Products Sales Management

REVIEW REPORT

Submitted by

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Prepared For

DATABASE SYSTEMS (CSE2004) – PROJECT COMPONENT

Submitted To

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Abstract

- Consumers play the most important role in commerce and marketing industry.
 The industry changes according to people's taste.
- Nowadays people are addicted to online shopping as they are easy and there are many available offers.
- But because of this many local retailers and vendors are badly affected. Their sales have gone down really low.
- Though going digital was a good idea, it is not localized. There is monopoly in trade and is governed by major players like amazon, flipkart, etc.
- Thus we need a much more localized system where people can get their products from their locality and there would be high transportation charges.
- This project forms a database where all the vendors in the user's locality sell their products and the user can choose their desired product and get it home delivered.
- The user will also have range of options to choose between different product categories.

Table of Contents

1.Introduction
2.Project scope
3.About
4.Project resource Requirements
5.ER DIAGRAM
6.Tables and Constraints
7.VALIDATION AND SCREENSHOTS
8.Conclusion.

1. Introduction

This project aims at creating a database system for consumers to access retail shops in their locality. Due to online shopping many retailers and shop owners are going through huge loss. To rectify this problem I have created a database management system: Product_Consumer_Management. In this, users can login and search for their desired product in their locality. They can find the outlet which sells that product in their city. They can place the order and get it home delivered. They also can search product through product category.

We use a website that is developed with a front-end web interface and a back-end database. With dbms services, we can implement the interactive interface in the shops where people can search easily rather than searching the whole shop to know whether the product is present or not. Shops size will also become efficient.

2. PROJECT SCOPE

The website is an e-commerce site. The database consists of the suppliers, outlets, and the products that are available. The website also displays new products released. The user has to login if not then has to sign up. The user is verified before signing up.

Product Categories like:

Tech devices, electric appliances, grocery and consumable products, clothing and accessories, health and beauty, sports and games are available.

This makes it easy for the user to search a type of product that the user is interested in buying.

The user can place multiple orders and cancel the order. The user can also view the suppliers available in the near by outlets in their city.

Thus the consumer and the seller are more close together, the delivery is quick than usual and the transportation charges are low.

Thus this project makes the transaction more easy and the market more stable.

3. ABOUT

Name	Registration Number	Phone Number
Harish Bharadwaj S	18BCE0078	7010883574

4. PROJECT RESOURCE REQUIREMENTS

Software Requirement Specifications

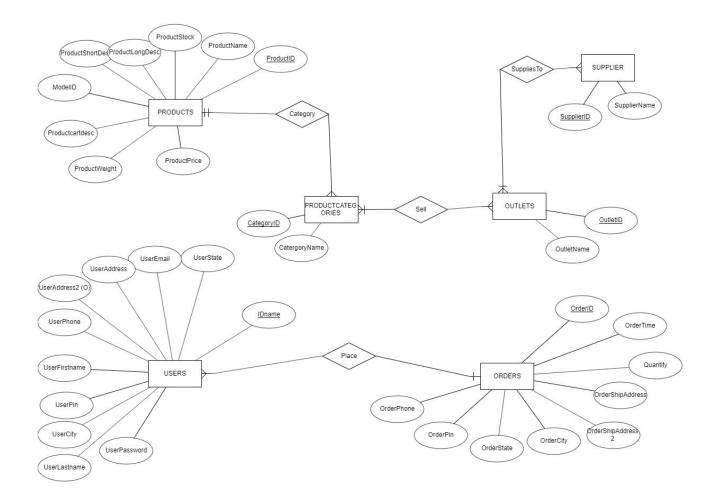
Language Used : PHP

Database : My SQL

User Interface Design : HTML, CSS

Web Browser : Mozilla, Google Chrome

5. ER DIAGRAM



6. TABLES AND CONSTRAINTS

Table Name: Users

Attribute	Data Type	Constraint
IDname	Varchar(20)	Primary Key
UserEmail	Varchar(500)	
UserPassword	Varchar(500)	Not Null
UserFirstName	Varchar(50)	Not null
UserLastName	Varchar(50)	Not null
UserCity	Varchar(90)	
UserState	Varchar(20)	
UserPin	Int(6)	
UserPhone	Int(10)	
UserAddress	Varchar(100)	
UserAddress2	Varchar(50)	Default Null

Table Name: Products

Attribute	Data Type	Constraint
ProductID	Int(12)	Primary Key
ProductName	Varchar(100)	Not Null
ModelID	Varchar(10)	Not Null
ProductPrice	Float	
ProductWeight	Float	
ProductCartDesc	Varchar(250)	
ProductShortDesc	Varchar(1000)	
ProductLongDesc	Text	
ProductCategoryID	Int(11)	Foreign Key
ProductStock	Float	

Table name: Supplier

Attribute	Data Type	Constraint
SupplierID	Int(11)	Primary Key
SupplierName	Varchar(50)	
OutletID	Int(12)	Foreign Key

Table name: Orders

Attribute	Data Type	Constraint
OrderID	Int(11)	Primary Key
ModelID	Varchar(11)	Not null
Quantity	Int(11)	
OrderShipAddress	Varchar(100)	Not Null
OrderShipAddress2	Varchar(100)	
OrderCity	Varchar(50)	
OrderState	Varchar(50)	
OrderPin	Varchar(20)	
OrderPhone	Varchar(20)	
OrderTime	Timestamp	
OrderUserName	Varchar(10)	Foreign Key

Table name: ProductCategories

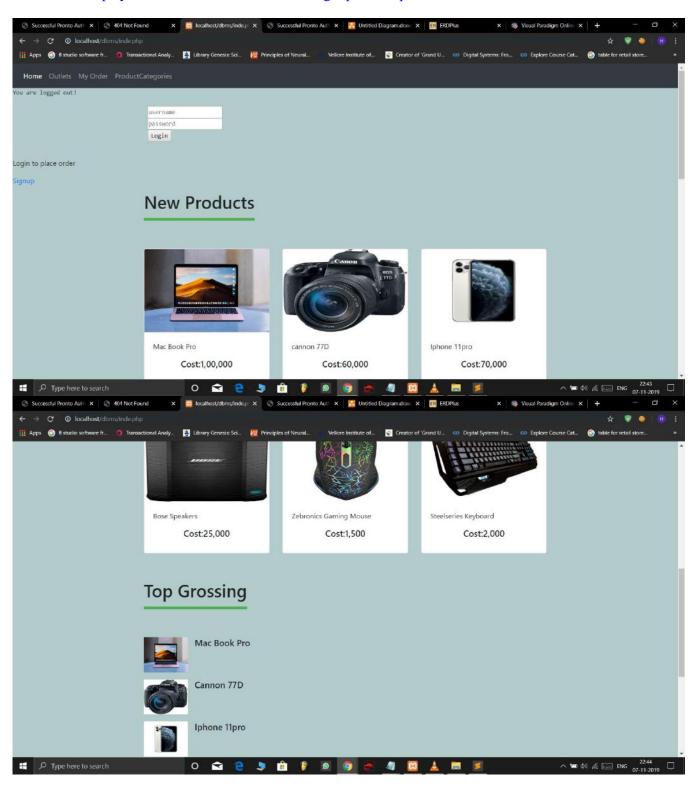
Attribute	Data Type	Constraints
CategoryID	Int(11)	Primary Key
CategoryName	Varchar(50)	Not Null

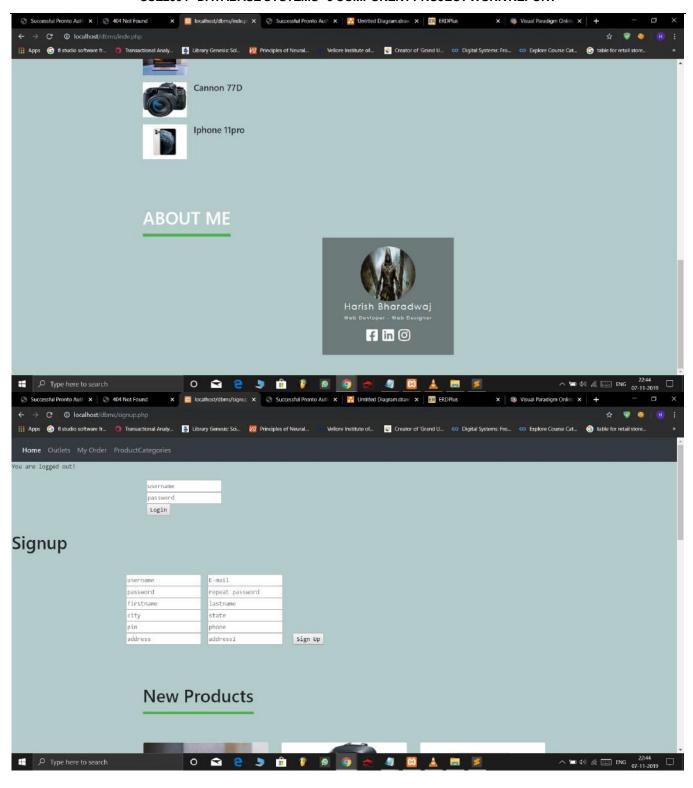
Table name: Outlets

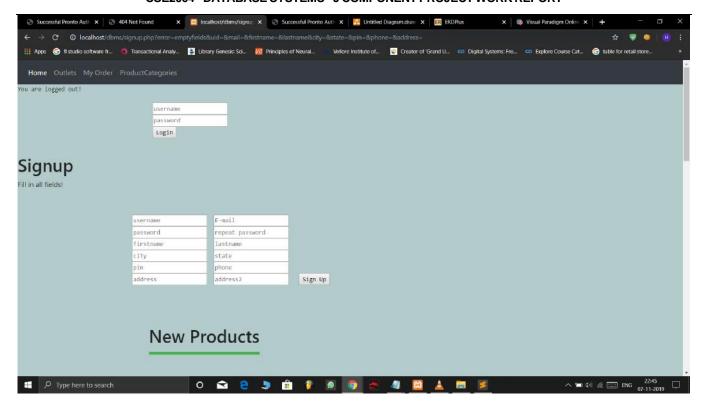
Attribute	Data Type	Constraints
OutletID	Int(12)	Primary Key
OutletName	Varchar(50)	Not Null
City	Varchar(90)	
State	Varchar(20)	
Address	Varchar(100)	
CategoryID	Varchar(500	Foreign Key

7. VALIDATIONS AND SCREENSHOTS

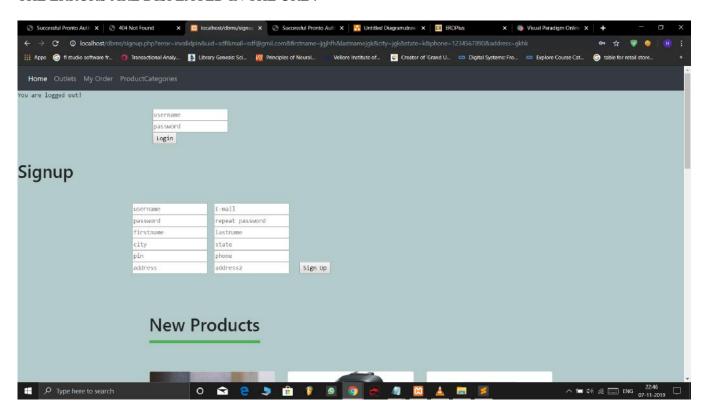
The error is displayed in the url when there is a wrong input or request.

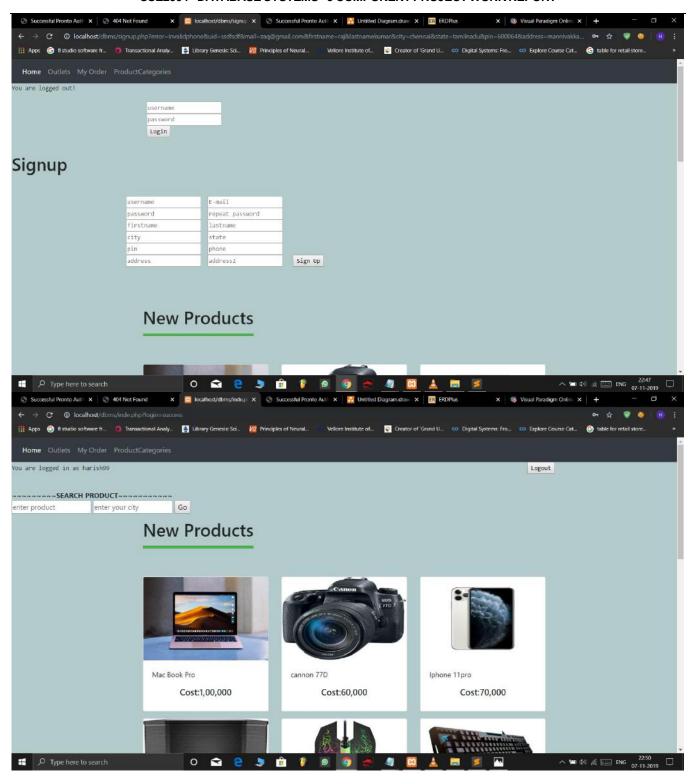


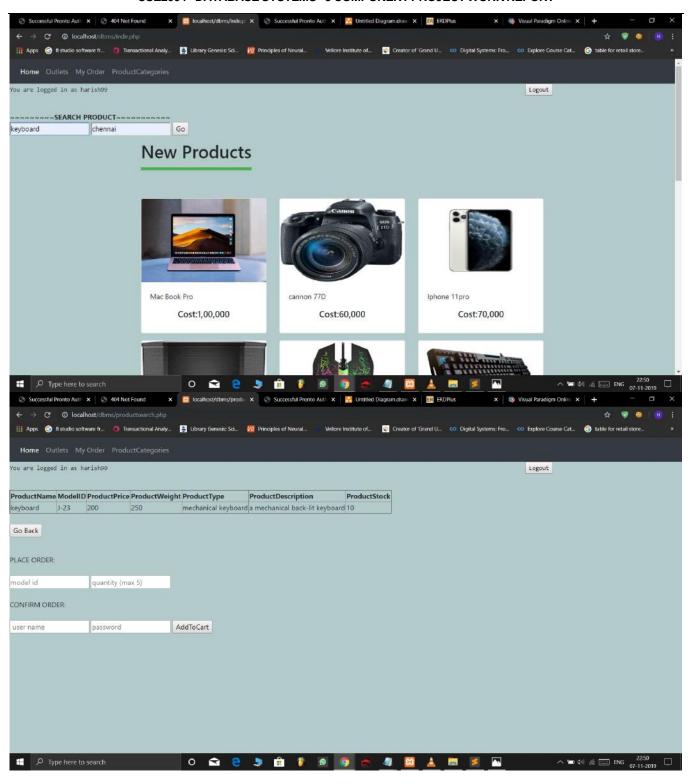


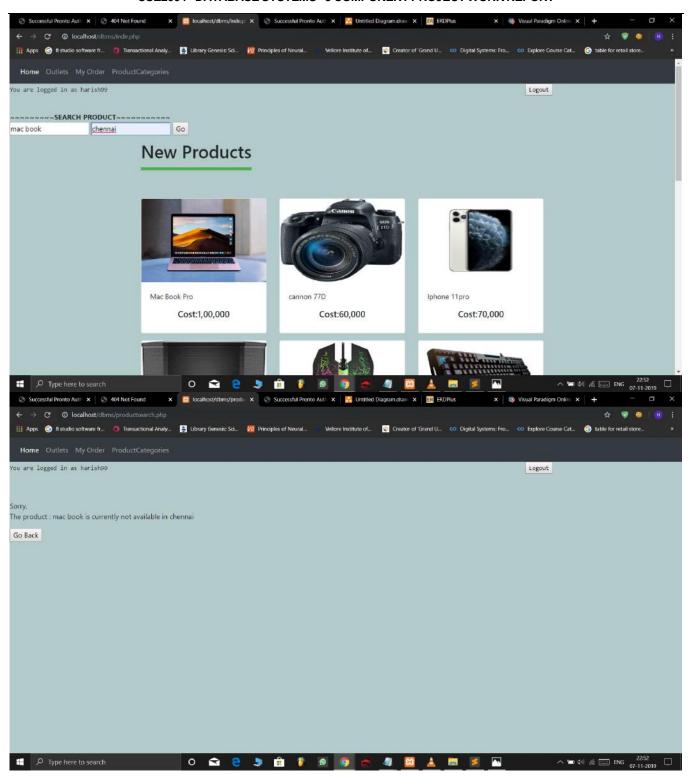


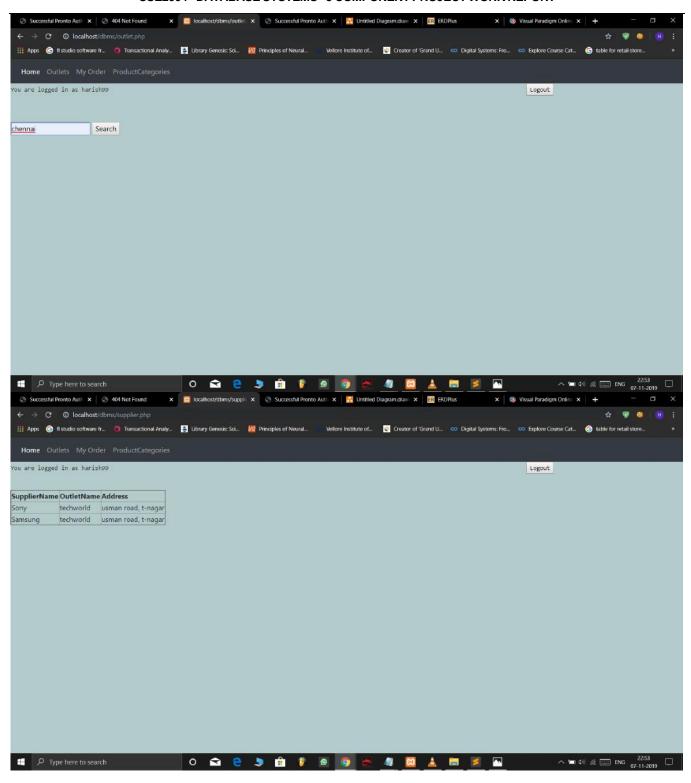
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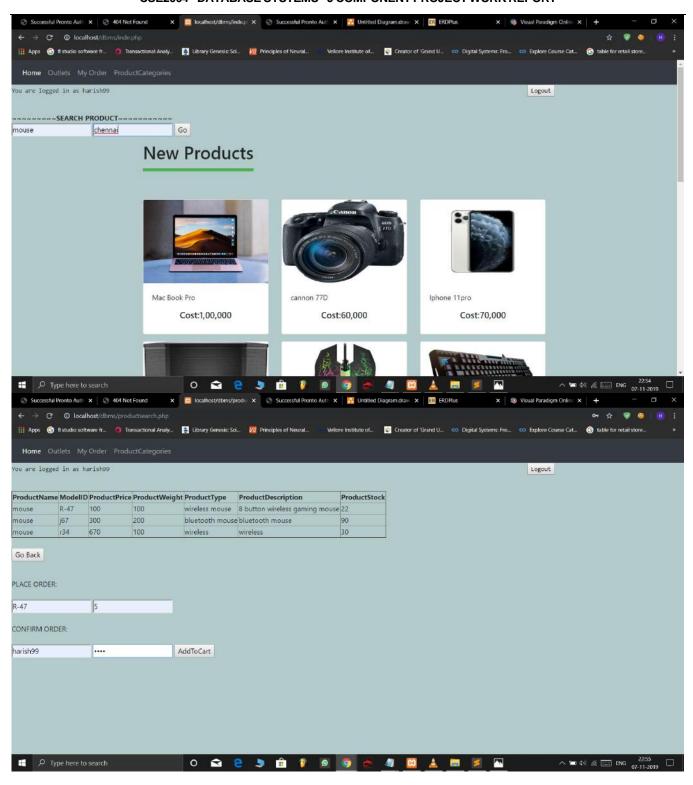


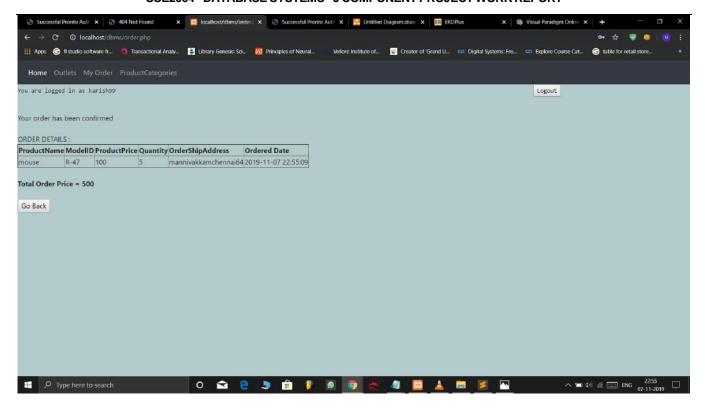


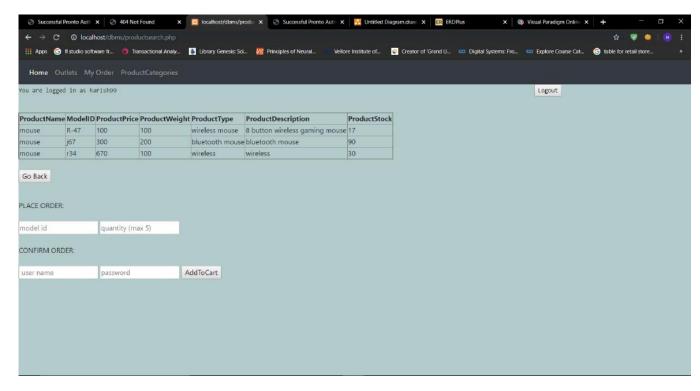


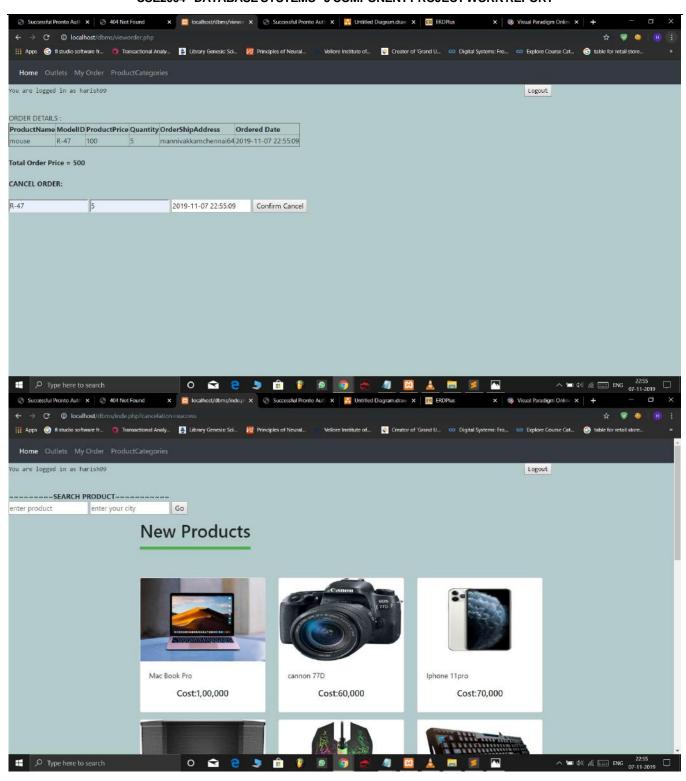


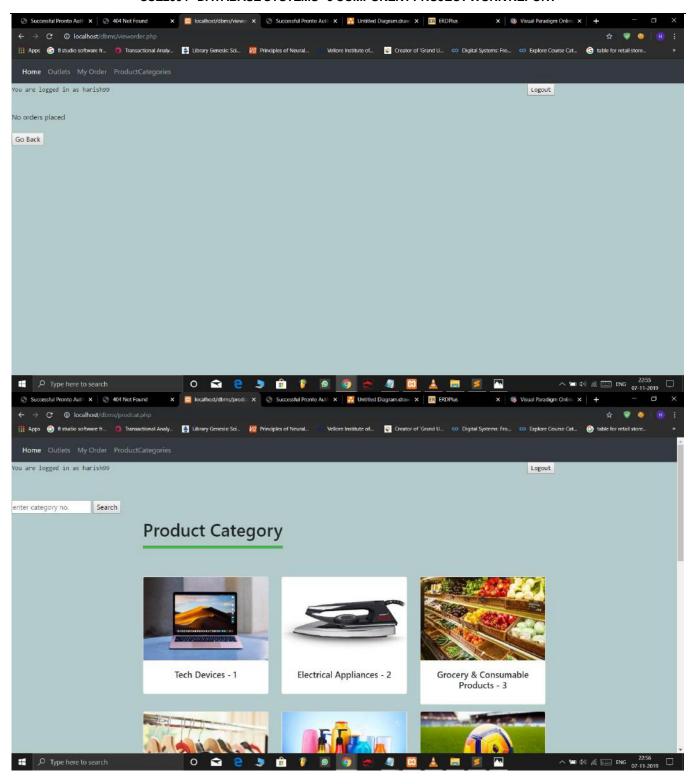


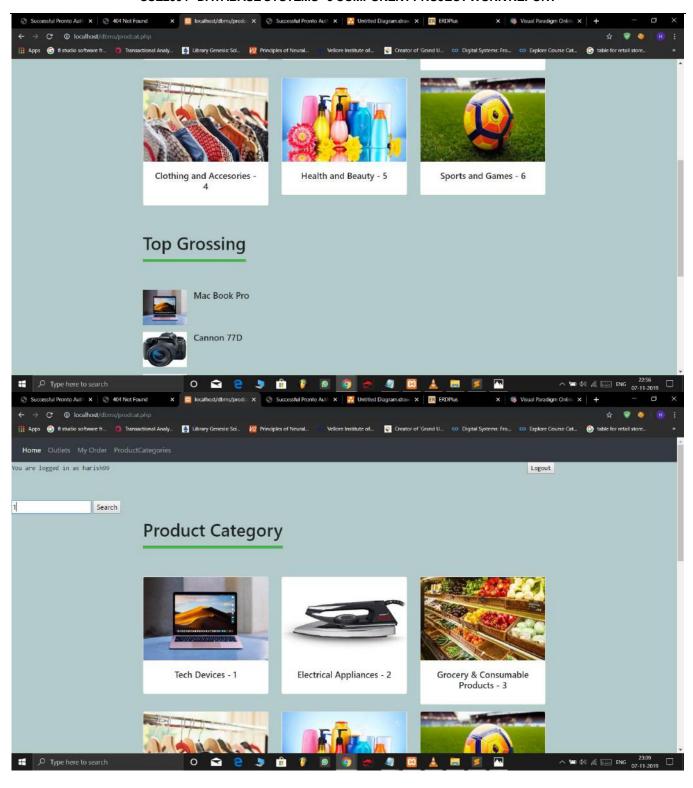


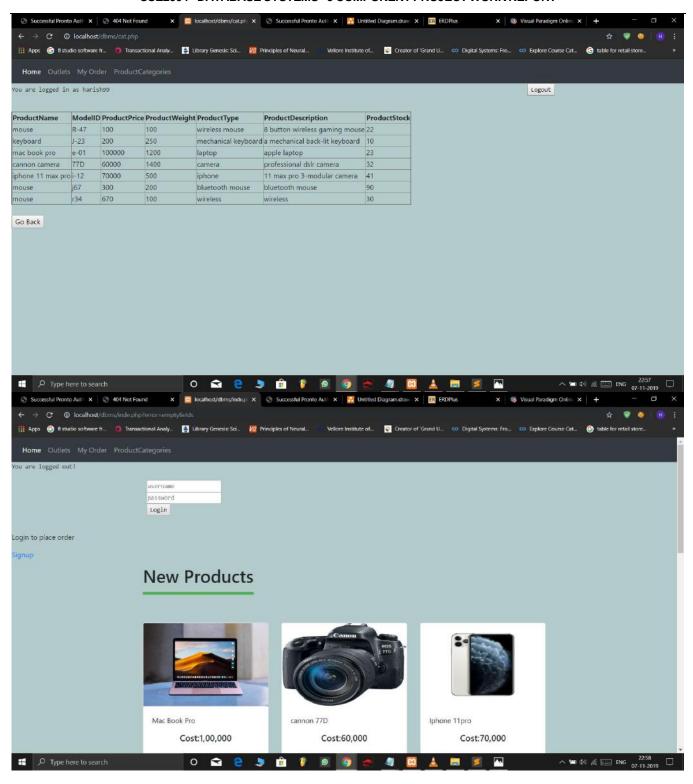


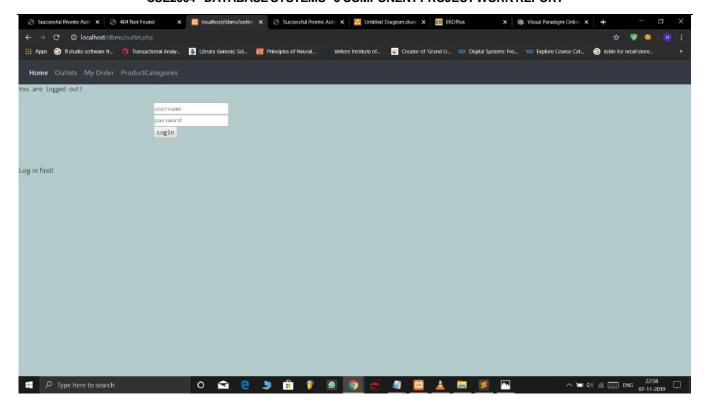


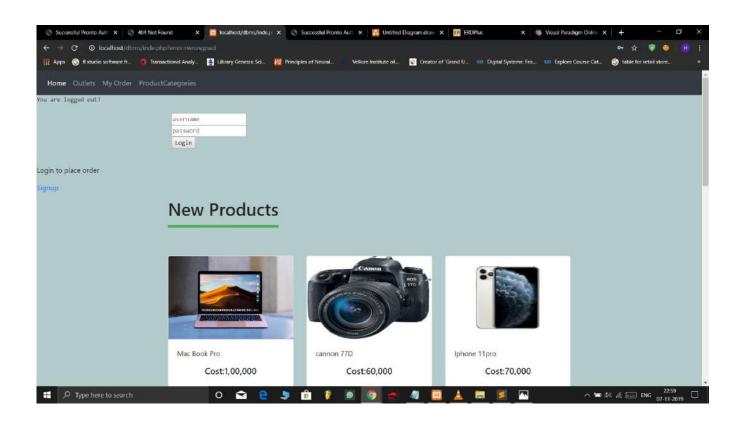


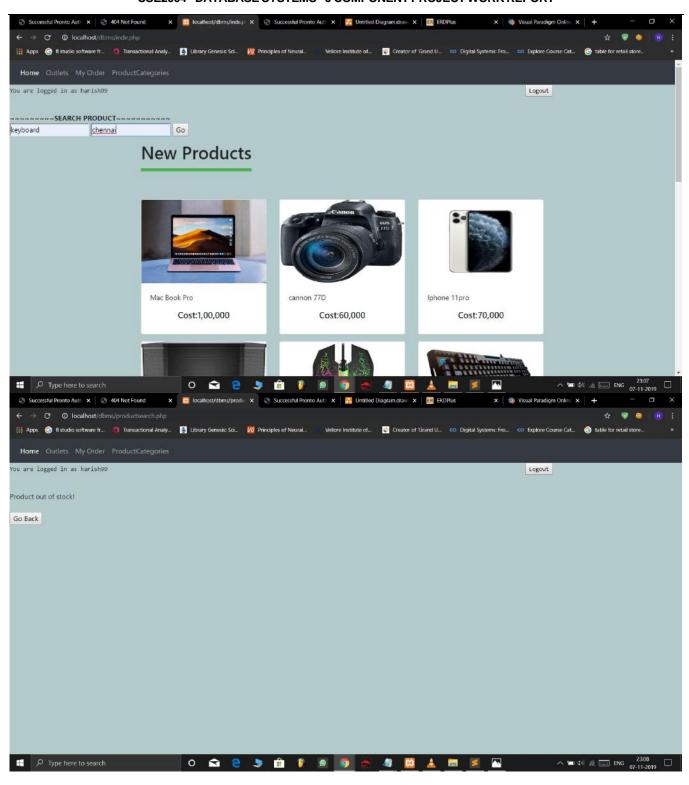


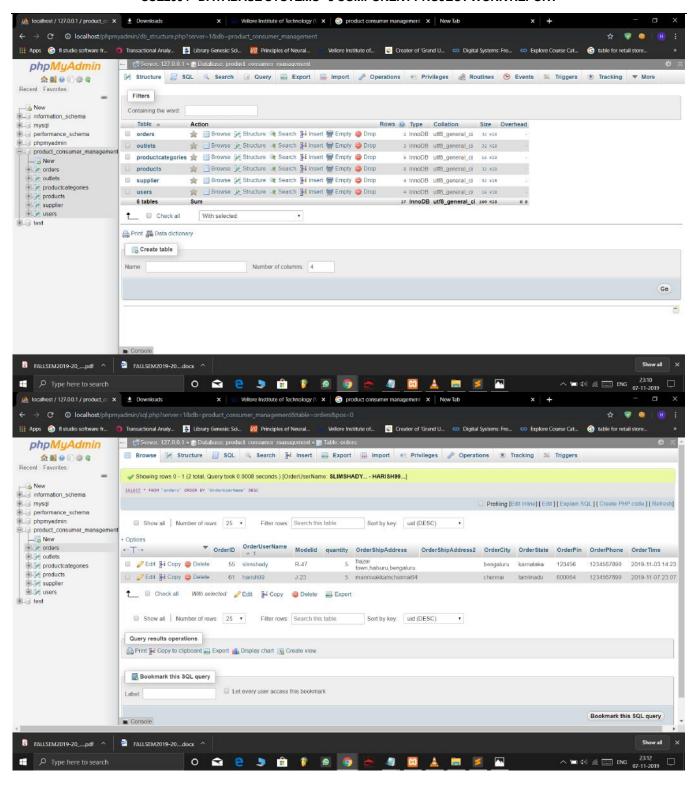


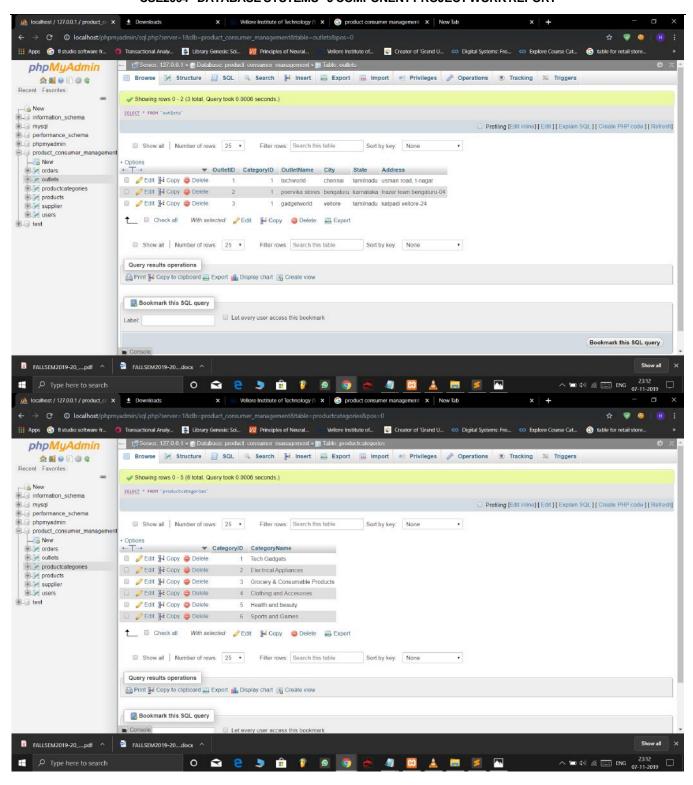


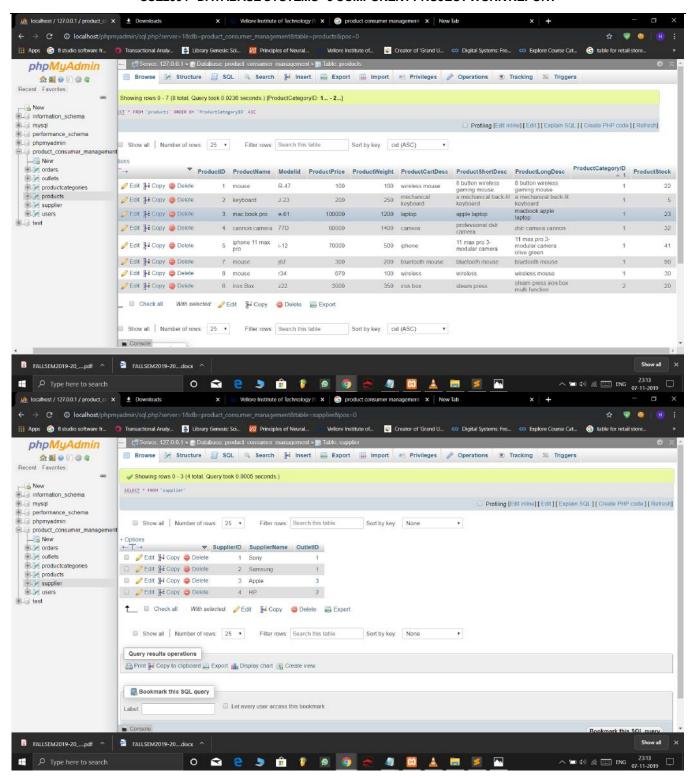


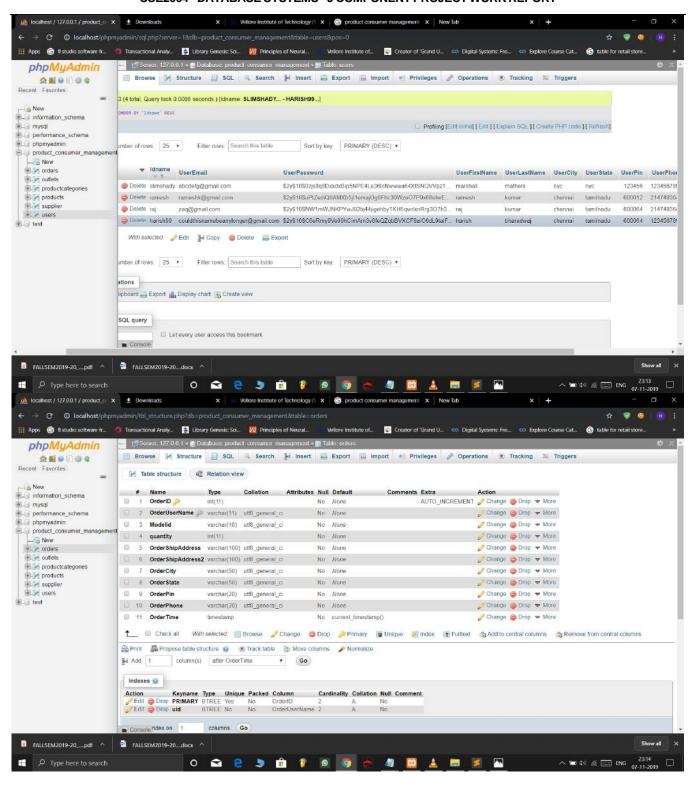


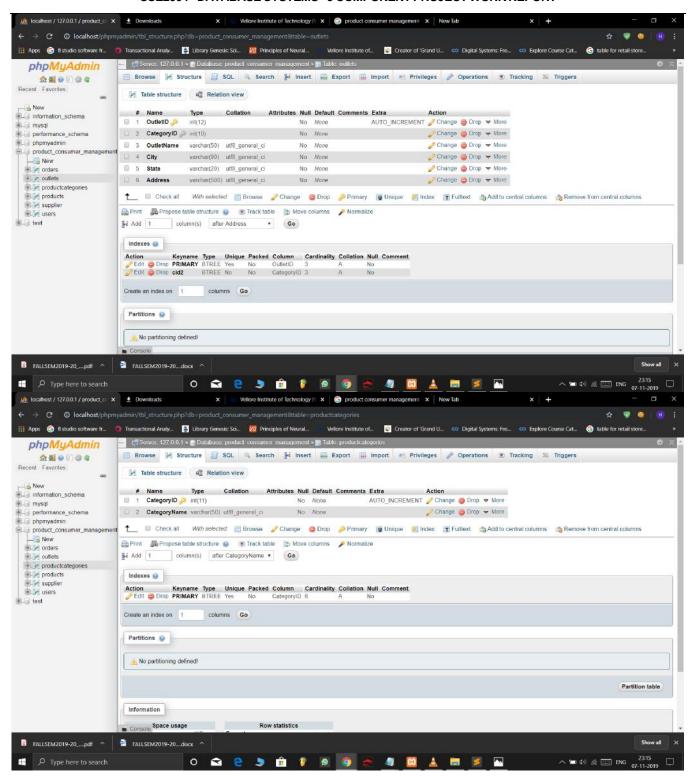


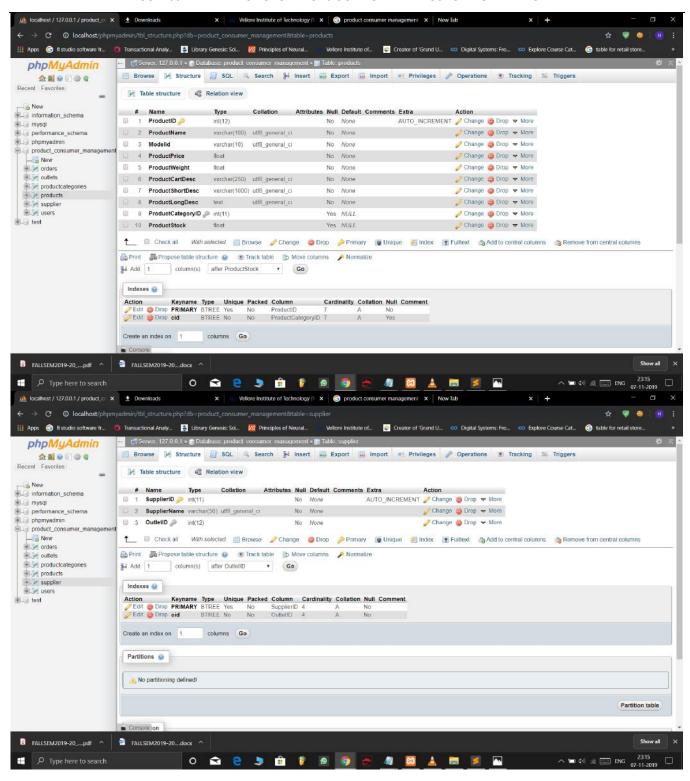


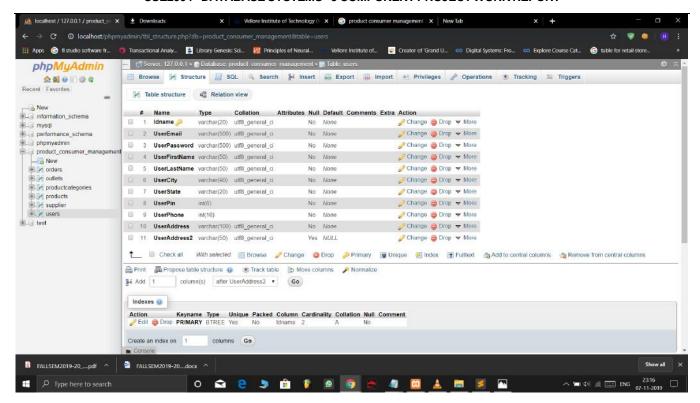












8. CONCLUSION

The project implements the fundamental e-commerce features and helps local vendors compete with other commerce sites. Many user would also prefer buying their products locally unless it isn't available. Thus this type of e-commerce groups local shops together and this would have huge scope in future and beneficial for both vendors and the consumers.