Rajiv Gandhi University of Knowledge Technologies

R.K Valley, Y.S.R Kadapa (Dist)-516330

A
Project Report
on

ONLINE VEGETABLE MARKET MANAGEMENT SYSTEM

Submitted by

D.Dora Babu R170589
G.Mahesh R170642

Under the guidance of

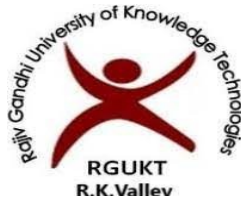
M.Hima Bindu
(Assistant Professor)

Department of Computer Science Engineering

This project report has been submitted in fulfilment of the requirements for the Degree of Bachelor of Technology in software Engineering.

Feb - 2023

Rajiv Gandhi University of Knowledge Technologies
IIIT, R. K. Valley, YSR Kadapa (Dis) -516330



CERTIFICATE

This is to certify that report entitled "**Online Vegetable market management system**".Submitted by D.Dorababu (R170589),G.Mahesh (R170642) in partial fulfilment of the requirements of the award of bachelor of technology in computer science engineering is a bona fide work carried by them under the supervision and guidance.

The report has been not submitted previously in part or full to this or any other university or institute for the award of any degree or diploma.

GUIDE
Ms. M.Hima Bindu
Assistant Professor
RGUKT,RK-Valley

HEAD OF THE DEPARTMENT
Mr. N. Satyanandram
HOD OF CSE
RGUKT,RK-Valley

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of any task would be incomplete without the mention of the people who made it possible and who's constant guidance and encouragement crown all the efforts success.

We would like to express my sincere gratitude to **Ms. M. Hima Bindu,** my project guide for valuable suggestions and keen interest throughout the progress of our project.

We are grateful to **Mr. N. Satyanandram HOD CSE**, for providing excellent computing facilities and congenial atmosphere for progressing our project.

At the outset, we would like to thank **Rajiv Gandhi University of Knowledge Technologies (RGUKT),** for providing all the necessary resources and support for the successful completion of my course work.

DECLARATION

We hereby declare that this report entitled "**Online Vegetable Market management system**". Submitted by us under the guidance and supervision of **Ms.M.Hima Bindu** is a bonafide work. We also declare that it has not been of Submitted previously in part or in full to this University or other institution for the award of any degree or diploma.

Date: - 05-05-2023 D.Dorababu(R170589)

Place: - RK Valley G.Mahesh(R170642)

INDEX

ABSTRACT

Online vegetable market management system is used to customers for home delivery of vegetables.It allows customers to order vegetables from any location of their choice. It also allows customers to select multiple vegetables and add to cart and place an order. instead of being, going to market, here customer can get home delivery without any physical efforts.Additionally, it can save time for customers.
it allows customers to access the online website at a time of their comfort.it also provide jobs for delievering people. The customers will get the vegetables with low cost during offers.

In this work the proposal is made to online marketing of vegetables.In this project I tried to develop a website for online marketing.Online Vegetable market management is an intranet Web based application which can be accessed all over the organization. This application is automated software application. Each customer is provided with unique id and password for log in to system and can acess the respected items of vegetables.Adminwill update the avalability of vegetables from time to time. This method will improve the process of online marketing organization by saving time This project will reduce the physical work and maintain easy way to buying vegetables

- Admin has the right to maintain the entire database of customers.
- Admin update the availability of vegetable items regularly.

INTRODUCTION

Online vegetable market management system is web based technology which brings up various diagnosis works online.Here users are first allowed to register on the website and provide personalinformation Once registered with their address and contact details, the users may now access the content. The user will select the respective vegetables item and can place an order. In Online vegetable market management system we use HTML,CSS,JAVA SCRIPT,PHP and MySQL database

This database can be accessed any time by the admin .The admin of the system can add new vegetable items by updating the content from time to time. The admin only can authorized in adding new vegetable items

Following components make this project useful: -

- User can select respective items of vegetables.
- The database is secured.

PURPOSE

The benefits of Online vegetable market management system include following benifits:
Save time, Reduce cost , Produce Quality vegetables

Save time : customers who were doing jobs can place an order for home delivery.it will save time for them instead of going to market.

Reduced Costs: the cost of vegetables can be low due to the offers.the cost of vegetables in markert is more than to compare online market.

Produce Quality vegetables : this will provide a quality vegetables to the customers imported from the farmers .it will better to health.

OVERALL DESCRIPTION

- A default customer and provider can be generated by through this system.

In this project we have two modules i.e:

1. **Admin**

    - **Add / View vegetable items:** Can add a new vegetables into the system. Admin can view login details.

    - **Database:** System allows admin to view customer login details.

2. **User**

    - **Login:** Here, user need to enter the login credentials into the application in order to login.

    - **Access content**: User can order a vegetables to a specified location.

EXISTING SYSTEM

Our traditional model of buying vegetables is going to market and buy the vegetables. The market consists of all type of vegetables ,consumer have to go directly to the market to buy vegetables because they can touch,smell and taste the vegetables for checking the quality.It consumes more time to go to market.it will be additional work for choosing a quality vegetables.

DRAWBACKS OF EXISTING SYSTEM

- It consumes more time.
- It needs Physical efforts.
- Cash payments in most of time.
- It is not available 24 hrs.
- Somtimes available only fewer choices in shops.

1. **It consumes more time:**

   It will take more time to go to market for buying vegetables and for searching of quality vegetables.

2. **It needs Physical efforts:**

   cosumers have to travel to market through the vehicles and after buying vegetables they have to carried vegatables to the home.

3. **Cash payments in most of time:**

   In offline market,most of shops run with the cash payments only,they dont have any online payments.

4. **It is not available 24hrs:**

   the shops in the market are not available 24 hours.the shops will be closed after the specified time.

PROPOSED SYSTEM

- Considering the drawbacks of existing system, the proposed system has been implemented.
- Proposed system is accessed by two entities namely, Admin and user.
- Admin need to login with their valid login credentials first in order to access the web application.
- After successful login, Admin has the right to create and grant all the permissions in the application.
- Admin can perform tasks such as adding new vegetables and increasing prices of vegetables.
- After successful user registration,consumers can select respective vegetable items.
- Admin can view consumer login details whenever required.
- It is designed with highly authentication, provides more security.

Overview of Software

APACHE

The Apache HTTP Server Project is an effort to develop and maintain an opensource HTTP server for modern operating systems including UNIX and Windows. The goal of this project is to provide a secure, efficient and extensible server that provides HTTP services in sync with the current HTTP standards. The Apache HTTP Server was launched in 1995 and it has been the most popular web server on the Internet since April 1996. It has celebrated its 20th birthday as a project in February 2015.

PHP

PHP stands for PHP: Hypertext Preprocessor.
PHP is a server-side scripting language, like ASP.
PHP scripts are executed on the server.
PHP supports many databases (MYSQL, Informix, Oracle, Sybase, Solid,etc).
PHP is an open source software.
PHP is free to download and use.

MYSQL

MYSQL is a database server.
MYSQL is ideal for both small and large applications.
MYSQL supports standard SQL.
MYSQL compiles on a number of platforms.
MYSQL is free to download and use.
How to access MySQL:
http://localhost/phpmyadmin

IMPLEMENTATION

The online vegetable market management system has been designed with latest technology of servlets ad front-end HTML, CSS, JavaScript. In order to increase the use of the application and make it easy to use and attractive, Bootstrap and its CSS libraries are used. The system uses MySQL as a database management system for the database, and the techniques for selecting a different database for the system such as phpMyAdmin. The basic parts of the system are Admin and user.

This website is deployed using localhost so that we can access by browser.And finally the following server is used to run the localhost project.

Launch an Xampp

Xampp is a cross platform webserver ,which helps to create and test the programs on a local webserver.It consists of Apache HTTP Server,MysqlDB and Interpeter for different programming languages like PHP and Perl.It is available in 11 languages and supported by different platforms such as the IA-32 package of Windows & X64 package of macOS and Linux.

❖ SOFTWARE COMPONENTS

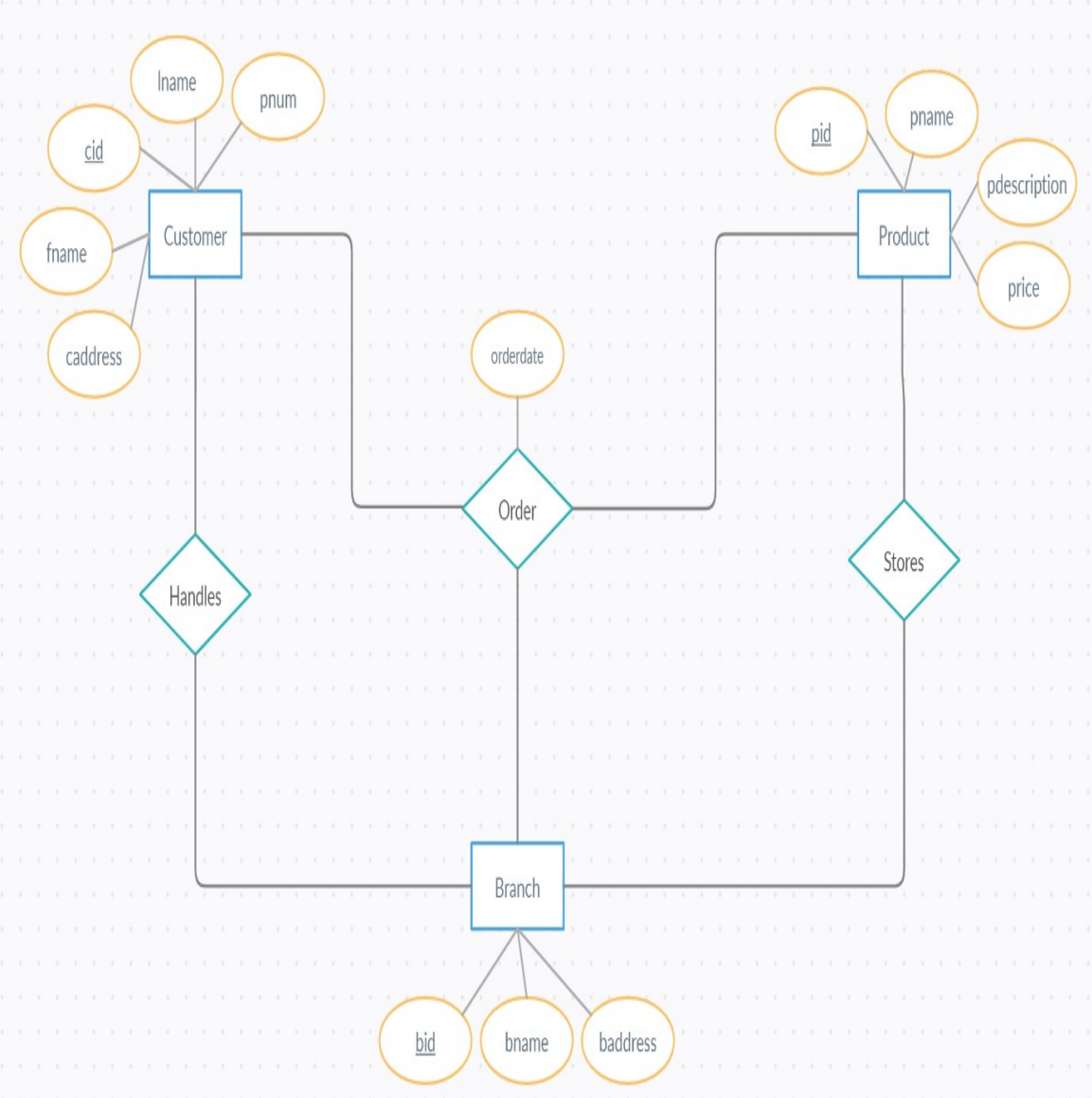
- Windows 7 or above
- SQL Server 2008
- Wamp server
- Technologies: - HTML, CSS, JavaScript, PHP, MySQL, Bootstrap

❖ Hardware Components:

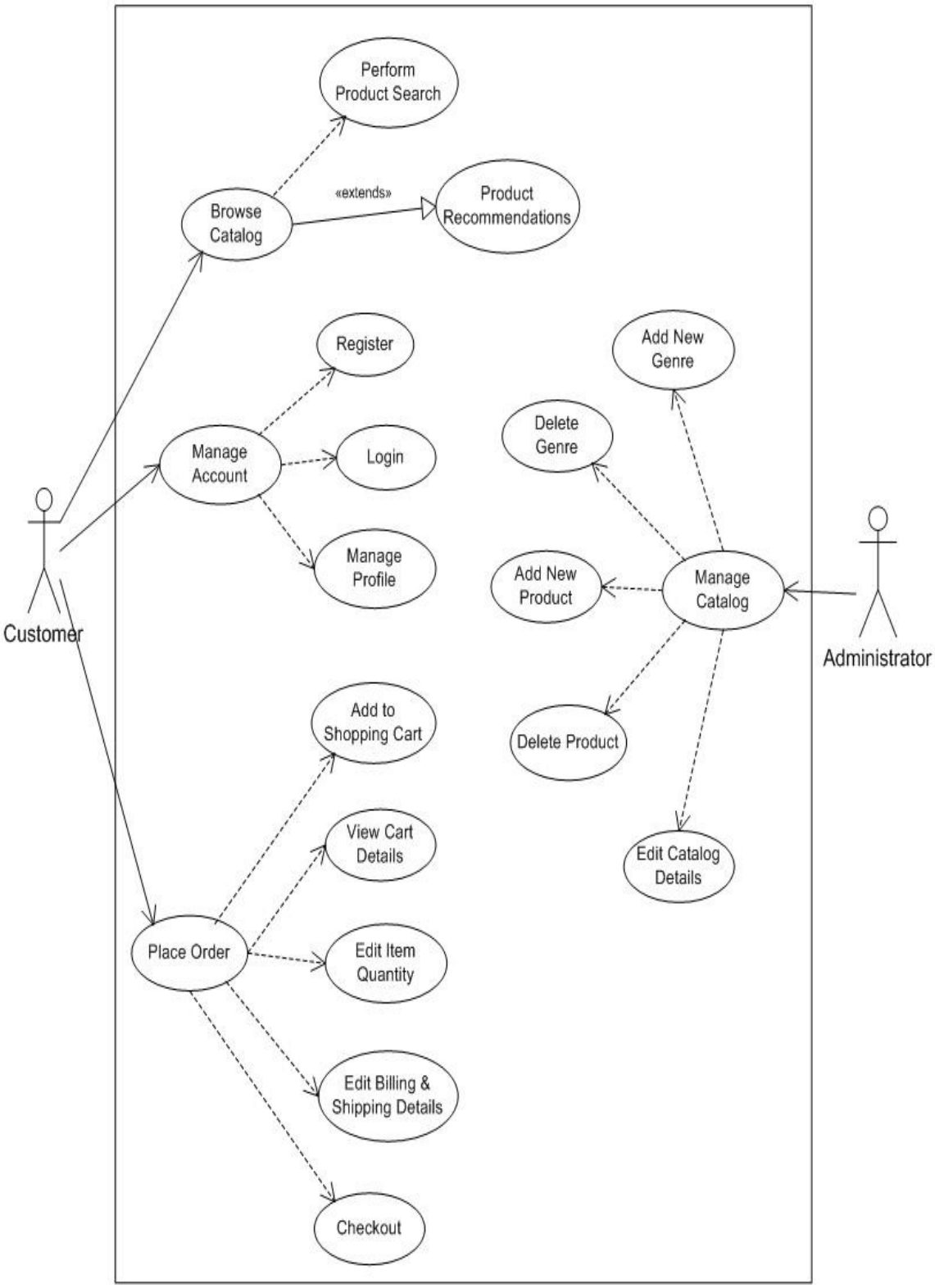
- Processor – Core i5
- Hard Disk – 160 GB
- Memory – 2GB
- Internet Connection

WORKING MODEL

- **E-R DIAGRAM**



- **USE CASE DIAGRAM:**



FUNCTIONAL TESTING

Implementation and System Testing

After all phase have been perfectly done, the system will be implemented to the server and the system can be used.

System Testing

The goal of the system testing process was to determine all faults in our project .The program was subjected to a set of test inputs and many explanations were made and based on these explanations it will be decided whether the program behaves as expected or not. Our Project went through two levels of testing, 1. Unit testing 2 .Integration testing

Unit Testing

Unit testing is commenced when a unit has been created and effectively reviewed .In order to test a single module we need to provide a complete environment i.e. besides the section we would require The procedures belonging to other units that the unit under test calls Non local data structures that module accesses .A procedure to call the functions of the unit under test with appropriate parameters.

1. Test for the admin module

Testing admin login form:This form is used for log in of administrator of the system. In this form we enter the username and password if both are correct administration page will open otherwise if any of data is wrong it will get redirected back to the login page and again ask the details

2.Testing user login form: This form is used for log in of user of the system. In this form we enter the username and password if both are correct administration page will open otherwise if any of data is wrong it will get redirected back to the login page and again ask the details

Integration Testing:

In the Integration testing we test various combination of the project module by providing the input.The objective is to test the module interfaces in order to confirm that no errors are occurring when one module invokes other module.

CONCLUSION

This project helps to access the data via web browser through the internet.The system can be used for consumer for Online marketing.Data will be highly secured, it saves consumers time.Maintaining the all secured and database on the public server which will be accessible anytime, anywhere.It is very efficient as compared to storing all the data in the physically in the record books.

REFERENCES

1. https://www.w3schools.com/php/default.asp
2. https://www.w3schools.com/MySQL/default.asp
3. https://www.w3schools.com/bootstrap4/default.asp

----THANK YOU----