Project Report:- Online Bakery System

Internet Programming Laboratory (CSE 326)

By

Sr. No.	Registration No.	Name of Students	Roll No.	Phone Number	E-mail
1	11907524	Battula Naga Prasanth Reddy	19	7569978779	battulanagaprasanth2324@gmail.com
2	11907868	Vasu Goel	20	9365062134	vasugoel.skg@gmail.com
3	11908323	Miriyala Vishnu Vardhan	21	9652035805	miriyalavishnuvardhan01@gmail.com

Submitted to Nikita Kaushik

Lovely Professional University Jalandhar, Punjab, India

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INTRODUCTION

A **WEBSITE** is a collection of web pages and related content that is identified by a common domain name and published on at least one web server.

The pages of websites can usually be accessed from a common root URL that is **"localhost/Online Bakery System/index.html"** and usually reside on the same physical server. The URLs of the pages organize them into a hierarchy, although the **hyperlinks** between them control how the reader perceives the overall structure and how the **traffic** flows between the different parts of the sites.

The working of the project is as follows:-

The first page provides several links. The Home page contains several information about the site like about categories, offers, customer services, trending foods etc.

User login module helps the user to login to his account. For that he must type the username and password correctly. The login provision in this page helps the already registered user to directly access the site and there is a link for registration to a user who is new to this site.

NEED OF PROJECT

- Online Bakery website helps the users to order any bakery product online from their home without facing any payment issues.

- It also helps bakery shops to automate bakery selling online, and also helps bakery shops to take cc payments.

- This system can be used to sell like chain of Bakery shops from a single site, as many bakery shops can join our site and they can serve their products to various parts of the country through our site.

- User can register on the system and get his online account on site. User can login to system and check various bakery items.

- The bakery products are arranged and can be viewed in categories. Users can add new items to cart. User may order a custom cake as per his needed flavor, size, and shape on site.

- The users can also pay their payment through online mode and we also provide the free delivery and if the user is not satisfied with the service we provide 100% refund policy.

- This site provides home to home delivery and it requires less time for ordering and user also gets a lot of option for choosing the product.

<u>Procedure for running the webpage</u>

- Firstly XAMPP app for the pc from the site given here "https://www.apachefriends.org/index.html" here you will see **"XAMPP FOR WINDOWS"** download that file.

- After downloading the file install the file after installing you will see the XAMPP control panel in the start menu open that app and then you will see two options there one is **"Apache"** and **"MySQL"** in adjacent of them you will see start button click on that button they both will get started and then close the application.

- After doing all these things extract the ZIP file and then copy that file in location **"Local Dsic C: ⟶ xampp ⟶ htdocs"** and paste the file in this location.

- After copying the file in the location then open the link "http://127.0.0.1/phpmyadmin/" in the browser like chrome.

- After opening the link you will see that **"phpMyAdmin"** will get opened and after that just click on the new button (which is on the left side) and then create the database name as **"register"** then click on create button and again click on the new button and create new database named as **"tutorials"** and then click on the create button.

- After all these process click on the **tutorials** button (which is present on the left hand side same as that of new button) after going to tutorials click on the **privileges** button which is present on the top of the page. After going there click on the button **"Add user account"**.

- After clicking on the **add user account** in username write **"tutorial"** in Host name write **"localhost"** (remove that percentage mark) and in password write **"supersecretpassword"** and in re-type again write the same password.

- After all these things scroll down and in the write hand site you will see the go button click on that button and then all the process is completed.

- After that **"http://localhost/OnlineBakerySystem/about.html"** open this link in the browser like chrome and the webpage will start working.

LANGUAGE DESCRIPTION

➢ HTML

Hypertext Markup Language (HTML) is the main markup language for web pages. HTML elements are the basic building-blocks of Webpages.

HTML is written in the form of HTML elements consisting of *tags* enclosed in angle brackets (like <html>), within the web page content. HTML tags most commonly come in pairs like <h1>and </h1>, although some tags, known as *empty elements*, are unpaired, for example <img>. The first tag in a pair is the *start tag*, the second tag is the *end tag* (they are also called *opening tags* and *closing tags*). In between these tags web designers can add text, tags, comments and other types of text-based content.

Web browsers can also refer to Cascading Style Sheets (CSS) to define the appearance and layout of text and other material. The W3C, maintainer of both the HTML and the CSS standards, encourages the use of CSS over explicitly presentational HTML markup.

➢ CSS

Cascading Style Sheets (**CSS**) is a style sheet language used to describe the presentation semantics (the look and formatting) of a document written in a markup language. It's most common application is to style

web pages written in HTML and XHTML, but the language can also be applied to any kind of XML document, including plain XML, SVG and XUL.

CSS specifies a priority scheme to determine which style rules apply if more than one rule matches against a particular element. In this so-called *cascade*, priorities or *weights* are calculated and assigned to rules, so that the results are predictable.

➢ **JAVASCRIPT**

JavaScript uses syntax influenced by that of C. JavaScript copies many names and naming conventions from Java, but the two languages are otherwise unrelated and have very different semantics. The key design principles within JavaScript are taken from the self and Scheme programming languages.

Contrary to popular misconception, JavaScript is not **"Interpreted Java"**. In a nutshell, JavaScript is a dynamic scripting language supporting **prototype based** object construction. The basic syntax is intentionally similar to both Java and C++ to reduce the number of new concepts required to learn the language. Language constructs, such as **"if"** statement, **"for"** and **"while"** loops, and **"switch"** and **"try …. catch"** blocks function the same as in these languages.

STRUCTURE OF WEBSITE

ONLINE BAKERY SYSTEM

| HOME | CUSTOMER SERVICE | LOGIN/ SIGNUP | CART | YOUR ACCOUNT | CATEGORY | OFFER |
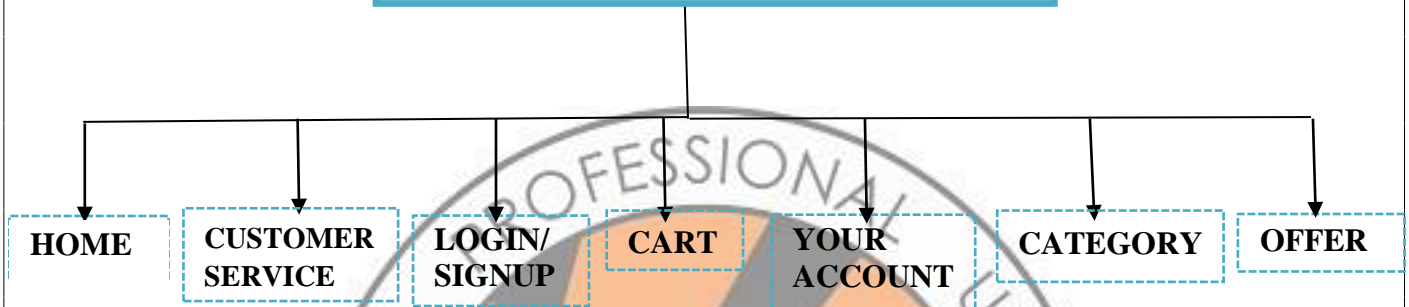
- **Home:-** Here you can see what are the trending food items and you could come to know a lot about the site that what are the various things present in this site.

- **Customer Service:-** Here you could know about our co-members and owner of the site and what is the main aim of our site.

- **Login/Signup:-** Here you login into the system or you can register yourself on the webpage so that you can keep all your past order details.

- **Cart:-** Here you can add all the food items and see the total amount of the products you have added and can also keep record of your food items.

- **Your Account:-** Here you can see your profile that what is your username and what you have added in your cart and what are the transactions you have made.

- **Category:-** Here you can see the various categories of the cakes and biscuits such as wedding cake, birthday cake, kid's cake and many more.

- **Offer:-** Here you can see what are the various offers on cakes as well as on the online payments.

METHODOLOGY

The original intent of the mapping methodology was to determine a process for showing basically front-end of **"ONLINE BAKERY SYSTEM".**
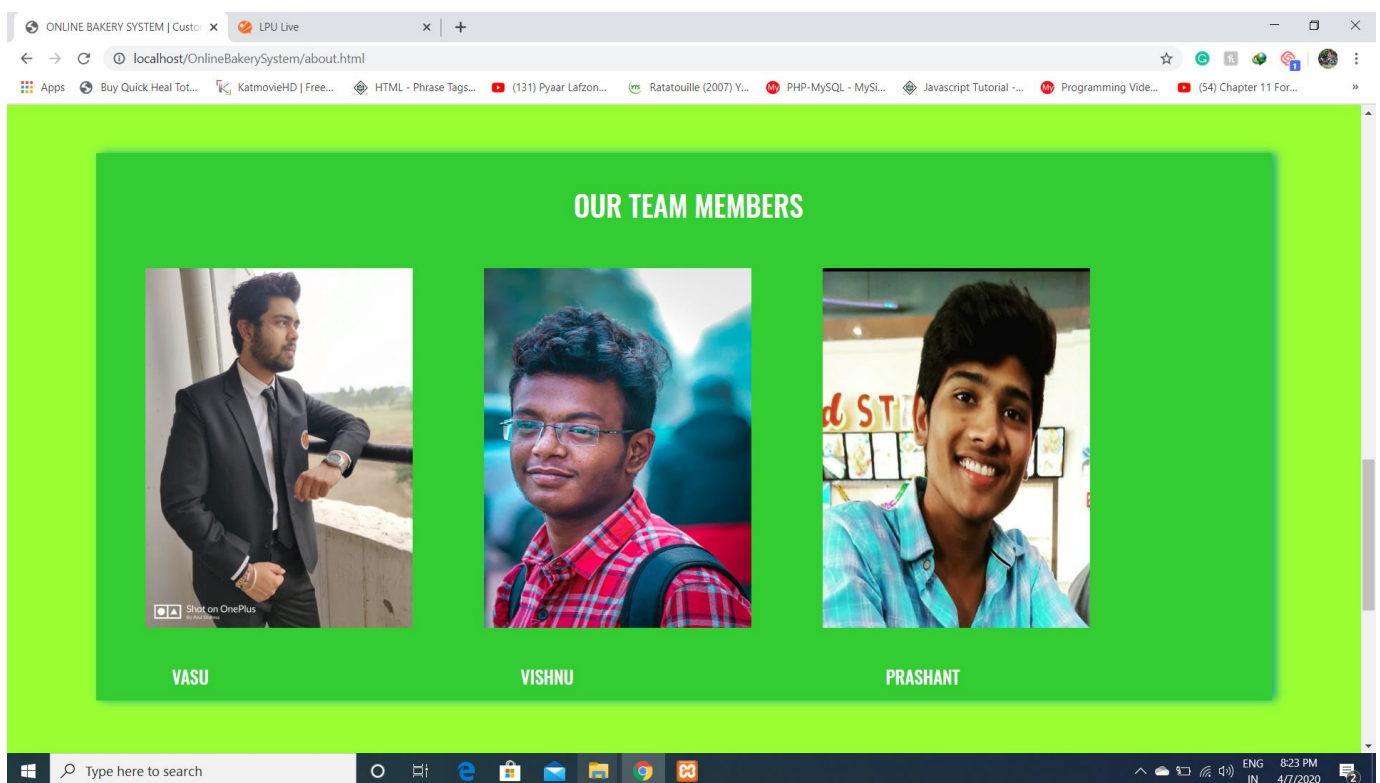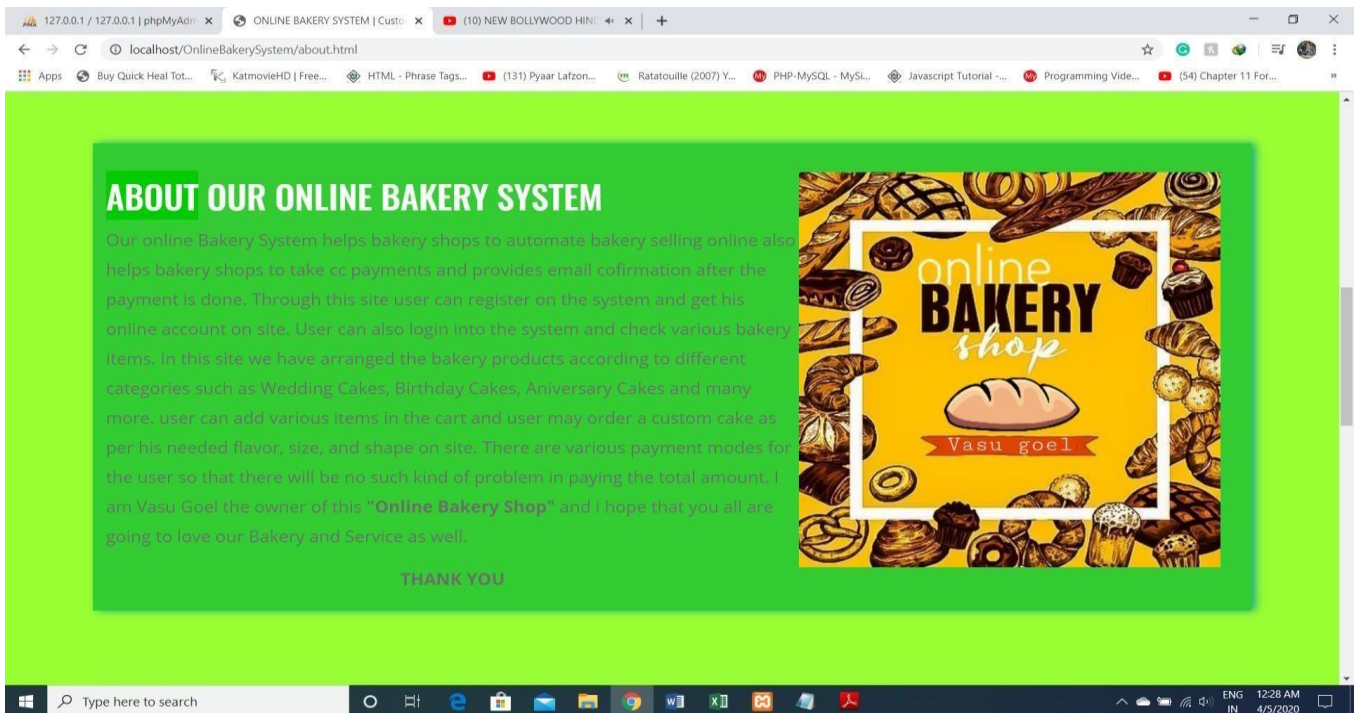
As we know a front-end of any website is a group of web-pages. Similarly, this website consist of the following pages:-

1. **Home:-** Home page is the first page or we can say welcome page consisting some information about the website that about what things does this site consists of and here in this home page we have provided some images of the products which are being made by the bakeries we link and some details of the trending food items which are being delivered by our site. Also it provides the terms and conditions of the website.
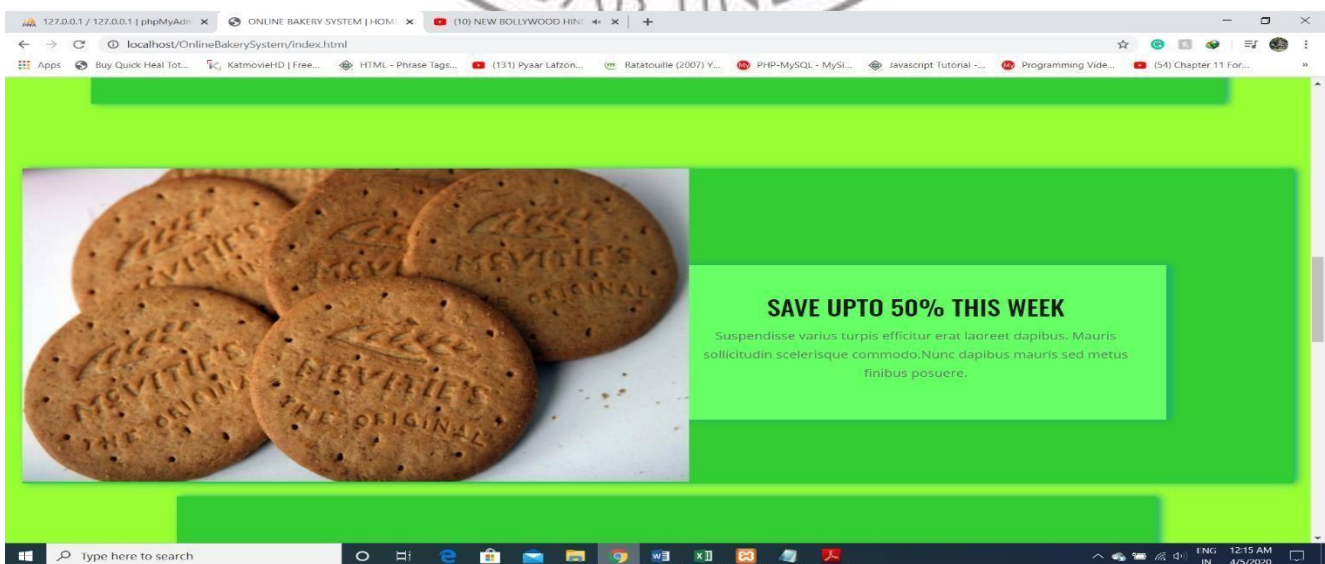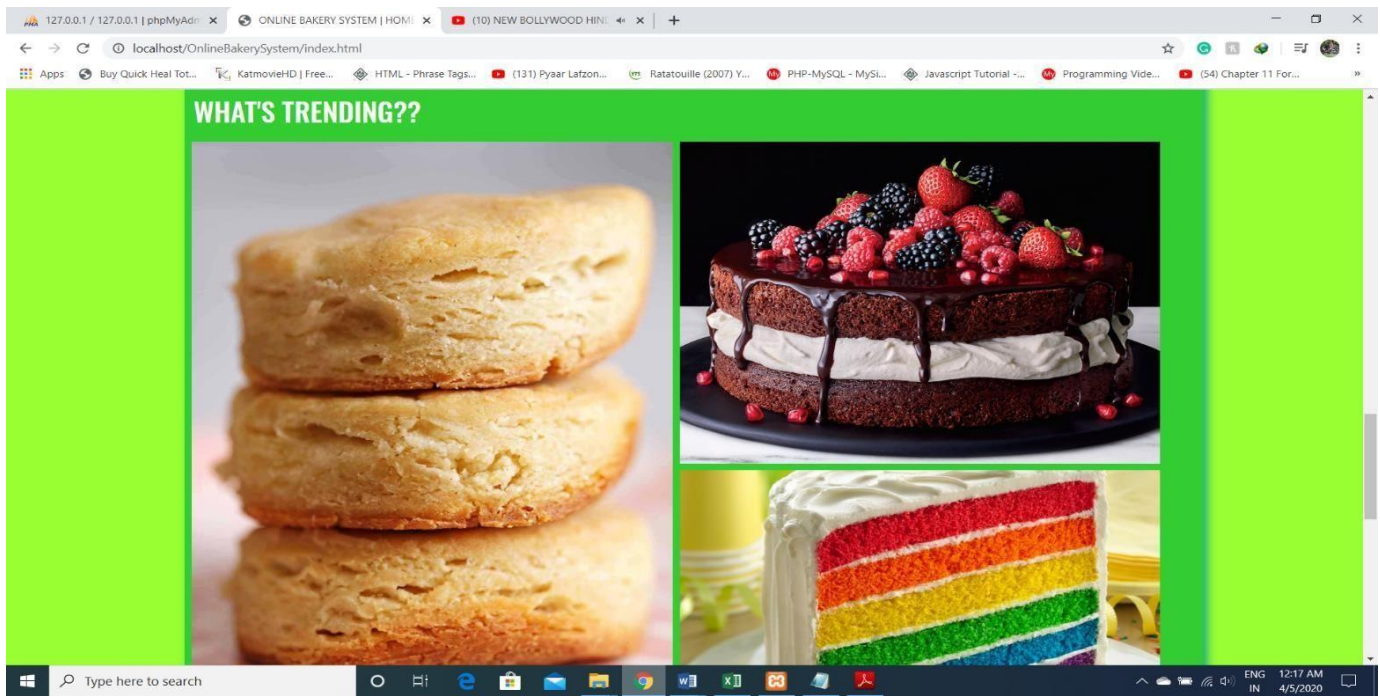
2. **<u>Customer Service:-</u>** In this page there is details about the co-members working with us and who has supported making this webpage and we have provided some information about the site that what is our aim and what are the facilities we have provided some of the facilities are 24/7 hours support, free shipping, money back guarantee and free gift coupons. With this we have provided the store information if the customer is facing any problem they can contact us.

ABOUT OUR ONLINE BAKERY SYSTEM

Our online Bakery System helps bakery shops to automate bakery selling online also helps bakery shops to take cc payments and provides email cofirmation after the payment is done. Through this site user can register on the system and get his online account on site. User can also login into the system and check various bakery items. In this site we have arranged the bakery products according to different categories such as Wedding Cakes, Birthday Cakes, Aniversary Cakes and many more. user can add various items in the cart and user may order a custom cake as per his needed flavor, size, and shape on site. There are various payment modes for the user so that there will be no such kind of problem in paying the total amount. I am Vasu Goel the owner of this **"Online Bakery Shop"** and i hope that you all are going to love our Bakery and Service as well.

THANK YOU

OUR TEAM MEMBERS

VASU

VISHNU

PRASHANT

3. **<u>Login/Signup:</u>**- In this page a customer can login into the webpage those who have already registered with the site and those who have not done the registration they can also register themselves through this page as there is the **"Click here to register"** button available where you can click and register themselves with the site. This will help them to record all the past ordered details which will help to them to choose the products again.
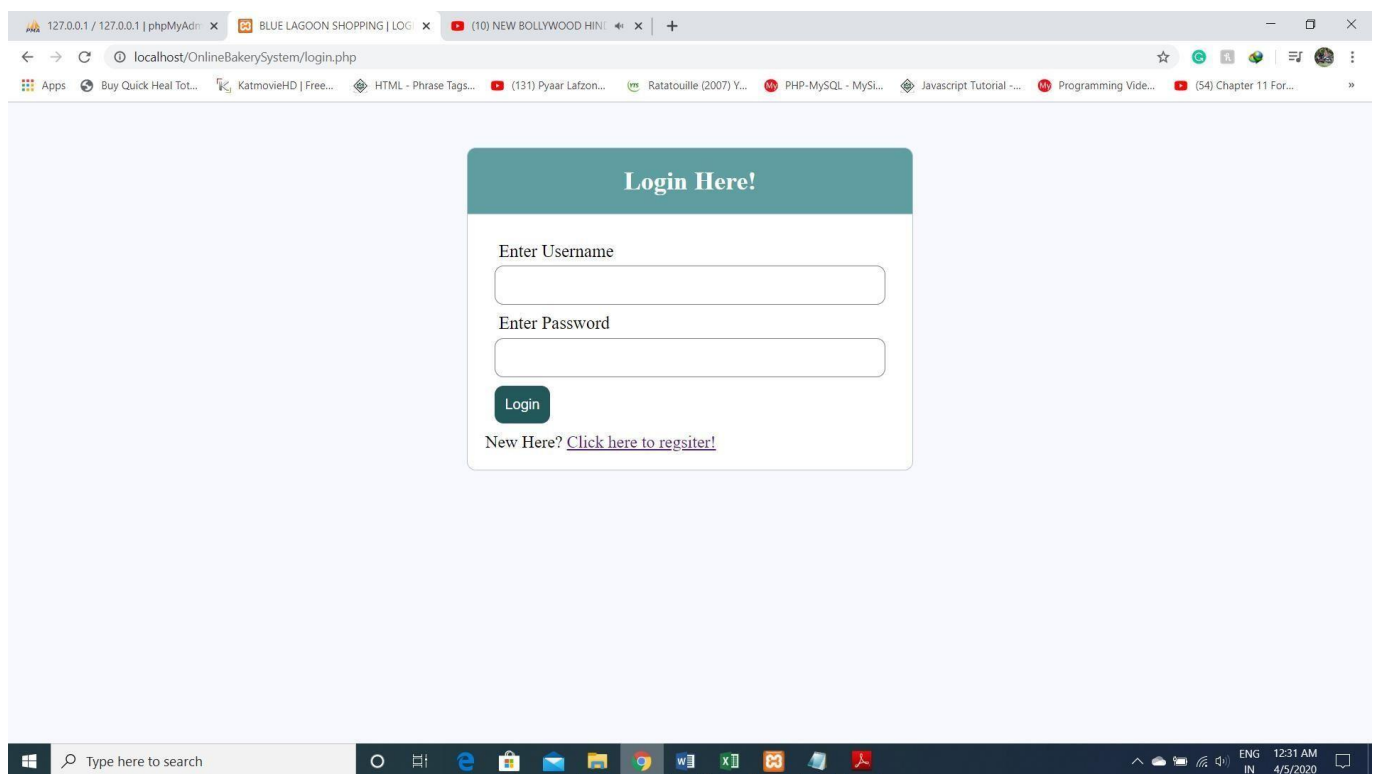
4. **<u>Cart:-</u>** In this page you go to your cart and see that what are the items you have added and how much quantity you have added and what are the prices of those products and after that you can proceed to pay the total amount of your order. And in this page we have provided the product list and their description with their prices and there is option of **"Add to cart"** in front of every product name by clicking on that you can add the items in to your cart and below the list you can see the option of cart in which you will be provided that how much quantity you have added to the cart and if you want to change the quantity than you can change by clicking on the **"Go to cart"** button.
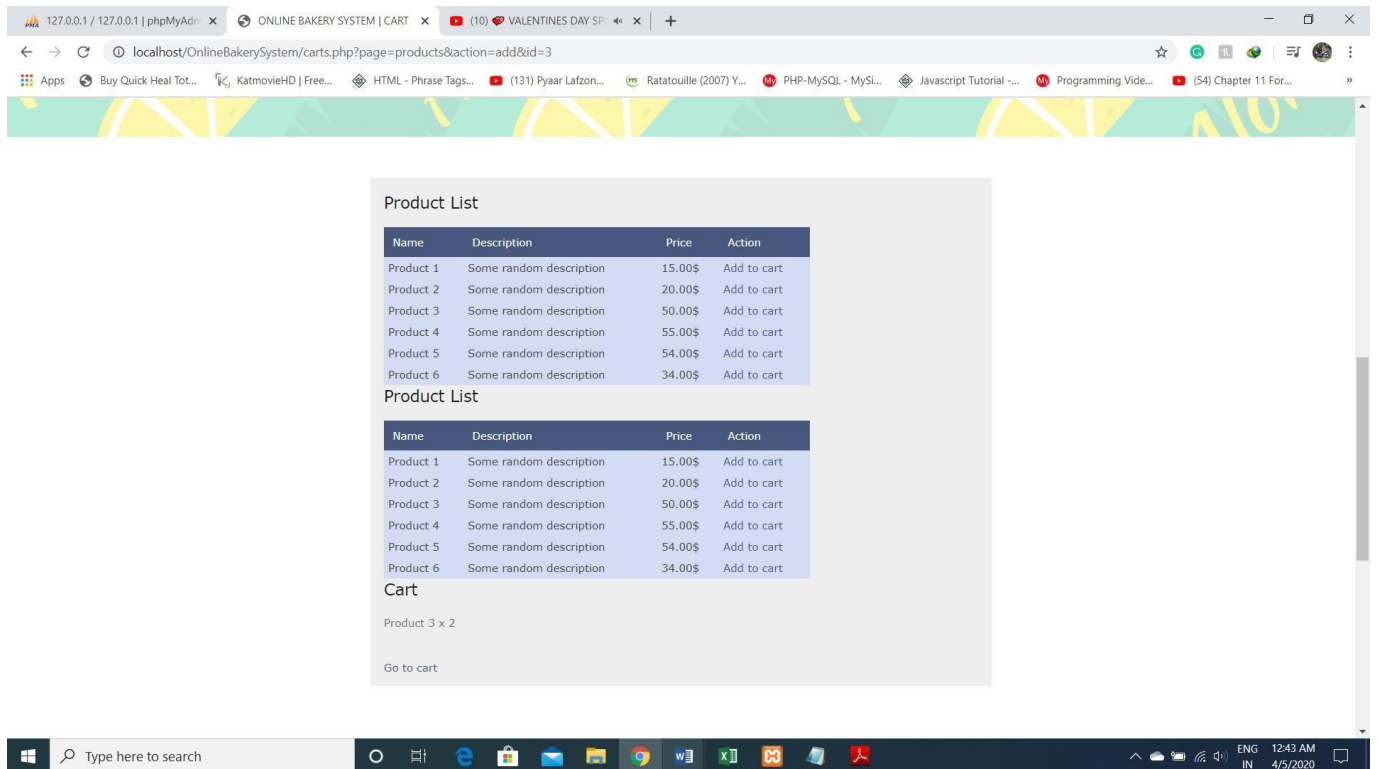
5. **<u>Your Account:-</u>** In this page you can see your profile like your username and it also shows that what was your previous order and you can directly add that item to your cart it will save the customer time and there is the option of the logout in this page by clicking to that button you can remove your account from the page and can login into the other account. If you haven't login earlier into the system than by clicking on **"Your Account"** there will be login page displayed as displayed earlier while clicking on the **"Login/Singup"** button so that you can login and can see your previous order details and all other details as well.
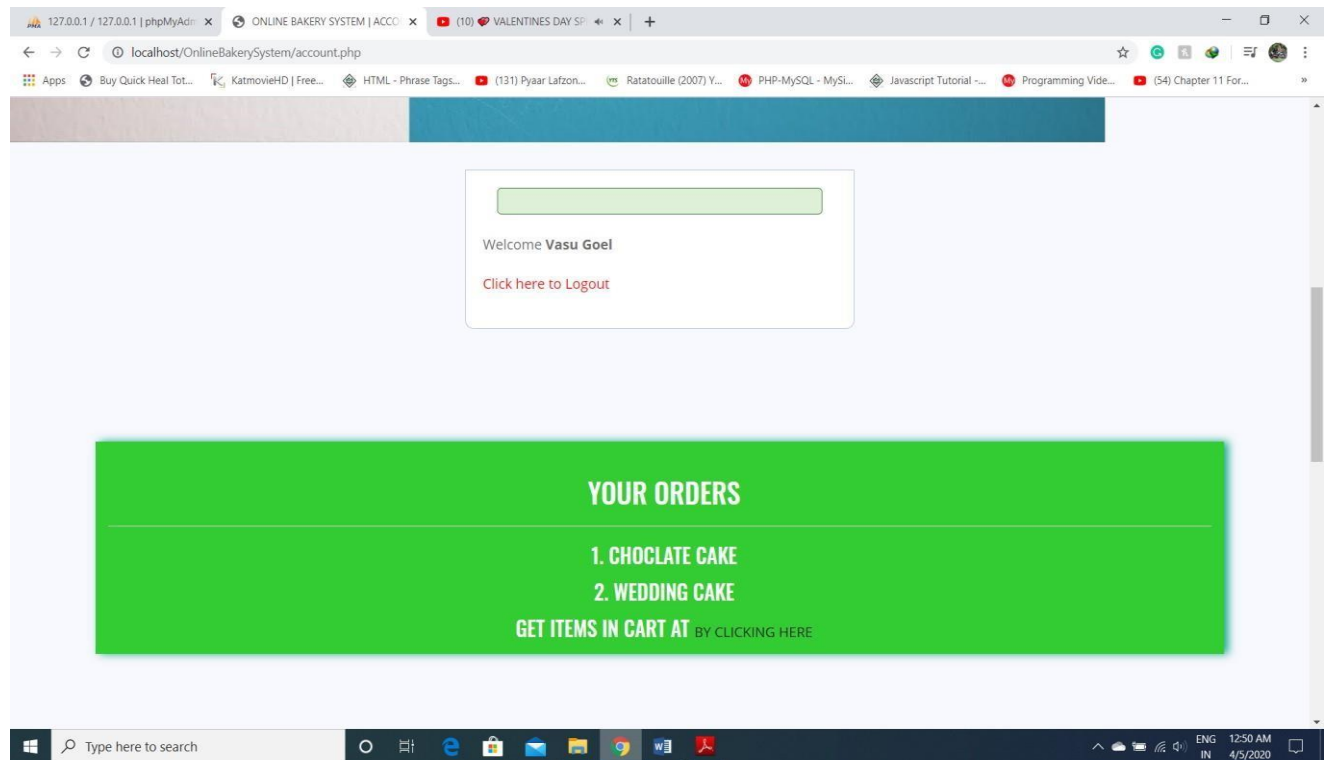
6. **<u>Category:-</u>** In this page we have provided the various types of cakes and biscuits that are available in our linked bakery shops. First we have put the images of the trending food and after that we have divided the items in different categories like Stuffed Biscuits, Customized Cakes, Buns and Breads, Wedding Cakes and Fruit Cakes. The also gets the option of all these categories when they put the curser on the **"Category"** option, so they can select the various option from there and we have provided different images with the names of the product so if customer gets the different item than there is return policy and customer gets the 100% return policy.

localhost/OnlineBakerySystem/category.html

ONLINE BAKERY SYSTEM | Home | Customer Service | Login/Signup | Cart | Your Account | Category + | Offers +

Stuffed Biscuits

Custom Cakes

Breads

Wedding Cakes

Fruit Cakes

5 / 5

Hot, smooth & tasty.

Aloha!

ONLINE BAKERY SYSTEM

localhost/OnlineBakerySystem/category.html

Stuffed Biscuits

STUFFED WITH GRAVY
Rs.18.00 per Piece
FRESH AND FRIDGE FOOD

GRAVY STUFFED LIGHT
Rs.40.00 per Piece
HOT AND FRESLY BAKED

Pepperoni Pizza Stuffed
Rs.40.00 per serving
Great appetizer

CHEESE STUFFED
Rs.80.00 per PIECE
NEW DISH

MEAT BALL STUFFED
Rs.200.00 per piece
HOT AND FRESH

CHEDDAR STUFFED
Rs.200.00 per piece
HOT AND CRISPY

CUSTOMISED CAKES

CHOCLATE Cakes
Rs.180.00
GET NAME HERE

ANNIVERSARY CAKE
Rs.400.0
CUSTOM FOR LOVED ONES

FOR GIRLFIREND
Rs.200.00
CUSTOM FOR LOVED ONES

FOR TRAVELLERS
Rs.580.00
CUSTOMISED

FOR CHILLERS
Rs.1850.00
FOR NETFLIX AND CHILL

FOR KIDS
Rs.1890.00
CUSTOM FOR KIDS

Wedding Cakes

Wedding Cake	Wedding With roses	Wedding in Woods	Multi Layered	Wedding with Florals	Mr. and Mrs. Cake
Rs.1800	Rs.2000	Rs.1600	Rs.1000	Rs.1850.00	Rs.1890.00
With Gold Cream	with ROSES	CUSTOMISED	Vanilla Flavor	Floral Patterns	Customised with needs.

BUNS AND BREADS

White Bread	French Bread	Andama Bread	Seedy Bread	Novel Breads	Donut Bread
Rs.18	Rs.20.0	Rs.160.00	Rs.100.0	Rs.185.00	Rs.189.00
Fresly Baked	Chewy and tasty	Fresh and New	Seedy Sandwiched	Tasty by nature	Circular and crispy

FRUIT CAKES

M and H Cake	Mix Fruit Strawberry	Scoop Mix Fruit	Red Velvet Fruit cake	Fruit On Top	Fruit Cup Cakwes
Rs.180.0	Rs.2000	Rs.1600	Rs.1000	Rs.1850.00	Rs.189.00
MIX Fruit	Vannila with Strawberry	Tasty Scoops	Multi-layered	Below Choclate base	Taste with Health

7. **Offers:-** In this page we have mentioned the different types of offers which are being provided by us on the various cakes and all the other offers that are being provided by the different paying apps like Google Pay, Paytm and all other online payment methods. Here also we have divided the offers in different sections such as Discounts, Cashback, Prime Offers and 50% of Counter. In this page we have provided the images of the cake and with the images we have written all the offers which are being provided by us so that customer could know properly that on which product there is offer and on which product there is an offer.
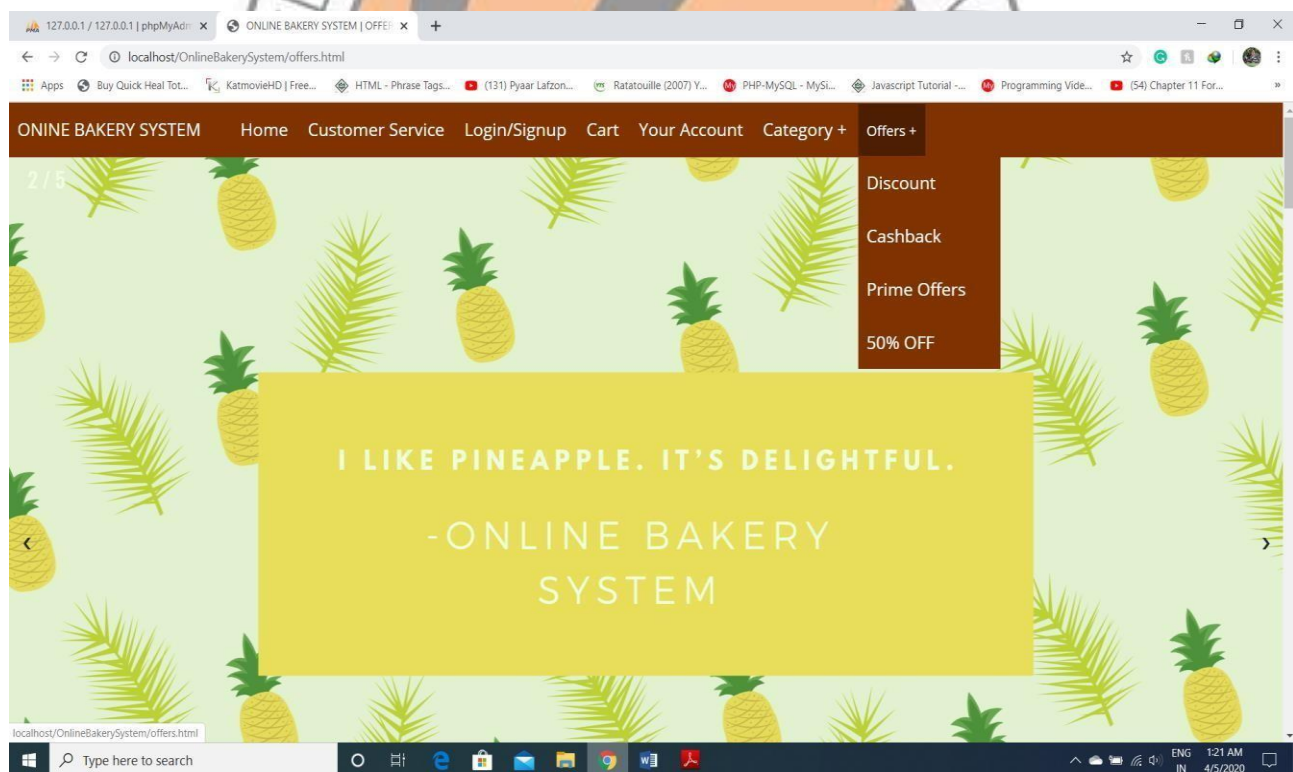
DISCOUNTS

STUFFED WITH GRAVY	ANNIVERSARY CAKE	Andama Bread	Wedding With roses	Mix Fruit Strawberry	Scoop Mix Fruit
Rs.18.00	Rs.400.00	Rs.160.00	Rs.2000.00	Rs.2000.00	Rs.1600.00
Discount 20%	Discount 89%	Discount 80%	Discount 90%	Discount 69%	Discount 98%

CASHBACK

PhonePe
PhonePe Exclusive Cashback
Buy 3 Products and get
50% cashback

freecharge
FreeCharge Coupon
Use FreeCharge Coupons to get
cashback of 80% on 3 products.

Paytm
Paytm Payments Bank
Use Paytm CODE: PARTY
to get 40% Cashback on any product.

G Pay
Google Pay
Pay from Google Pay
and get Exciting rewards such as 50% cashback

pay
Amazon Pay
Use Amazon Pay wallet to get
upto 40% cashback on 4 products

SBI
YONO SBI
Use SBI card or YONO APP
to get flat 50% off on any product.

Prime Offers

Wedding Cake Design
Available at only Rs.9999. Claim Now

Luxury Cake
Available at only Rs.10,000. Claim Now

50% OFF COUNTER

Get every thing at 50% off from here

GRAVY STUFFED LIGHT
Rs.40
Discounted Price: Rs.20

CHOCLATE Cakes
Rs.180
Discounted Price: Rs.90

FOR CHILLERS
Rs.1850
Discounted Price: Rs. 925

FOR KIDS
Rs.1890
Discounted Price: Rs.945

ADVANTAGES

- Help Bakery shops to automate bakery selling online.

- Helps Bakery shops to take cc payments.

- Provide email confirmation on payment success.

DISADVANTAGES

- It does not keep the track of the stock.

- If the network is not good then customer can't excess the site, that's why the network strength should be good.

RESPONSIBILITY

For making this project working my team members helped me a lot. The name of the students who were in my team are **"Battula Naga Prasanth Reddy"**, **"Vasu Goel"** and **"Miriyala Vishnu Vardhan".** The work done Naga Prasanth is that he managed all the financial situations,Vishnu has helped in making the home page and some of the styling fonts. Vasu has worked on the mysql and some of the also created the bootstrap files, javascript files and added the images to the html files.

In our work all the team members has played their various roles like finding the material for the files and creating the html files and adding the various images to the files and creating the javascript files and adding them to the html files. All the members has done the equal amount of the work in making this webpage.

CONCLUSION

The project report entitled **"ONLINE BAKERY SYSTEM"** has come to its final stage. The system has been developed with much care that it is free of errors and at the same time it is efficient and has been designed using many languages like **"MySQL"**, **"JavaScript"**, **"HTML"** and **"Bootstrap"**. The important thing is that the system is robust. We have tried our level best to make the site as dynamic as possible. Also we have tried to maintain the pattern of the webpages and the size of the font as well. This program is totally the time consuming program we have done a lot of hard work in it, we have tried our best to represent this webpage in the attractive manner and all the functions are arranged in well manner.