

Project Report
On
GREEN & MORE
AN AGRICULTURAL WEBSITE

Submitted in partial fulfillment for the award of

Diploma in Advance Computing
from C-DAC Noida



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We thank the entire faculty and the staff members of CDAC Noida for their support. Last but not least we are also thankful to all those who help directly or indirectly to develop this project and complete it successfully.

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1. Introduction of Project:

The purpose of This Project is to automate the existing manual system by the help of computerized equipment's and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.

Green & More, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus, it will help organization in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information.

The aim is to automate its existing manual system by the help of computerized equipment's and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. Basically, the project describes how to manage for good performance and better services for the clients.

2. Product Overview and Summary

1. Purpose:

The main Purpose of the Project on Online Vegetable Store is to manage the details of Grocery, Customer, Order, Stock, Vegetable Item. It manages all the information about Grocery, Address, Vegetable Item, Grocery. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Grocery, Customer, Address, Order. It tracks all the details about the Order, Stock, Vegetable Item.

2. Scope:

It may help collecting perfect management in details. In a very short time, the collection will be obvious, simple and sensible. It will help a person to know the management of passed year perfectly and vividly. It also helps in current all works relative to Online Vegetable Store. It will be also reduced the cost of collecting the management & collection procedure will go on smoothly.

3. Overview:

It generates the report on Grocery, Customer, Address

Provide filter reports on Order, Stock, Vegetable Item

You can easily export PDF for the Grocery, Address, Stock

Application also provides excel export for Customer, Order, Vegetable Item

You can also export the report into csv format for Grocery, Customer, Vegetable Item

4. Feasibility Study

After doing the project Green & More, study and analyzing all the existing or required functionalities of the system, the next task is to do the feasibility study for the project. All projects are feasible - given unlimited resources and infinite time.

Feasibility study includes consideration of all the possible ways to provide a solution to the given problem. The proposed solution should satisfy all the user requirements and should be flexible enough so that future changes can be easily done based on the future upcoming requirements.

➤ **Technical Feasibility:**

This included the study of function, performance and constraints that may affect the ability to achieve an acceptable system. For this feasibility study, we studied complete functionality to be provided in the system, as described in the System Requirement Specification (SRS), and checked if everything was possible using different type of frontend and backend platforms.

➤ **Operational Feasibility:**

No doubt the proposed system is fully GUI based that is very user friendly and all inputs to be taken all self-explanatory even to a layman. Besides, a proper training has been conducted to let know the essence of the system to the users so that they feel comfortable with new system. As far our study is concerned the clients are comfortable and happy as the system has cut down their loads and doing.

3. Overall Description:

1. Product Features

- Vegetable Item and Component based
- Creating & Changing Issues at ease
- Query Issue List to any depth
- Reporting & Charting in more comprehensive way
- User Accounts to control the access and maintain security
- Simple Status & Resolutions
- Multi-level Priorities & Severities.
- Targets & Milestones for guiding the programmers
- Attachments & Additional Comments for more information
- Robust database back-end
- Various level of reports available with a lot of filter criteria's
- It contains better storage capacity.
- Accuracy in work.
- Easy & fast retrieval of information.
- Well-designed reports.
- Decrease the load of the person involve in existing manual system.
- Access of any information individually.
- Work becomes very speedy.
- Easy to update information

2. Technology Used

HTML: Page layout has been designed in HTML

CSS: CSS has been used for all the designing part

JavaScript: All the validation task and animations has been developed by JavaScript

JSP: All the front-end logic has been written in JSP

Java: All the business logic has been written in Java

MySQL: MySQL database has been used as database for the project

Tomcat: Project will be run over the Tomcat server

3. Software Requirement Specification: --

The Software Requirements Specification is produced at the culmination of the analysis task. The function and performance allocated to software as part of system engineering are refined by establishing a complete information description, a detailed functional and behavioral description, an indication of performance requirements and design constraints, appropriate validation criteria, and other data pertinent to requirements.

4. System Design of Green & More

In this phase, a logical system is built which fulfils the given requirements. Design phase of software development deals with transforming the client's requirements into a logically working system. Normally, design is performed in the following in the following two steps:

1. Primary Design Phase:

In this phase, the system is designed at block level. The blocks are created on the basis of analysis done in the problem identification phase. Different blocks are created for different functions emphasis is put on minimizing the information flow between blocks. Thus, all activities which require more interaction are kept in one block.

2. Secondary Design Phase:

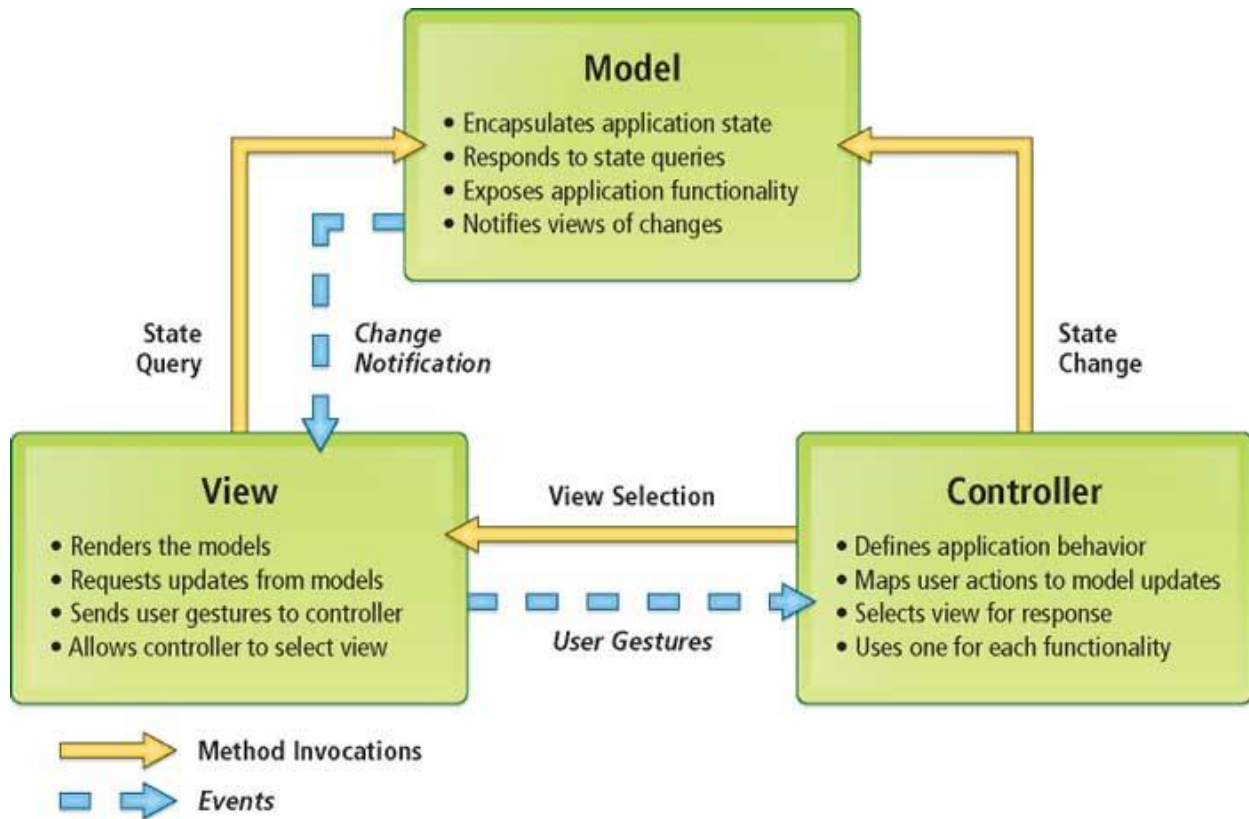
In the secondary phase the detailed design of every block is performed.

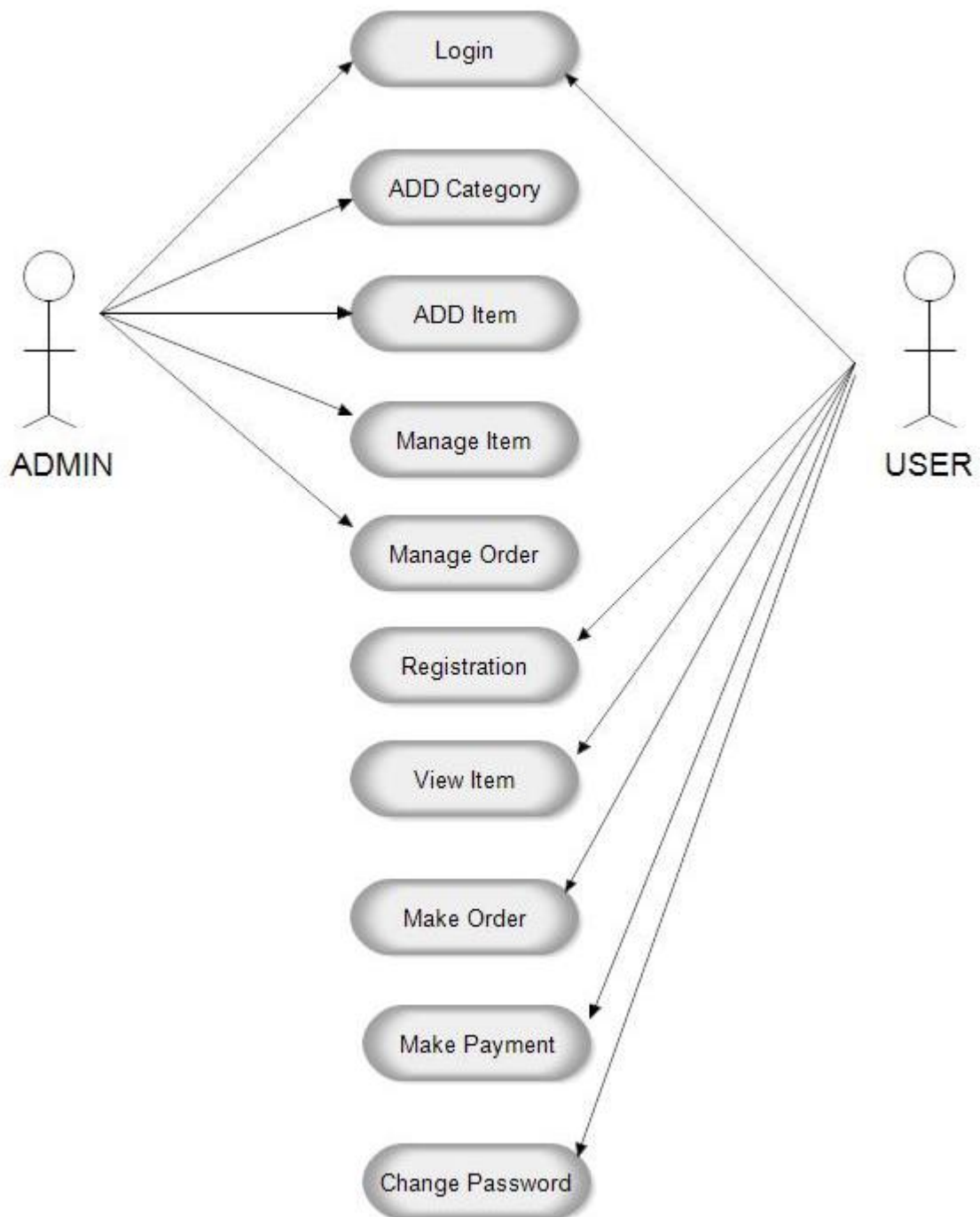
4. REQUIREMENTS

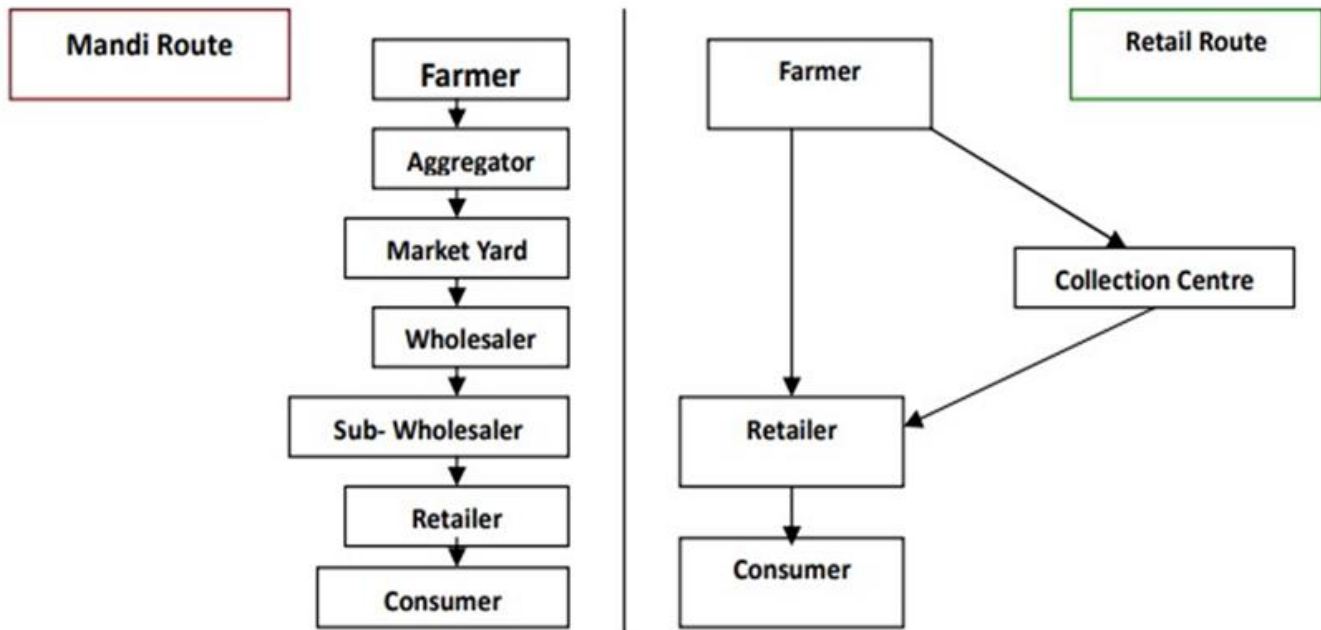
1. FUNCTIONAL REQUIREMENTS

- **Complete System:**

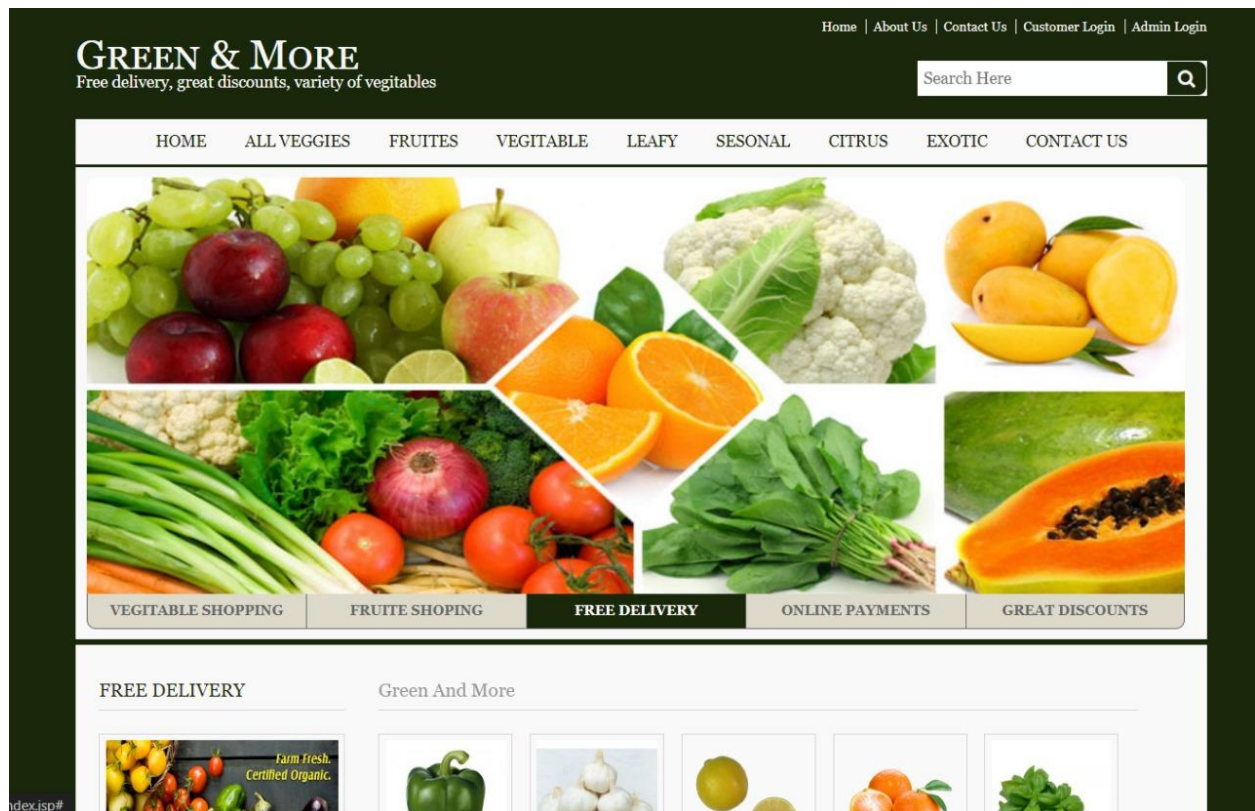
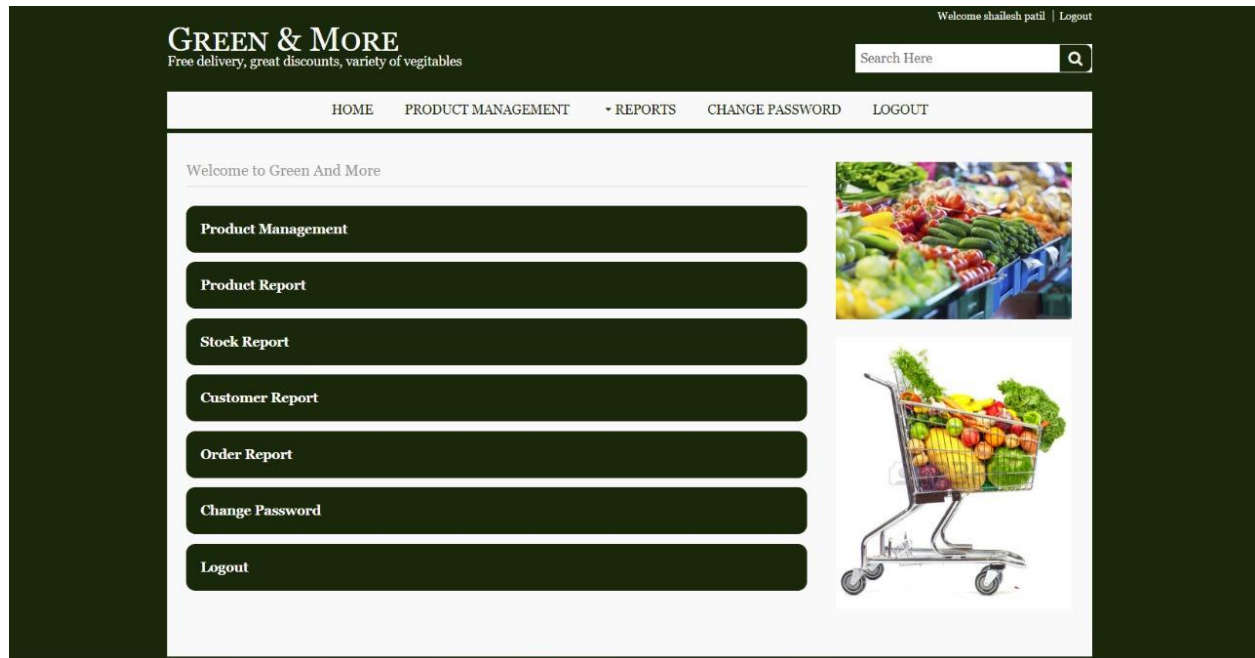
DATA FLOW DIAGRAMS



USE CASE DIAGRAM



4.2 Main Page:-



4.2 USER INTERFACE REQUIREMENTS

USER/ADMIN REGISTER PAGE

GREEN & MORE
Free delivery, great discounts, variety of vegetables

Home | About Us | Contact Us | Customer Login | Admin Login

Search Here

HOME ALL VEGGIES FRUITES VEGETABLE LEAFY SESONAL CITRUS EXOTIC CONTACT US

Registration Form

Personal Details

Name* Mobile*

Password* Confirm Password*

Email*

Address Details

Address* City*

State
Please Select

Shipping Address

Name*

Street*

House No*



City*

State*

Country*

Pincode*

Proceed to Payment




USER / ADMIN LOG-IN PAGE

GREEN & MORE

Free delivery, great discounts, variety of vegetables

[Home](#) | [About Us](#) | [Contact Us](#) | [Customer Login](#) | [Admin Login](#)



[HOME](#) [ALL VEGGIES](#) [FRUITES](#) [VEGITABLE](#) [LEAFY](#) [SESONAL](#) [CITRUS](#) [EXOTIC](#) [CONTACT US](#)

Customer Login Form

Username *

Password *

Login

Cancel

[Click her for register](#)

PRODUCT PAGE

GREEN & MORE

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Search Here

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Details of Amarnath



Name	Amarnath
Company	Reliance Fresh
Type	Leafy Vegetables
Price	₹ 30.00/- Per 100 Gram
Quantity	100 Gram ▾
Description : Amarnath	

[Add to Cart](#)

Recommended Products



Watermelon
Fresh World
₹ 16.00 (100 Gram)



Peas
Spencers
₹ 12.00 (100 Gram)



Basil
Reliance Fresh
₹ 60.00 (100 Gram)



Potato
Spencers
₹ 4.00 (100 Gram)



Strawberry
Spencers
₹ 70.00 (100 Gram)

Advertisement

CART PAGE

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Search Here

Q

HOMEALL VEGGIESFRUITESVEGITABLELEAFYSESONALCITRUSEXOTICCONTACT US

Cart Report

Sr. No	Product	Price Per 100 Gram	Item Weight	Total	Action
1	<div>Amarnath</div>	₹ 30.00 (100 Gram)	100 Gram	₹ 30.00	<div>X</div>
Total Amount				₹ 30.00	

Continue Shopping


Proceed to Checkout

CHECKOUT PAGE

GREEN & MORE

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Order Confirmation

Order ID : 19

Order details are as below :

Sr. No	Product	Price Per 100 Gram	No. of Items	Total
1	 Amarnath	₹ 30.00	100 Grams	₹ 30.00
2	 Apple	₹ 55.00	100 Grams	₹ 55.00
Total Amount				₹ 85.00

ORDER PAGE

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HOME

SHOPPING MORE

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MY ACCOUNT

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Order Report

Order ID	Date	Amount	Status	Action
1	Tue Nov 20 12:56:56 IST 2023	₹ 10000.00	Processing	View Items
2	Tue Nov 20 12:56:56 IST 2023	₹ 10000.00	Processing	View Items
17	Wed Feb 28 15:28:10 IST 2024	₹ 107.00	Processing	View Items
18	Wed Feb 28 15:29:24 IST 2024	₹ 295.00	Processing	View Items
19	Wed Feb 28 23:29:10 IST 2024	₹ 85.00	Processing	View Items
20	Thu Feb 29 00:31:03 IST 2024	₹ 105.00	Processing	View Items
3	Tue Nov 20 12:56:56 IST 2023	₹ 10000.00	Dispatched	View Items

PAYMENT PAGE

Welcome shanesh patil | Logout

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Make Payment

DISCOVER
NETWORK

MasterCard

VISA

AMERICAN EXPRESS

Credit Card Number*

Name on Credit Card*

Credit Card Type*

Please Select

Expiry Date*

Month

Year



CVV No.*

Amount Paid*

85

Make Payment

Cancel Payment



5. FUTURE SCOPE:

In a nutshell, it can be summarized that the future scope of the project circles around maintaining information regarding:

- We can add printer in future.
- We can give more advance software for Online Vegetable Store including more facilities
- We will host the platform on online servers to make it accessible worldwide
- Integrate multiple load balancers to distribute the loads of the system
- Create the master and slave database structure to reduce the overload of the database queries
- Implement the backup mechanism for taking backup of codebase and database on regular basis on different servers

6. Limitation of Project on this Project:

Although we have put our best efforts to make the software flexible, easy to operate but limitations cannot be ruled out even by me. Though the software presents a broad range of options to its users some intricate options could not be covered into it; partly because of logistic and partly due to lack of sophistication. Paucity of time was also major constraint, thus it was not possible to make the software foolproof and dynamic. Lack of time also compelled me to ignore some part such as storing old result of the candidate etc.

Considerable efforts have made the software easy to operate even for the people not related to the field of computers but it is acknowledged that a layman may find it a bit problematic at the first instance. The user is provided help at each step for his convenience in working with the software.

6.1. List of limitations which is available in this project:

- Excel export has not been developed for Grocery, Customer due to some criticality.
- The transactions are executed in off-line mode, hence on-line data for Order, Stock capture and modification is not possible.
- Off-line reports of Grocery, Vegetable Item, Order cannot be generated due to batch mode execution.

7. References and Bibliography:

- Database Programming with JDBC and Java by O'Reilly
- Head First Java 2nd Edition
- <http://www.jdbc-tutorial.com/>
- Java and Software Design Concepts by Apress
- <https://www.tutorialspoint.com/java/>
- <http://www.javatpoint.com/java-tutorial>
- <https://docs.oracle.com/javase/tutorial/>
- <http://www.wampserver.com/en/>
- <http://www.JSP.net/>
- <http://httpd.apache.org/docs/2.0/misc/tutorials.html>

