:'As Subaykhi farm'**

**});var marker1 = new google.maps.Marker({**

**position: myLatLng5, map: map,**

**title:'ibri farm' });} </script>**

**<script src="https://maps.googleapis.com/maps/api/js?key= AIzaSyD9fqndvjEK2fcp8B3TkGozP25DTvsYWfs&callback=initMap"**

**async defer></script>**

**</body>**

**</html>**

**Search product by type and name:**

**<body><meta charset="UTF-8">**

**<meta name="viewport" content="width=device-width, initial-scale=1">**

**<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">**

**<style>**

**table {**

**border-collapse: collapse;**

**width: 50%;**

**}th, td {**

**text-align: left;**

**padding: 8px;**

**}tr:nth-child(even){background-color: #f2f2f2}th {**

**background-color: #006666;**

**color: white;}h1{color:#004d4d;}p{color:#004d4d;}**

**body**

**{background-color: #f2f2f2;**

**}\* {**

**box-sizing: border-box;**

**}input[type=text], select, textarea {**

**width: 55%;**

**padding: 12px;**

**border: 1px solid #ccc;**

**border-radius: 4px;**

**resize: vertical;**

**}input[type=password]{ width: 55%;**

**padding: 12px;**

**border: 1px solid #ccc;**

**border-radius: 4px;**

**resize: vertical;}}**

**input[type=text]{**

**width: 55%;**

**padding: 12px;**

**border: 1px solid #ccc;**

**border-radius: 4px;**

**resize: vertical;**

**}**

**label { padding: 12px 12px 12px 0;**

**display: inline-block;**

**}button{**

**background-color: #006666;**

**color: white;**

**padding: 12px 20px;**

**border: none;**

**border-radius: 4px;**

**cursor: pointer;**

**float: center;**

**}**

**h1 {**

**color: #006666;**

**align:center;**

**margin-left:550px;}**

**img**

**{**

**margin-left:513px;**

**}input[type=submit]:hover {**

**background-color: #45a049;**

**.container {**

**border-radius: 5px;**

**background-color: white;**

**padding: 20px;**

**width:500px;**

**hight:500px;**

**margin-left:**

**}.col-25 {**

**float: left;**

**width: 25%;**

**margin-top: 6px;**

**}.col-75 {**

**float: left;**

**width: 75%;**

**margin-top: 6px;**

**}**

**/\* Clear floats after the columns \*/**

**.row:after {**

**content: "";**

**display: table;**

**clear: both;}**

**body{**

**background-color: #f2f2f2;**

**} /\* Responsive layout - when the screen is less than 600px wide, make the two columns stack on top of each other instead of next to each other \*/**

**@media screen and (max-width: 600px) {**

**.col-25, .col-75, input[type=submit] {**

**width: 50%;**

**margin-top: 0;}</style><!-- Display the form -->**

**<center><br><br><div class="container">**

**<form method='post' action=''><input type="text" name="pname" placeholder="Enter product name" >**

**<br><br> <button type="submit" name="submit1" value='Display the product'>Search by the product name</button></div></form>**

**<br><br><center>**

**<div class="container">**

**<form method='post' action=''>**

**<input type="text" name="type" placeholder="Enter type" >**

**<br><br>**

**<button type="submit" name="submit2" value='Display the product'>Search by the type </button> </div>**

**</form>**

**<div>**

**<br><br><button><a href="display3.php">go back</a></button><br></div>**

**<?php**

**if(isset($\_POST['submit1']))**

**{**

**//step 2: connect to Server**

**$db=new mysqli("localhost","root","" , "project");**

**$pname=$\_POST["pname"];**

**//step 4:create the query and store in a variable**

**$sql="SELECT \* FROM product WHERE**

**pname='".$pname."'";**

**//step 5: execute the query**

**if (!$result =$db->query($sql))**

**{die ('There was an error running the query' .$db->error)}**

**else{ echo "<table border='1' >";**

**echo "<tr bgcolor=gray >**

**<th>product is </th>**

**<th>type</th>**

**<th>price</th>**

**<th>quantity</th>**

**<th>farm\_name</th>**

**<th>picture</th>**

**</tr>";**

**$count =1 ;**

**while ($row = $result->fetch\_array(MYSQL\_BOTH))**

**{ echo "<tr>**

**<td>".$row['pname']."</td>**

**<td>".$row['type']."</td>**

**<td>".$row['price']."</td>**

**<td>".$row['quantity']."</td>**

**<td>".$row['farm\_name']."</td>**

**<td><img src=".$row['picture']." height=150px width=150px /></td>;**

**</tr>";**

**}echo "</table>";}}?><?phpif(isset($\_POST['submit2']))**

**{**

**//step 2: connect to Server**

**$db=new mysqli("localhost","root","" , "project");**

**$type=$\_POST["type"];**

**//step 4:create the query and store in a variable**

**$sql="SELECT \* FROM product WHERE type='".$type."'";**

**//step 5: execute the query**

**if (!$result =$db->query($sql))**

**{die ('There was an error running the query' .$db->error)}**

**else {echo "<table border='1' >";**

**echo "<tr bgcolor=gray >**

**<th>product is </th>**

**<th>type</th>**

**<th>price</th>**

**<th>quantity</th>**

**<th>farm\_name</th>**

**<th>picture</th>**

**</tr>";**

**$count =1 ;**

**while ($row = $result->fetch\_array(MYSQL\_BOTH))**

**{ echo "<tr>**

**<td>".$row['pname']."</td>**

**<td>".$row['type']."</td>**

**<td>".$row['price']."</td>**

**<td>".$row['quantity']."</td>**

**<td>".$row['farm\_name']."</td>**

**<td><img src=".$row['picture']." height=150px width=150px /></td>;</tr>"; }echo "</table>";}}?>**

**Farm Detail:**

**<html>**

**<head><style>body {background-color:LightGray;}table {**

**border-collapse:collapse;**

**width: 100%;}th, td {**

**text-align: left;**

**padding: 8px;}tr:nth-child(even){background-color: #f2f2f2}**

**th {background-color: #4CAF50;**

**color: white;}h1{text-align:center;**

**font-family:"Algerian"; text-shadow:black 5px 5px 15px;**

**background-color:#4d9900;**

**color:white;**

**height:40px;**

**padding:30px;}h4{**

**font-family:"Times New Roman (Headings CS)";**

**text-shadow:black 8px 8px 15px;}</style></head><body><?php**

**$farm\_name=$\_GET['value'];**

**//echo"$farm\_name";**

**?><h1>Farmer Information</h1>**

**<div class="table-responsive table-hover table-striped">**

**<table class="table"><thead> <tr><th>#</th>**

**<th>firstName</th>**

**<th>lastName</th>**

**<th>Email</th><th>phone number</th>**

**<th>farm\_name</th> </tr>**

**</thead>**

**<tbody>**

**<?php**

**$hostname="localhost";**

**$username="root";**

**$password="";**

**$databasename="project";**

**//connect to the database**

**$db=new mysqli($hostname,$username,$password,$databasename);**

**if($db->connect\_errno > 0){**

**die('Unable to connect to database'.$db->connect\_error);**

**}**

**echo 'Connected successfully';**

**$sql="SELECT \* FROM `formal` WHERE farm\_name='$farm\_name'";**

**if(!$result = $db->query($sql)){ //execute the SQL query**

**die('There was an error running the query ' .$db->error);**

**}**

**$count=1;**

**while($row =$result->fetch\_array(MYSQL\_BOTH)){**

**echo"<tr>";**

**echo"<td>$count</td>";**

**echo"<td>{$row['firstname']}</td>";**

**echo"<td>{$row['lastname']}</td>";**

**echo"<td>{$row['email']}</td>";**

**echo"<td>{$row['phoneNum']}</td>"; echo"<td>{$row['farm\_name']}</td>";**

**echo"</tr>";**

**$count++;}?>**

**</tbody></table>**

**</div><center>**

**<h1>List of product</h1>**

**<button><a href="email.php">Send Massege</a></button><br>**

**<hr><br>**

**<form action="<?php $\_SERVER['PHP\_SELF'] ?>" method="POST">**

**<table border="1">**

**<tr><th></th><th>product name</th><th>type</th><th>price</th><th>quantity</th><th>your\_comments</th><th>farm\_name</th><th>picture</th></tr><?php**

**$con=mysqli\_connect("localhost","root","","project");**

**//mysqli\_select\_db($con,"project");**

**$id=$\_GET['value'];**

**//echo"$id";**

**$query="SELECT \* FROM `product` WHERE farm\_name='$farm\_name' ";**

**$result=mysqli\_query($con,$query);**

**while($row=mysqli\_fetch\_array($result)){**

**echo "<tr>";**

**$ID=$row[0];**

**echo "<td><input type='checkbox' name='check[$ID]'/></td>";**

**echo "<td>".$row['pname']."</td>";**

**echo "<td>".$row['type']."</td>";**

**echo "<td>".$row['price']."</td>";**

**echo "<td>".$row['quantity']."</td>";**

**echo "<td>".$row['your\_comments']."</td>";**

**echo"<td>".$row['farm\_name']."</td>";**

**echo "<td><img src=".$row['picture']." height=200px width=200px /></td>";**

**echo "</tr>";**

**}**

**mysqli\_close($con); ?></table></form></body></html>**

**Send massage page:**

**<html>**

**<body><h3> send email to buy</p></h3>**

**<form action="email.php" method="POST" >**

**Customer Name: <br><input type="text" name="cname"><br>**

**<div class="form-group">**

**<label for="se">From: </label>**

**<select class="from-contor" id="list" name="place">**

**<option>Ibri</option><option>Yanqul</option><option> Dhank</option>**

**<option> other</option></select></div> <div>farm\_name:<br> <input type="text" name="farm\_name" ><br></div><br> <div class="form-goup">**

**<label> your comment:</label><br>**

**<textarea class="form-control" name="comment" cols="20" rows="15"></textarea>**

**</div> <input type="submit" class="but but-primary" name="SEND"> <?php**

**/\*insert data of hostel information into database\*/ if(isset($\_POST['SEND'])){ $cname=$\_POST['cname'];**

**$place = $\_POST['place'];**

**$farm\_name=$\_POST['farm\_name'];**

**$comment= $\_POST['comment'];**

**@$conn=mysql\_connect('localhost','root','');**

**mysql\_select\_db("project");**

**$query="INSERT INTO email(cname, place,farm\_name,comment) VALUES('$cname','$place','$farm\_name','$comment')";**

**$result=mysql\_query($query) or trigger\_error(mysql\_error()." in ".$query);**

**echo "<script language=javascript>alert('Information Added')</script>";**

**}?></body></html>**

**Display Farmer information:**

**<html>**

**<body>**

**<meta charset="UTF-8">**

**<meta name="viewport" content="width=device-width, initial-scale=1">**

**<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">**

**<style>**

**table {**

**border-collapse: collapse;**

**width: 50%;}**

**th, td {**

**text-align: left;**

**padding: 8px;**

**tr:nth-child(even){background-color: #f2f2f2}**

**th {**

**background-color: #006666;**

**color: white;**

**}h1{color:#004d4d; }**

**p{color:#004d4d;**

**}body{ background-color: #f2f2f2;}**

**\* { box-sizing: border-box;}**

**input[type=text], select, textarea {**

**width: 55%;**

**padding: 12px;**

**border: 1px solid #ccc;**

**border-radius: 4px;**

**resize: vertical;**

**}**

**input[type=password]{**

**width: 55%;**

**padding: 12px;**

**border: 1px solid #ccc;**

**border-radius: 4px;**

**resize: vertical;**

**}}**

**input[type=text]{**

**width: 55%;**

**padding: 12px;**

**border: 1px solid #ccc;**

**border-radius: 4px;**

**resize: vertical;**

**}label {**

**padding: 12px 12px 12px 0;**

**display: inline-block;**

**}**

**button{**

**background-color: #006666;**

**color: white;**

**padding: 12px 20px;**

**border: none;**

**border-radius: 4px;**

**cursor: pointer;**

**float: center;**

**}h1 {**

**color: #006666;**

**align:center;**

**margin-left:550px;**

**}img{margin-left:513px;**

**}input[type=submit]:hover {**

**background-color: #45a049;**

**}.container {**

**border-radius: 5px;**

**background-color: white;**

**padding: 20px;**

**width:500px;**

**hight:500px;**

**margin-left:**

**}.col-25 {**

**float: left;**

**width: 25%;**

**margin-top: 6px;**

**}.col-75 {**

**float: left;**

**width: 75%; margin-top: 6px;**

**}/\* Clear floats after the columns \*/.row:after {**

**content: ""; display: table; clear: both;**

**}body{**

**background-color: #f2f2f2;}**

**/\* Responsive layout - when the screen is less than 600px wide, make the two columns stack on top of each other instead of next to each other \*/**

**@media screen and (max-width: 600px) {**

**.col-25, .col-75, input[type=submit] {**

**width: 50%;**

**margin-top: 0;}}</style>**

**<!-- Display the form -->**

**<center><br><br>**

**<div class="container">**

**<form method='post' action=''>**

**your id<br><input type="text" name="id" placeholder="Enter your id" ><br><br>**

**your farm name<br><input type="text" name="farm\_name" placeholder="Enter your farm name" >**

**<br><br>**

**<button type="submit" name="submit1" value='Display the farmer informations'>go</button>**

**<button><a href="upload2.php">go back</a></button></div>**

**</form><br><br><br><br><?php**

**if(isset($\_POST['submit1'])){**

**//step 2: connect to Server$db=new mysqli("localhost","root","" , "project");**

**$id=$\_POST["id"]; //step 4:create the query and store in a variable**

**$sql="SELECT \* FROM formal WHERE**

**id='".$id."'";**

**//step 5: execute the query**

**if (!$result =$db->query($sql))**

**{die ('There was an error running the query' .$db->error);}else**

**{echo "<table border='1' >";**

**echo "<tr bgcolor=gray > <th>id</th>**

**<th>firstname</th>**

**<th>lastname</th>**

**<th>email</th>**

**<th>phoneNum</th>**

**<th>farm\_name</th>**

**</tr>";**

**$count =1 ;**

**while ($row = $result->fetch\_array(MYSQL\_BOTH))**

**{ echo "<tr>**

**<td>".$row['id']."</td>**

**<td>".$row['firstname']."</td>**

**<td>".$row['lastname']."</td>**

**<td>".$row['email']."</td>**

**<td>".$row['phoneNum']."</td>**

**<td>".$row['farm\_name']."</td>**

**</tr>";**

**}echo "</table>";}**

**}?><br><br>**

**<?php**

**//echo"<h1>your masseg</h1>";**

**if(isset($\_POST['submit1']))**

**{**

**//step 2: connect to Server**

**$db=new mysqli("localhost","root","" , "project");**

**$farm\_name=$\_POST["farm\_name"]; //step 4:create the query and store in a variable**

**$sql="SELECT \* FROM email WHERE farm\_name='".$farm\_name."'";**

**//step 5: execute the query**

**if (!$result =$db->query($sql))**

**{die ('There was an error running the query' .$db->error)}**

**else{echo "<table border='1' >";**

**echo "<tr bgcolor=gray >**

**<th>cname</th>**

**<th>place</th>**

**<th>farm\_name</th>**

**<th>comment</th>**

**</tr>";**

**$count =1 ;**

**while ($row = $result->fetch\_array(MYSQL\_BOTH))**

**{ echo "<tr>**

**<td>".$row['cname']."</td>**

**<td>".$row['place']."</td>**

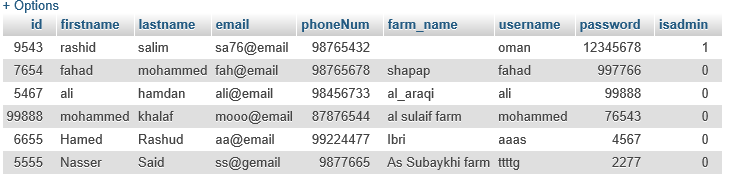
**<td>".$row['farm\_name']."</td>**

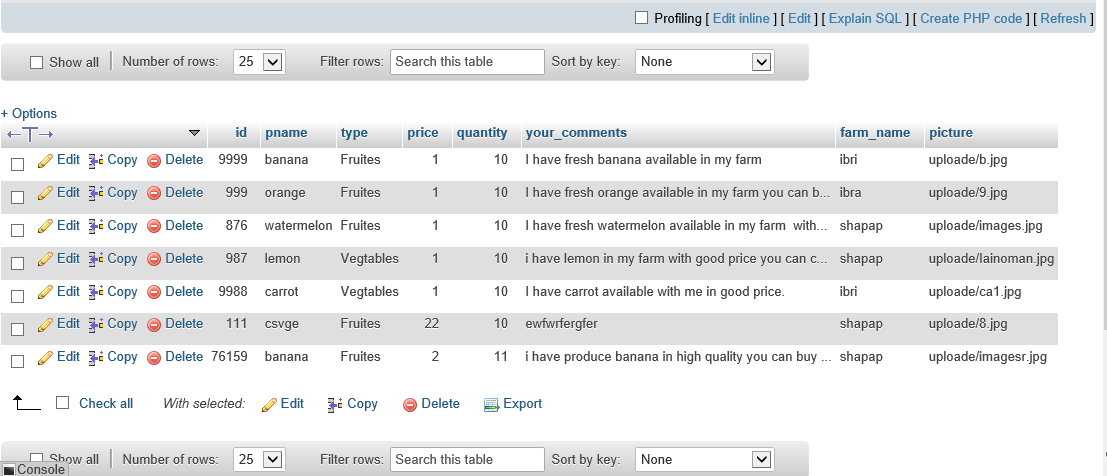
**<td>".$row['comment']."</td>**

**</tr>"; }echo "</table>";}}?>**

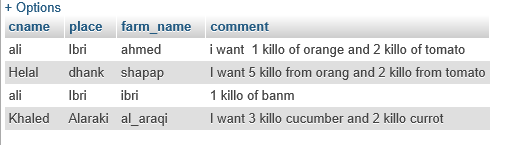
**Sample Screenshots**:

**Farmer table :**



**Product table:**

**Massage table :**

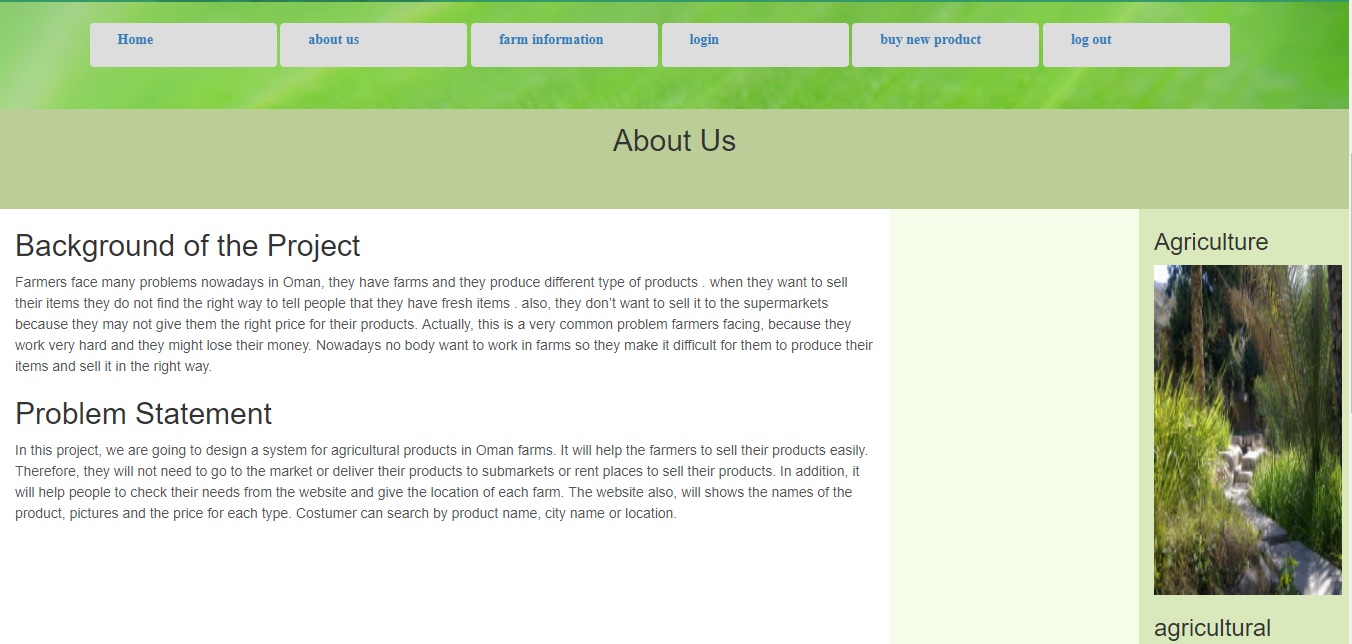


**System:**



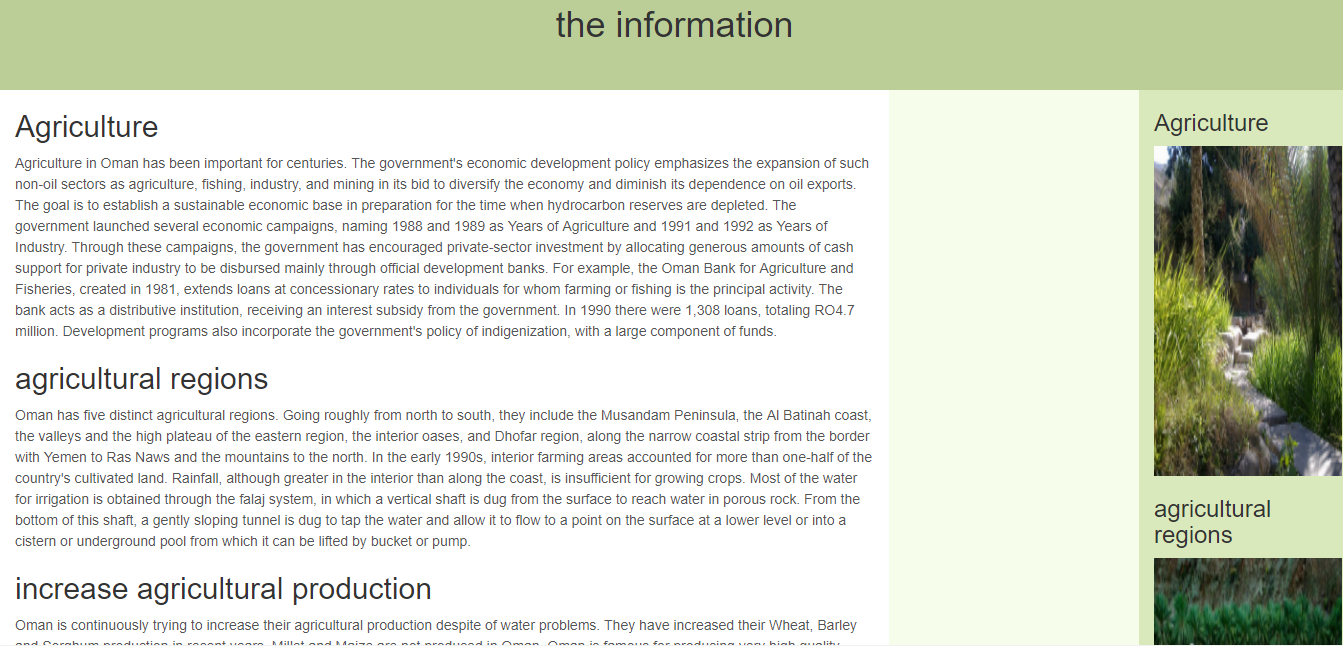
Home page:

This is the home page. there is buttons for about us, information, login, add new product, log out.



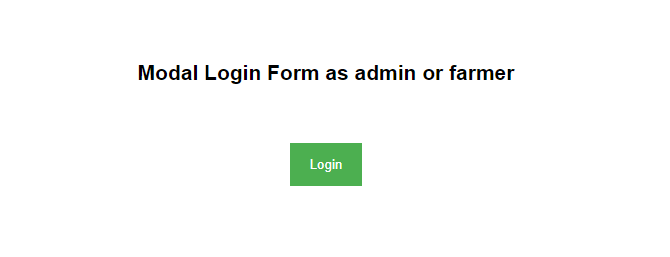
About us:

This page has information about the project in general.



Information:

This page has information about agricultural in Oman and how they produce the products.



Login page:

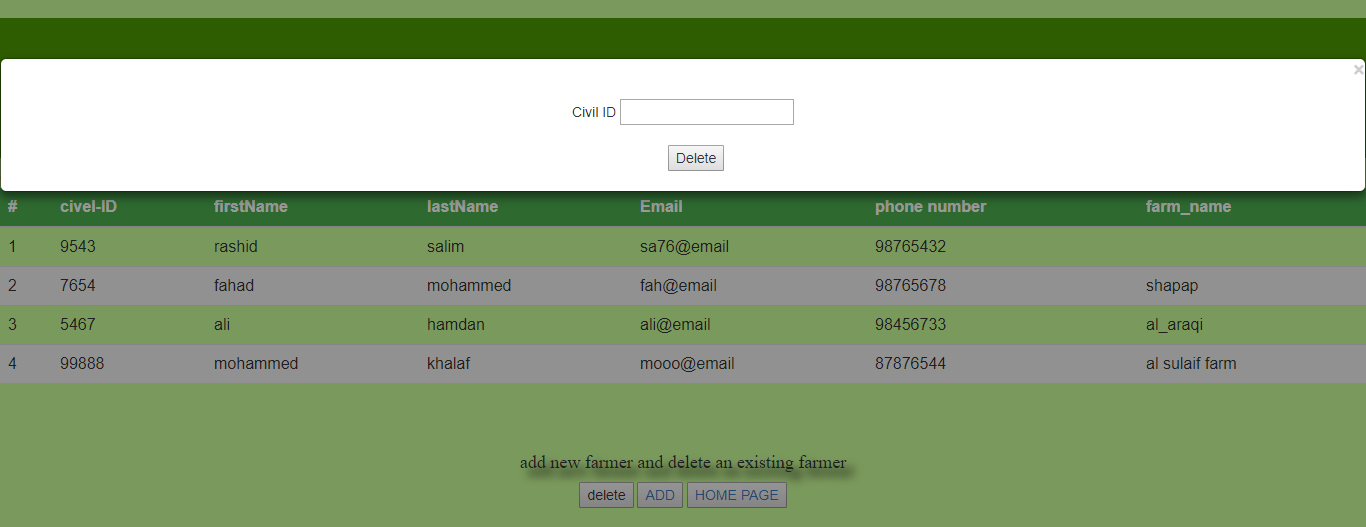
in this page you can login as an admin or as a farmer you should enter your user name and password to get access to the system.



Admin page:



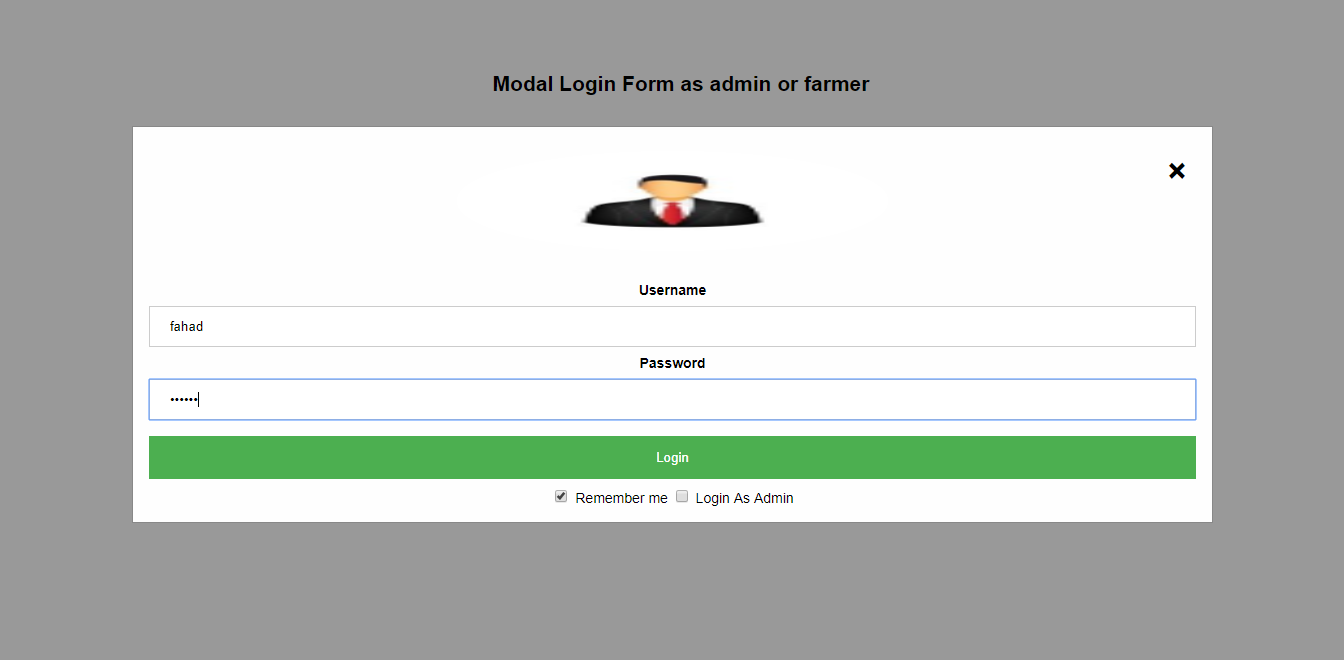
In this page the admin can see all farmers information.



Admin can delete farmer by his civil\_id.



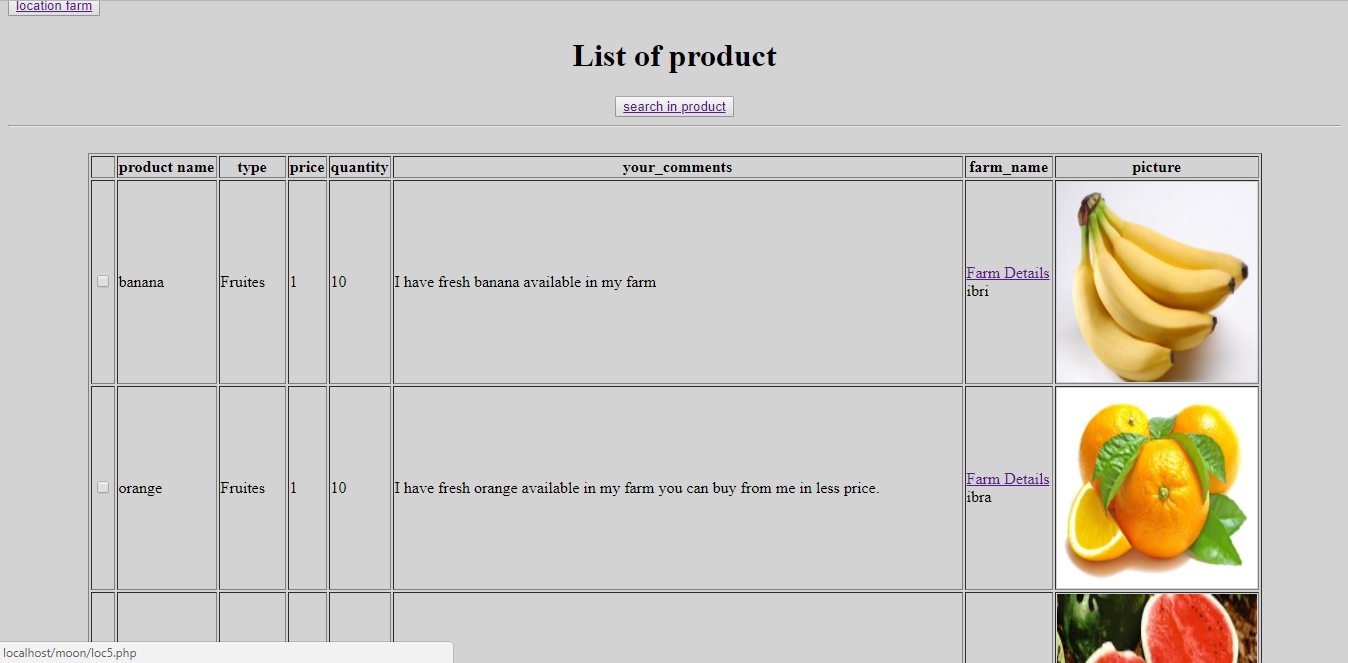
Here the admin can add new farmer with suitable information.

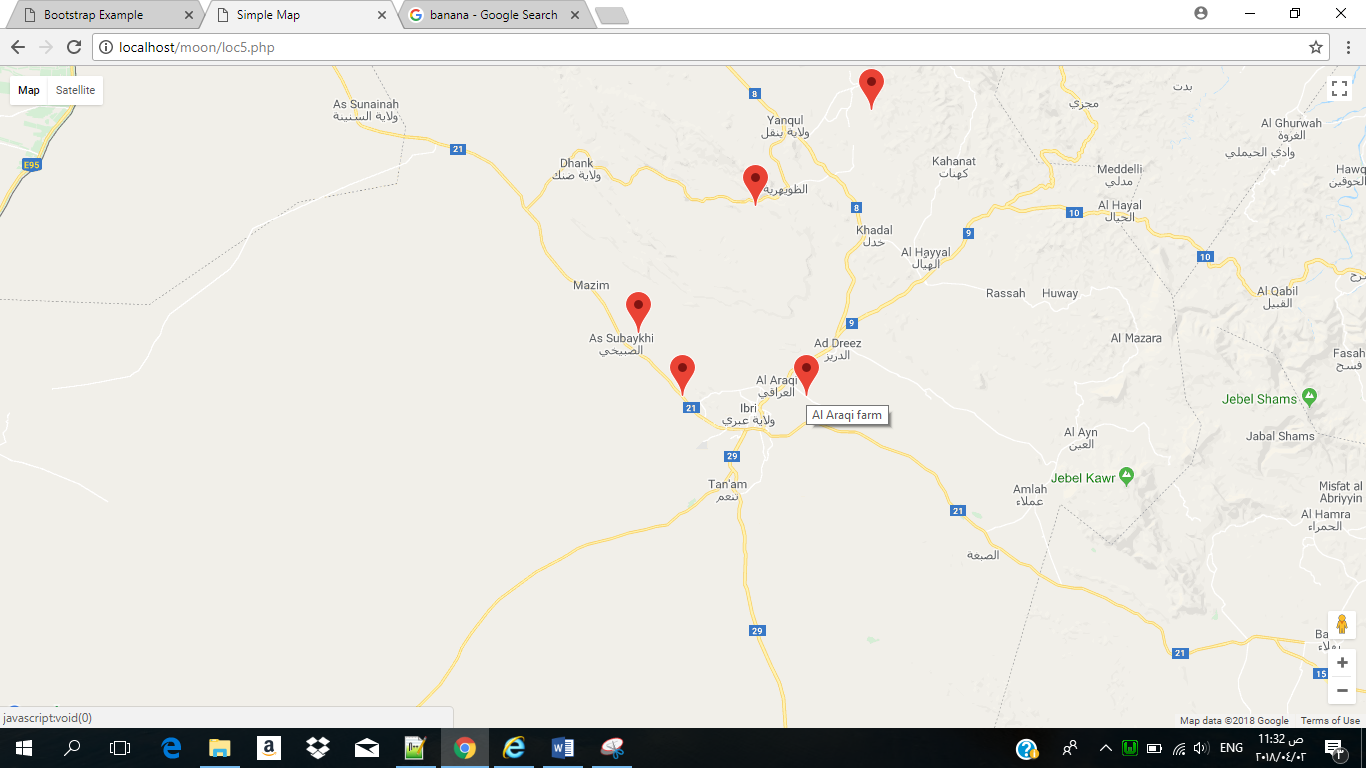


Farmer login:



In this page farmer can add new product .

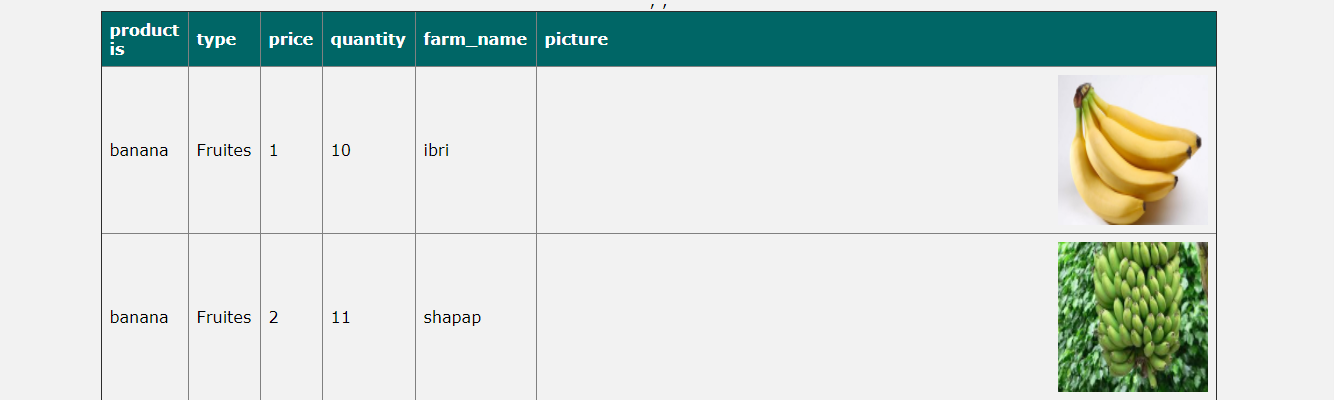
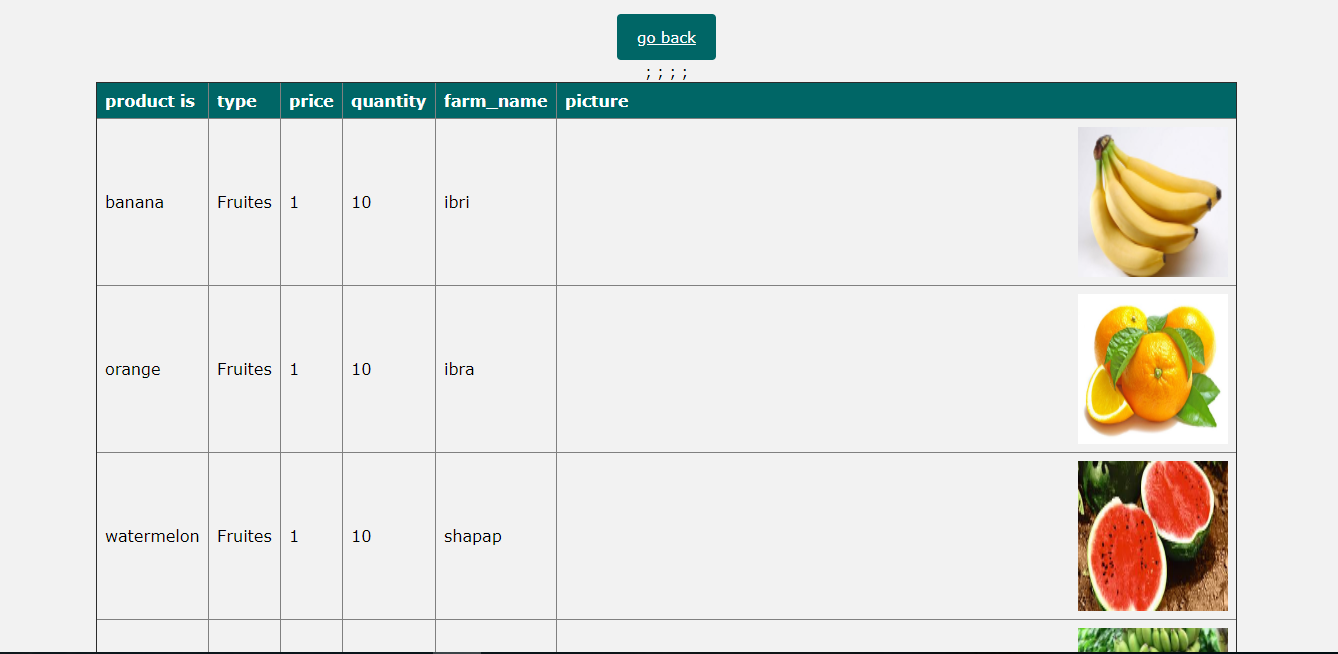
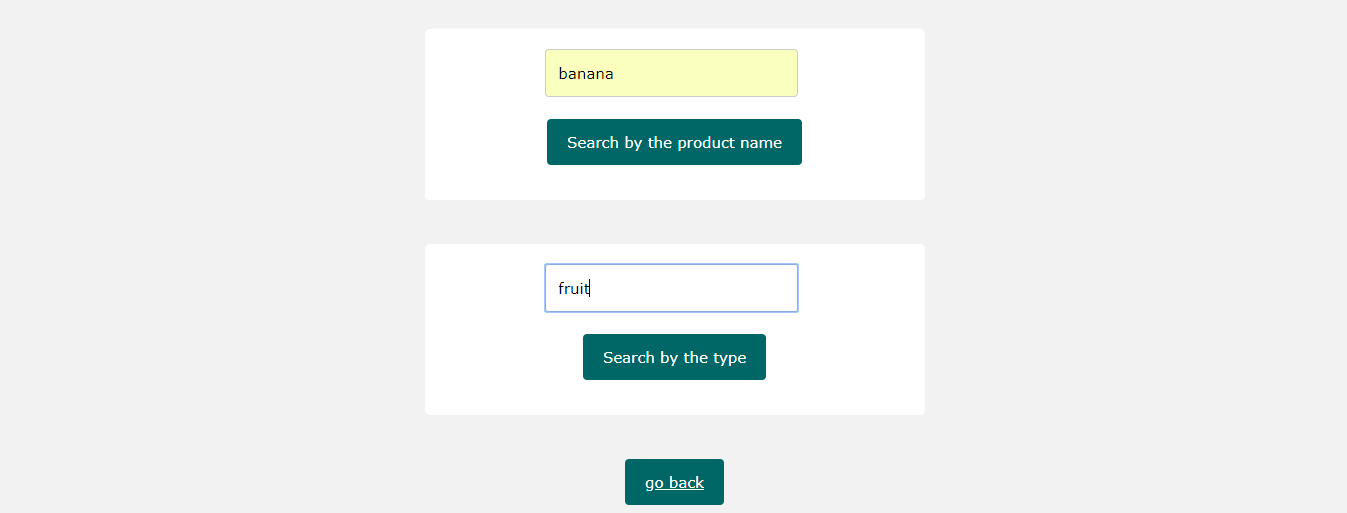




when he clicks button for farmer information he can search for his specific information and his message if anyone want to buy from him.

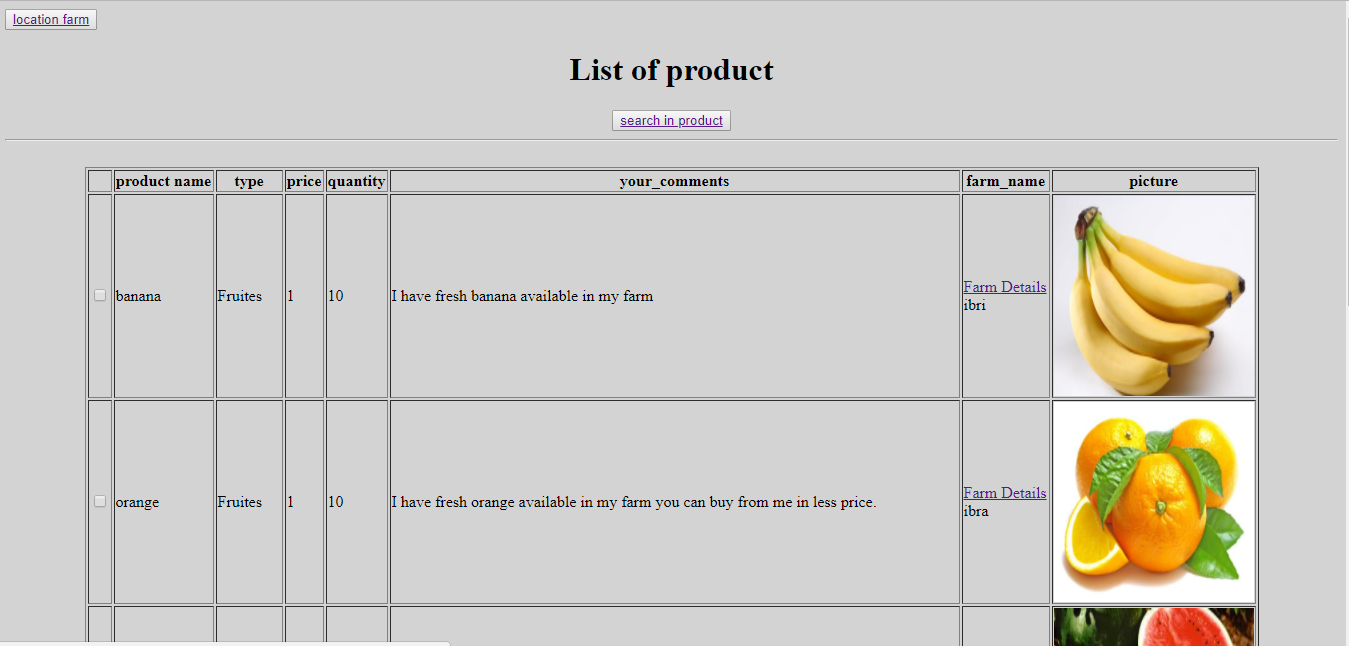
Display page:

In this page the farmer can see all the product that he adds it. And he can search by product name and the type also he can see the location of his farm.



If he search by the product name all products matches will display.

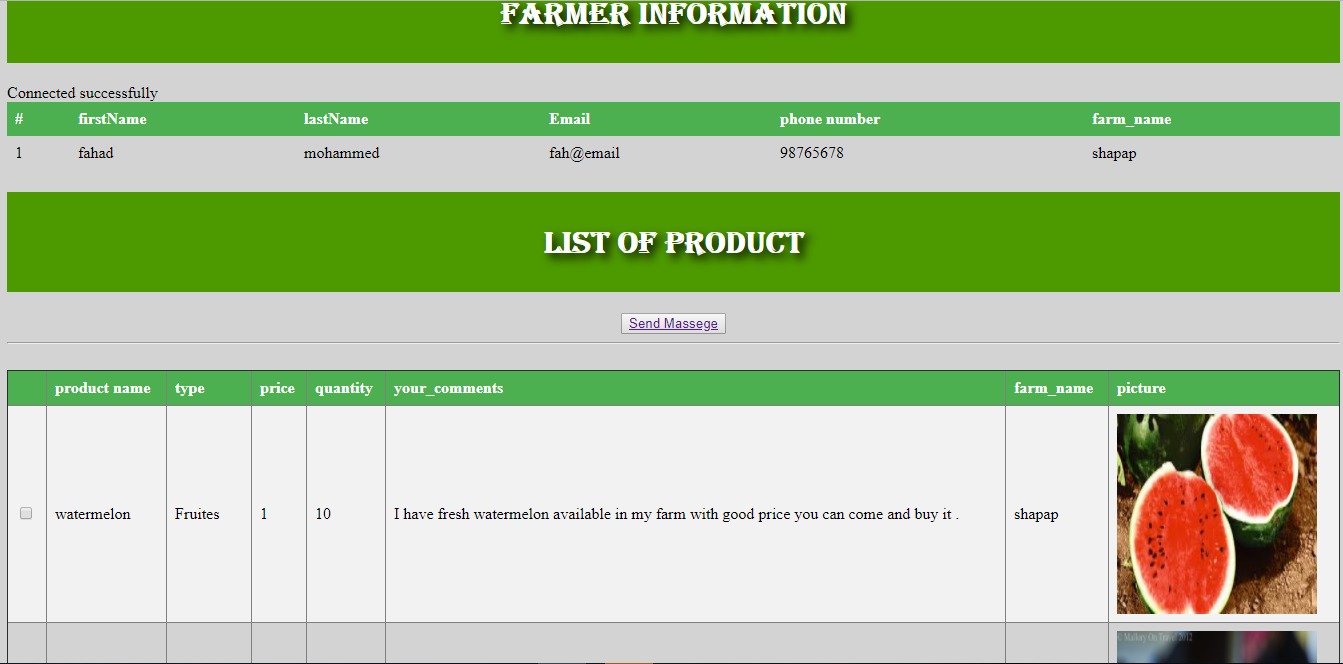
If he search by the type all matches type will display.



Customers page:

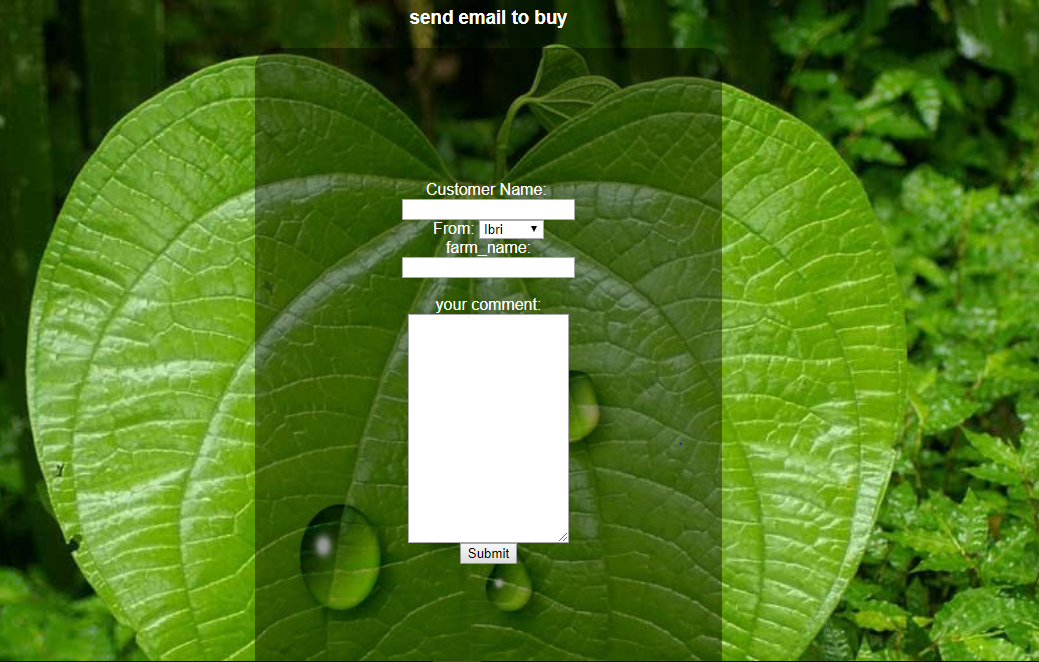
In this page the customers will see all the products available from all farms.

When he want to see one farm with their products. He can click one button (farm\_details)



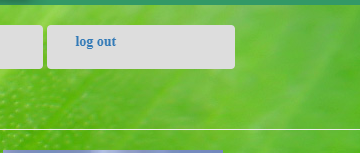
Farm details:

In this page the customers can see all products available in that farm .he also can see farmer information depending on farm\_name.



Send Massege:

If the customer sure that he wants to buy that product. he can write a message to that farmer with suitable information.



**Log out:**

This button will log out the system.

<button type="button" class="btn" class="btn-success btn-lg" value="Close this window" onclick="self.close()"><p class="col-md-2"><a><b>log out</b></a></p>

**Chapter 5**

**Conclusion and Recommendations**

**Conclusion**

All in all, farmer facing many problems to sale their agricultural products in right way. They also loss their money when they sale it to the supermarket because some products come bad after some time. Also, many customer facing problem to find fresh fruits and vegetables. So we develop this website to help farmer to promote the products that are available in their farms and show it to all people with good price. The customer will find the fresh products from the real farms and they can find the location of farms and go directly and buy whatever they want we used html ,php and MySQL for making this website. So we have achieved our gale to help farmers and customers.

**Recommendations**

* We will convert this website in to mobile application.
* The customers can buy directly from the system by using shopping cart or they can put their needs first in the basket.
* We will provide our application with WhatsApp application to contact with farmer in easy way.

**BIBLIOGRAPHY**

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* <https://www.codecademy.com/learn/php>
* <https://www.youtube.com/watch?v=hAkKC8DKN9A>
* <https://www.youtube.com/watch?v=e8TP2FERKls&t=636s>