VISVESVARAYA TECHNOLOGICAL UNIVERSITY,

BELAGAVI

A MINI PROJECT REPORT ON

AGROSTORE

IN

INFORMATION SCIENCE & ENGINEERING

By

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CERTIFICATE

This is to certify that the Mini Project entitled **"AGROSTORE"** has been successfully completed by

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the bonafide students of **Department of Information Science & Engineering, Alva's Institute of Engineering and Technology** in **DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING** of the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI** during the year 2018–2019. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The Mini project report has been approved as it satisfies the academic requirements in respect of Mini Project work prescribed for the Bachelor of Engineering Degree.

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Declaration

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hereby declare that the dissertation entitled, **Agrostore** is completed and written by us under the supervision of my guide **Mr. Nithin N V, Assistant Professor, Department of Information Science and Engineering, Alva's Institute of Engineering And Technology, Moodbidri**, **DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING** of the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI** during the academic year 2018-2019.The dissertation report is original and it has not been submitted for any other degree in any university.

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The satisfaction and euphoria that accompany a successful completion of any task would be incomplete without the mention of people who made it possible, success is the epitome of hard work and perseverance, but steadfast of all is encouraging guidance.

So, with gratitude we acknowledge all those whose guidance and encouragement served as beacon of light and crowned the effort with success.

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ABSTRACT

The farmer is the backbone of our country. But nowadays, farmers and buyers find it hard to sell or buy required product, due to the presence of the middle man. There is a huge gap between the farmers and the consumers. Therefore, it is necessary to bridge the gap between farmers and the buyers, without the involvement of the middle man.

Agrostore is basically a platform where a farmer is free to showcase his products for a reasonable price and buyers can directly access the products from the actual owner, without being cheated by the middle man, on both the ends. The process of selling and buying is purely transparent in this case.

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CHAPTER 1

INTRODUCTION

AGROSTORE helps farmers to upload the products, which they have grown by their own efforts and also helps buyers to purchase the produce directly from the farmer, which is a fresher one. The project intends to provide the farmer or buyer with an environment where they can upload or buy the fruits or vegetables online. By doing this, it will allow them to sell or buy their item without being mis leaded.

This project has only a single agenda, that is, to bridge the gap between the farmers and the consumers, by removing any sort of physical barriers between them. Here the farmer or buyer has to register, in order to access the store. Every time the user wants to access the store, he has to login using the login credentials. Only then, the farmer can upload his produce and the buyer can purchase. If a buyer wants to buy a product at that moment of time or later, then there is a option to add the product to the cart. And these all features have made management site easier. Also, there is a blog, which allows the user to share their reviews.

A clean and responsive dashboard is provided in the admin panel for the easy management of the products. Design of this project is pretty and responsive so that user won't find it difficult to understand, use and navigate.

1.1 PROBLEM STATEMENT

The Indian farmers are unable to get reasonable price for the products, even after their hard work and are fully exploited by the middlemen. These middlemen exploit the farmers by purchasing the produce at lower prices and on the other hand, they exploit the customers by demanding higher prices from them. The only aim of these middlemen is to derive higher income from these middle processes. This System will provide a platform to ease the process of selling and buying with full transparency.

1.2 MOTIVATION AND OBJECTIVE OF THE PROJECT

AGROSTORE is a system, which motivates the farmer to produce more and more products and also helps the consumer to stay healthy. Here, the farmer gets the best results for his hard work and also the consumers get the best product, up to their expectations. The Objective of AgroStore is to remove middle between farmers and customers and to help farmers to gain more profit from what they have grown.

1.3 PROPOSED SOLUTION

To overcome the problem of middlemen in the market, AgroStore is proposed. It provides facilities for storing and managing database of customer products.It maintains transparency between farmers and customers.

CHAPTER 2

SYSTEM DESIGN

2.1 SCHEMA DIAGRAM

In the Figure 2.1 shows Schema diagram of the AgroStore that contains 6 tables i.e. Buyer, Seller, cart, product, Transaction, Review.

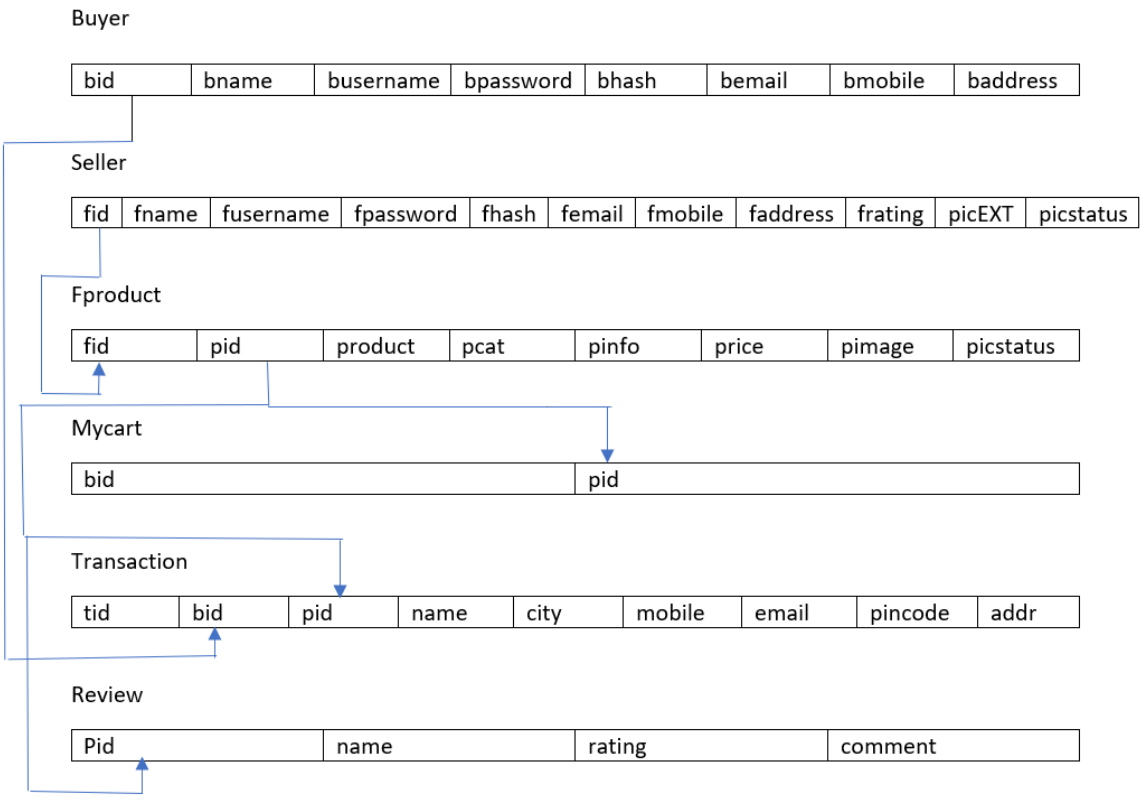

Figure 2.1 : Schema Diagram

2.2 ENTITY-RELATIONSHIP DIAGRAM

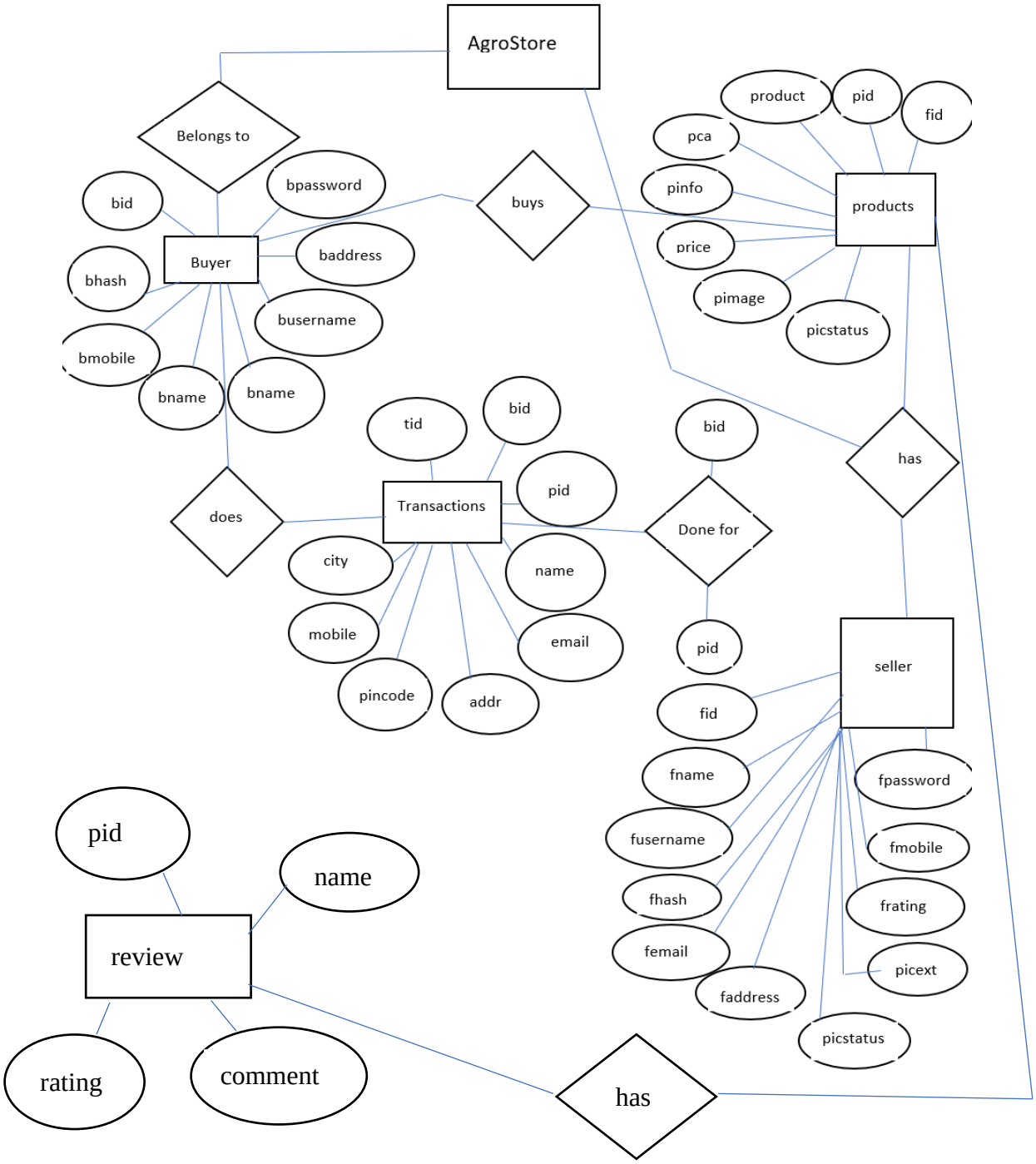

Figure 2.2 : ER Diagram

CHAPTER 3

IMPLEMENTATION

For any application the programming language derives a basic foundation for it and gives it a good outlook. In our application we have used HTML on client side and PHP is a programming language used primarily by Web browsers to create a dynamic and interactive experience for the user. Most of the functions and applications that make the internet indispensable to modern life are coded in some form of PHP HTML is a markup language used for structuring and presenting content on the World Wide Web. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

3.1 LANGUAGE USED FOR IMPLEMENTATION

- FRONT END : HTML, CSS , Php
- BACK END : MySQl

3.2 PLATFORM USED FOR IMPLEMENTATION

- OPERATING SYSTEM : Windows10
- PLATFORM : Brackets
- INTERNET BROWSER : Google Chrome
- WEB SERVER : Apache

3.3 SQL COMMAND AND QUERIES

```
CREATE TABLE buyer (
  bid int(100) NOT NULL,
  bname varchar(100) NOT NULL,
  busername varchar(100) NOT NULL,
  bpassword varchar(100) NOT NULL,
```

```
  bhash varchar(100) NOT NULL,
  bemail varchar(100) NOT NULL,
  bmobile varchar(100) NOT NULL,
  baddress text NOT NULL,
  bactive int(100) NOT NULL DEFAULT '0'
);

CREATE TABLE farmer (
  fid int(255) NOT NULL,
  fname varchar(255) NOT NULL,
  fusername varchar(255) NOT NULL,
  fpassword varchar(255) NOT NULL,
  fhash varchar(255) NOT NULL,
  femail varchar(255) NOT NULL,
  fmobile varchar(255) NOT NULL,
  faddress text NOT NULL,
  factive int(255) NOT NULL DEFAULT '0',
  frating int(11) NOT NULL DEFAULT '0',
  picExt varchar(255) NOT NULL DEFAULT 'png',
  picStatus int(10) NOT NULL DEFAULT '0'
);

CREATE TABLE fproduct (
  fid int(255) NOT NULL,
```

```
  pid int(255) NOT NULL,
  product` varchar(255) NOT NULL,
  pcat varchar(255) NOT NULL,
  pinfo varchar(255) NOT NULL,
  price float NOT NULL,
  pimage varchar(255) NOT NULL DEFAULT 'blank.png',
  picStatus int(10) NOT NULL DEFAULT '0'
);

CREATE TABLE mycart (
  bid int(10) NOT NULL,
  pid int(10) NOT NULL
);

CREATE TABLE transaction (
  tid int(10) NOT NULL,
  bid int(10) NOT NULL,
  pid int(10) NOT NULL,
  name varchar(255) NOT NULL,
  city varchar(255) NOT NULL,
  mobile varchar(255) NOT NULL,
  email varchar(255) NOT NULL,
  pincode varchar(255) NOT NULL,
  addr varchar(255) NOT NULL);
```

3.3.1 OPERASTIONS AND QUERIES

```
ALTER TABLE buyer
  ADD PRIMARY KEY (`bid`),
  ADD UNIQUE KEY `bid` (`bid`);

ALTER TABLE farmer
  ADD PRIMARY KEY (`fid`),
  ADD UNIQUE KEY `fid` (`fid`);

ALTER TABLE fproduct
  ADD PRIMARY KEY (`pid`);

ALTER TABLE transaction
        ADD PRIMARY KEY (`tid`);
```

3.4 OUTPUT TESTING

- Faced some problem while working with XAMMP server which is new for us.
- Connection of frontend and backend had taken lot of time.

The data entered in frontend was not storing in backend, since the format of attributes in front end was different from the backend attributes, so it was necessary to change the attributes in frontend.

CHAPTER 4

RESULTS

4.1 SNAPSHOTS:

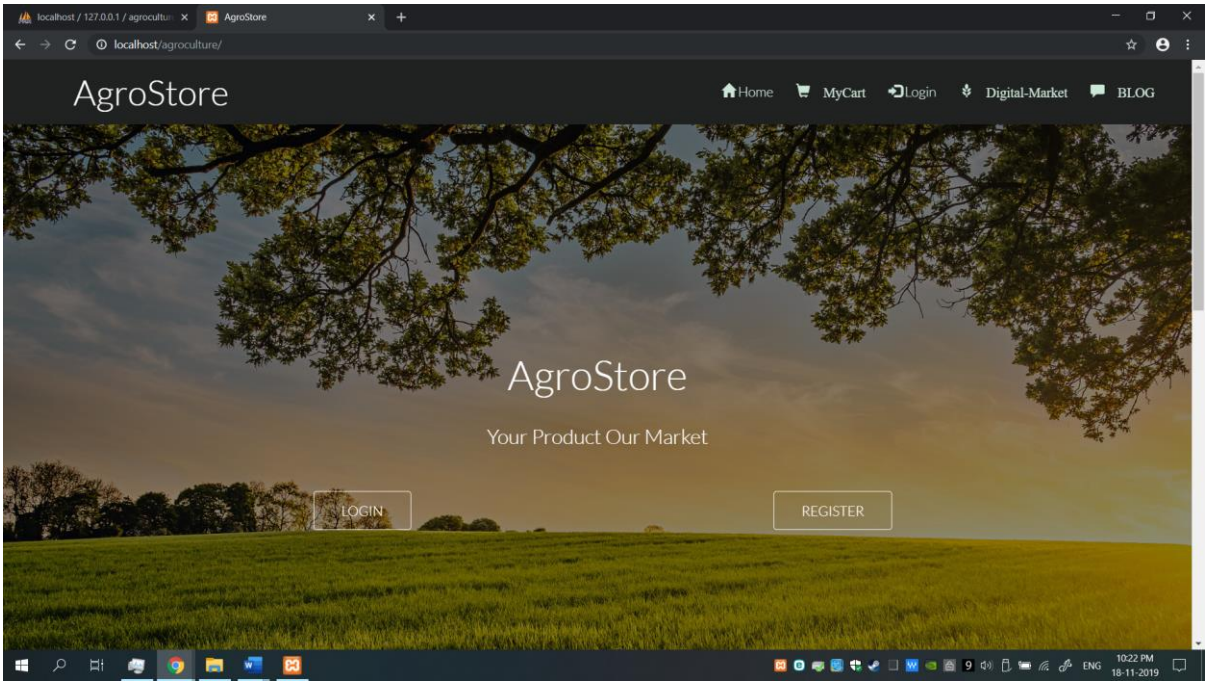

Figure 4.1: Home Page

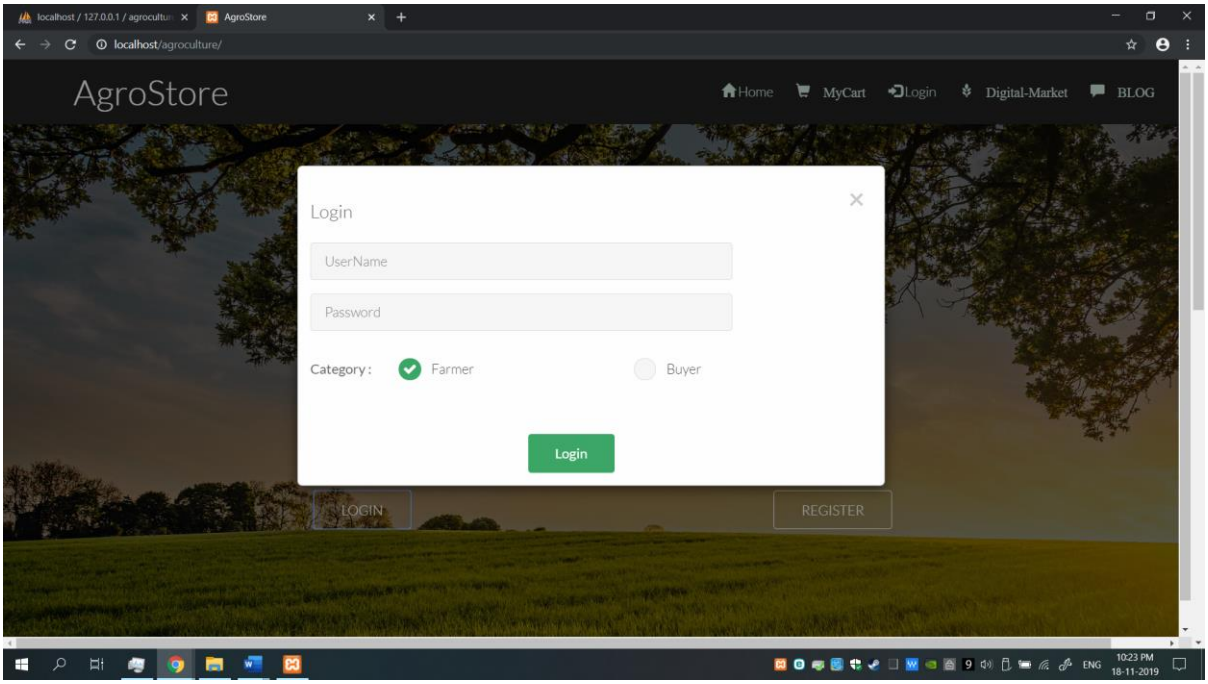

Figure 4.2: Login page for already registered users

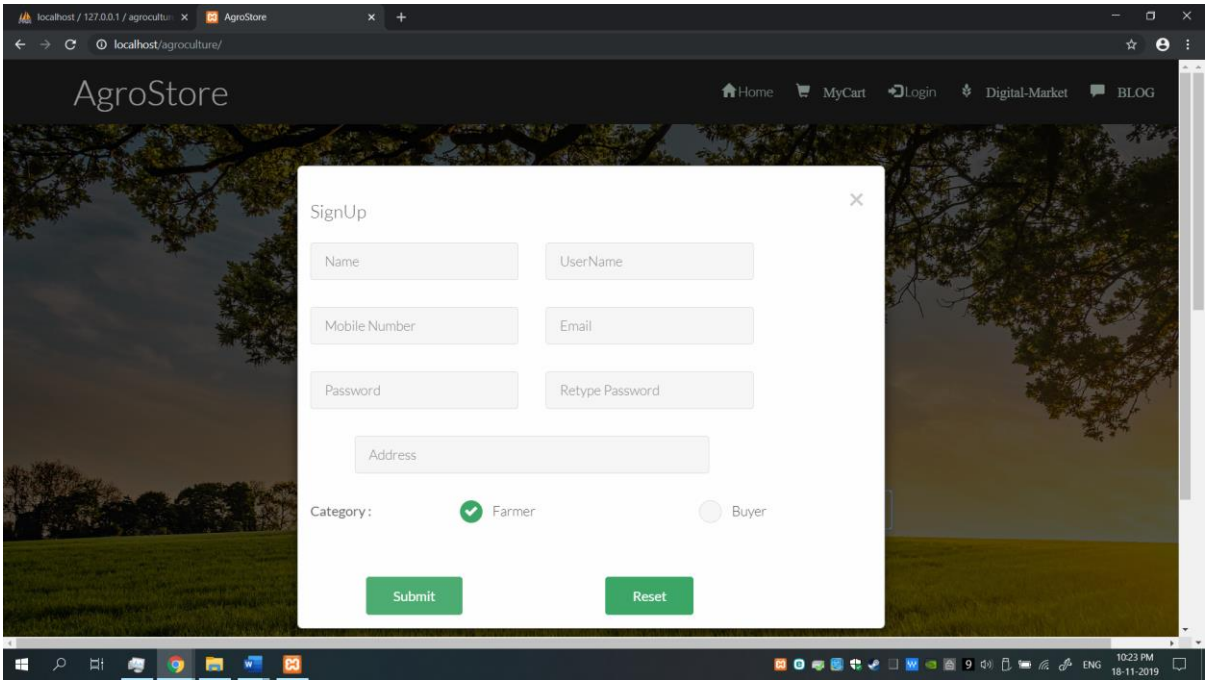

Figure 4.3: Sign up page for new users

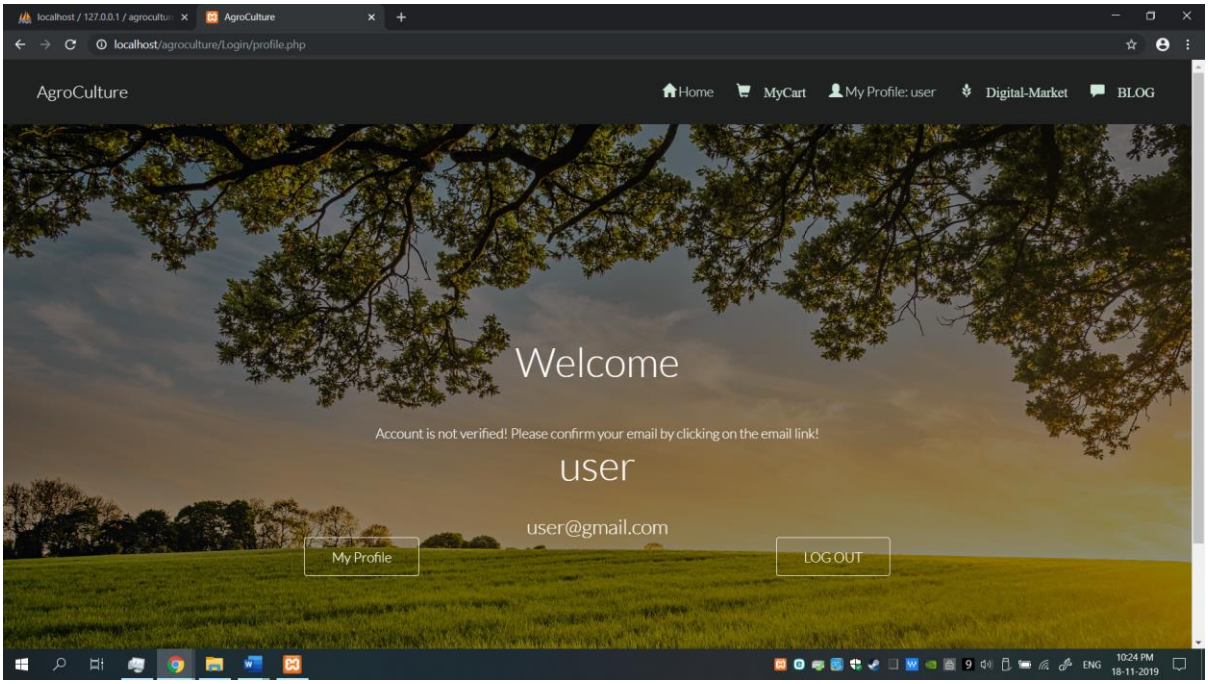

Figure 4.4: dashboard page

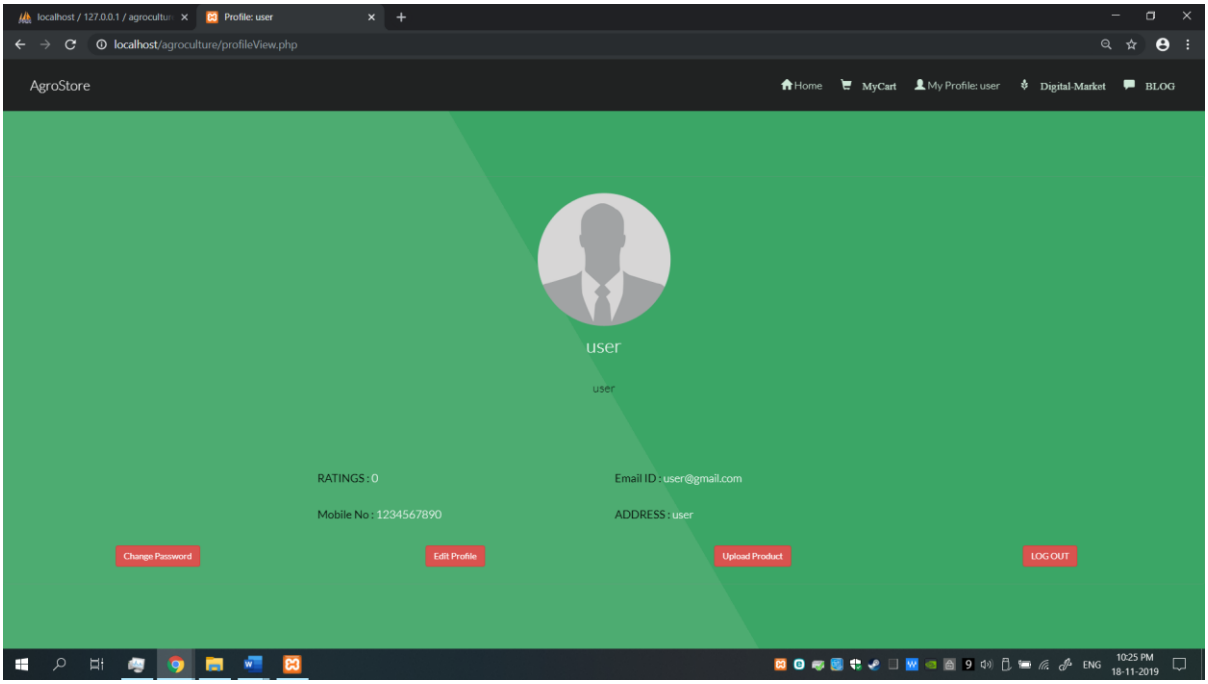

Figure 4.5: Profile page

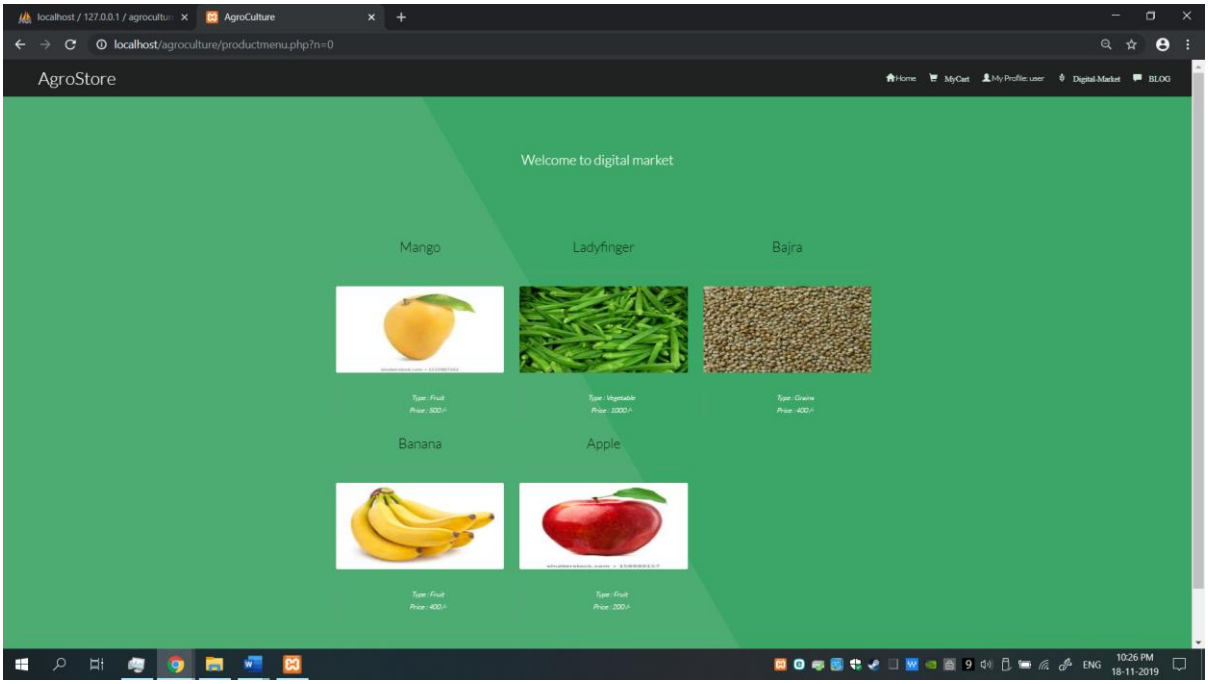

Figure 4.6 Product page

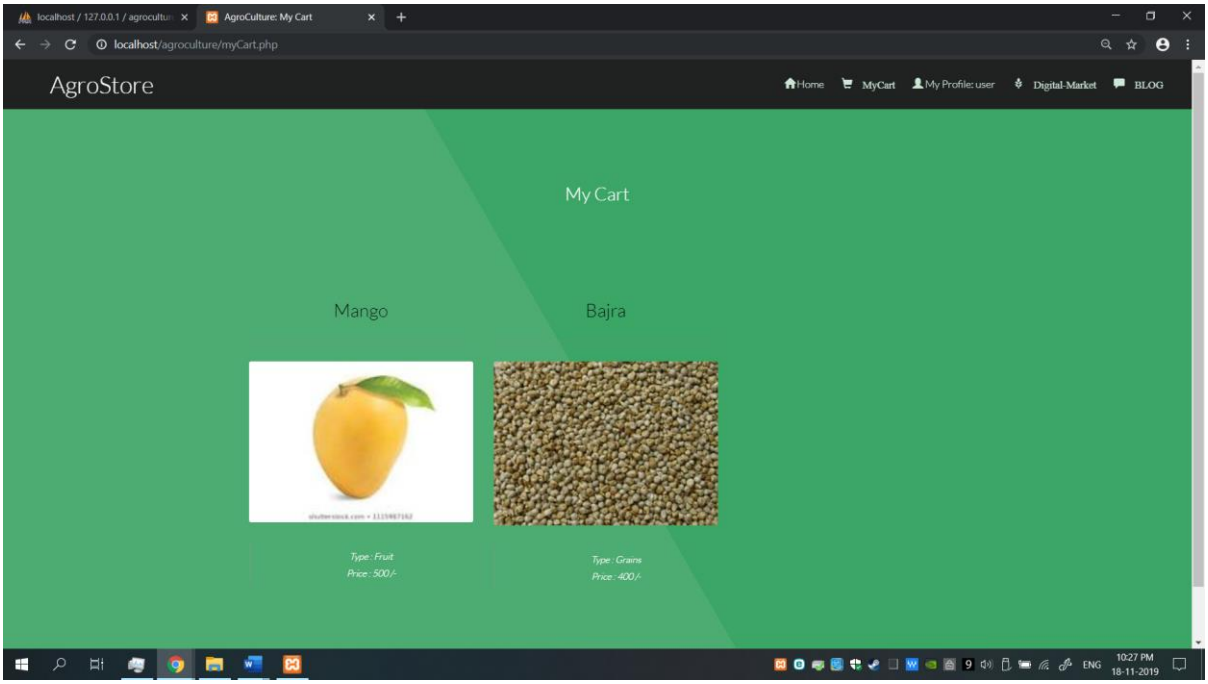

Figure 4.9: My cart page

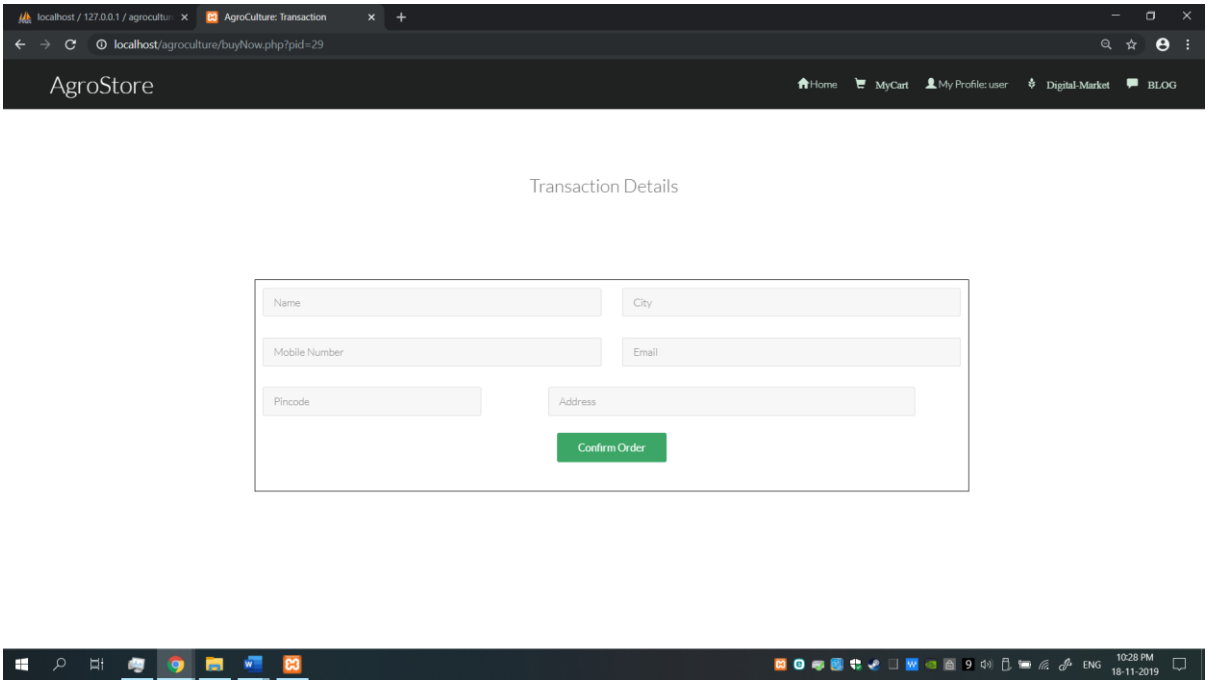

Figure 4.7: Transaction page

CHAPTER 5

CONCLUSION AD FUTURE ENHANCEMENT

5.1 CONCLUSION

HomeCart database is built to find suitable solution for storing and managing the data of products, customers, employee, transport and services. The features of the introducing system will call upon the problems that have encountered from the current system that is it keep track of customers, product details, Amount to be paid.it keep track of Employee Details and check if Employee are working efficiently. It keep track of Products in a repairing state.

5.2 FUTURE ENHANCEMENT

The introduce system can be improved with the improvement in the appliances booking services. The customer can order beforehand and get it on state time on arrival in showrooms without having to wait for the order. Payment through online can be enhanced. Utmost care and backup facilities can be established to ensure successful implementation of the computerized banking system.

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