

A  
Project Report  
On  
**Online Pizza Ordering Website**

Submitted to  
**SHIVAJI UNIVERSITY, KOLHAPUR**  
For the partial fulfillment of the requirement for the award  
**BACHELOR OF COMPUTER APPLICATION**  
(SEM –V)

By  
**Jadhav Vivek Prashant**  
**Patil Prajwal Prashant**  
**Kulkarni Abhishek Prashant**

Under the guidance of  
**Miss.A.R.Rasal**



The Principal  
**V. P. INSTITUTE OF MANAGEMENT STUDIES  
AND RESEARCH, SANGLI**

2020-21



**V. P. Institute of Management Studies  
& Research, Sangli- 416 414**

**Certificate**

**Department of Computer Application**

This is to certify that, the project report entitled **Online Pizza Ordering Website** is record of project work carried out in this college by **Jadhav Vivek Prashant , Patil Prajwal Prashant , Kulkarni Abhishek Prashant** in partial fulfillment of the award of Bachelor of Computer Application (Sem-V) as laid down by SHIVAJI UNIVERSITY, KOLHAPUR.

This project presents their/his/her sincere work carried out under my guidance in the year 2020-21.

Date:

Mrs. A. R. Rasal

**Guide**

Examiner: 1)

Dr. Ms. V. S. Jadhav

**H.O.D.**

2)

# DECLARATION

To,  
The Registrar,  
Shivaji University, Kolhapur

Sir,

We undersigned **Jadhav Vivek Prashant , Patil Prajwal Prashant , Kulkarni Abhishek Prashant** here by declare that, the project report entitled **Online Pizza Ordering Website** submitted by us under the guidance of **Mrs. A. R. Rasal** is our original work.

We have not reproduced any information from any report submitted to Shivaji University, Kolhapur this year or any of the previous years.

We understand that any such copying is liable to punish in a way that University Authorities deem fit.

Place:

Date:

**Jadhav Vivek Prashant**

**Patil Prajwal Prashant**

**Kulkarni Abhishek Prashant**

# Acknowledgement

We are very much thankful to Hon. Principal **Dr. M. M. Ali** for their encouragement, inspiration and also for providing facilities needed for the accomplishment of this course.

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We are immensely thankful, for the encouragement and inspiration provided to me by Head of the Department **Dr. V. S. Jadhav**. and also for providing facilities needed for the accomplishment of this project.

Last but not the least We are also thankful to one and all that are directly or indirectly responsible for completion of this project within stipulated time.

**Mr. Vivek Jadhav**

**Mr. Prajwal Patil.**

**Mr. Abhishek Kulkarni**

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## 1] Introduction to Project:

### 1.1] Introduction of website:

Now a day's everyone is sake of online shopping, online food ordering, online bookings, reservations, etc. These are available due to some websites or apps which provides users to buy products online without wasting their time and energy. People want everything around them without any struggle and that is happening because of such websites/internet.

By understanding the wants of people we have developed online pizza ordering system's website and named as PIZZA HUT.

A PIZZA HUT specialized to taking orders from website. The older system where the customer orders on calls this takes time of employees to answer the phone and is more work consuming than necessary. They want to allow customers to customize and order their pizzas online. The PIZZA HUT also aims to increase the sales, due to the easy to use order online website. The system will give the employees more time to "work" rather than to accepts orders by phone, also the potential increase in customers are enough reason for the PIZZA HUT website. (website where customers can order their favorite pizzas).

### 1.2] Need and scope of website:

#### Need:

- When people migrates across urban regions, they tend to find homes, flats and other real estate property.
- People tries to buy a property or they invests in real estates to generate income source.
- The amount of demand and price variation in real estates and returns on investment through them is very high.

#### Scope:

- Real estate websites is a growing business nowadays.
- They tends to find the best deal for their clients with some minimal charges.
- Websites are also generating income through this business.

## 2. Proposed System

### 2.1] Objectives of our project-

- The menu will be visible to the customer with the pizzas.
- After selecting a desired pizza, customers can view the details.
- Customer can directly click on order now to place an order.
- Now payment option is shown to customer i.e. Cash On Delivery.
- Customer can notify the admin about the system by writing a feedback message.

#### Objectives of website:

- To offer the best deals to the clients with no extra charges.
- To improve user experience through their feedbacks.
- To avoid thefts from brokerage or middleman.
- To ensure a safe and secure user experience.
- To attract more peoples towards website by providing seamless experience.

### 2.2] Requirements

IDE: Microsoft visual studio 2010

Operating system: windows 7 or above

Project platform: .net

Front end: asp.net(c#)

Back end: SQL server 2008 browser: Chrome

#### 2.2.1] Requirement gathering tools

Discussion with faculty members .

Personal experience while ordering the food

- **About software used and features of development**



## **tools introduction to ASP.net**

asp.net is more than the next version of active server pages ASP it provides a unified web development model that includes a service is necessary for developers to build enterprises class web application while asp.net is largely syntax compatible with ASP it also provides a new programmer model to and infrastructures for more scalable and stable application that help provide greater protection

asp.net is a kam file.net based environment you can author application in any dotnet compatible language including with visual basic.net see has and javascript.net addition and entire .net framework is available to any asp.net application developers can easily access the benefits of this technology, which includes a managed common language runtime environment, type safety, inheritance and so on.

### **Features of ASP.NET**

- Easy programming model
- Flexible language options
- Great tool support
- Rich class framework
- Compiled execution
- Web farm session state

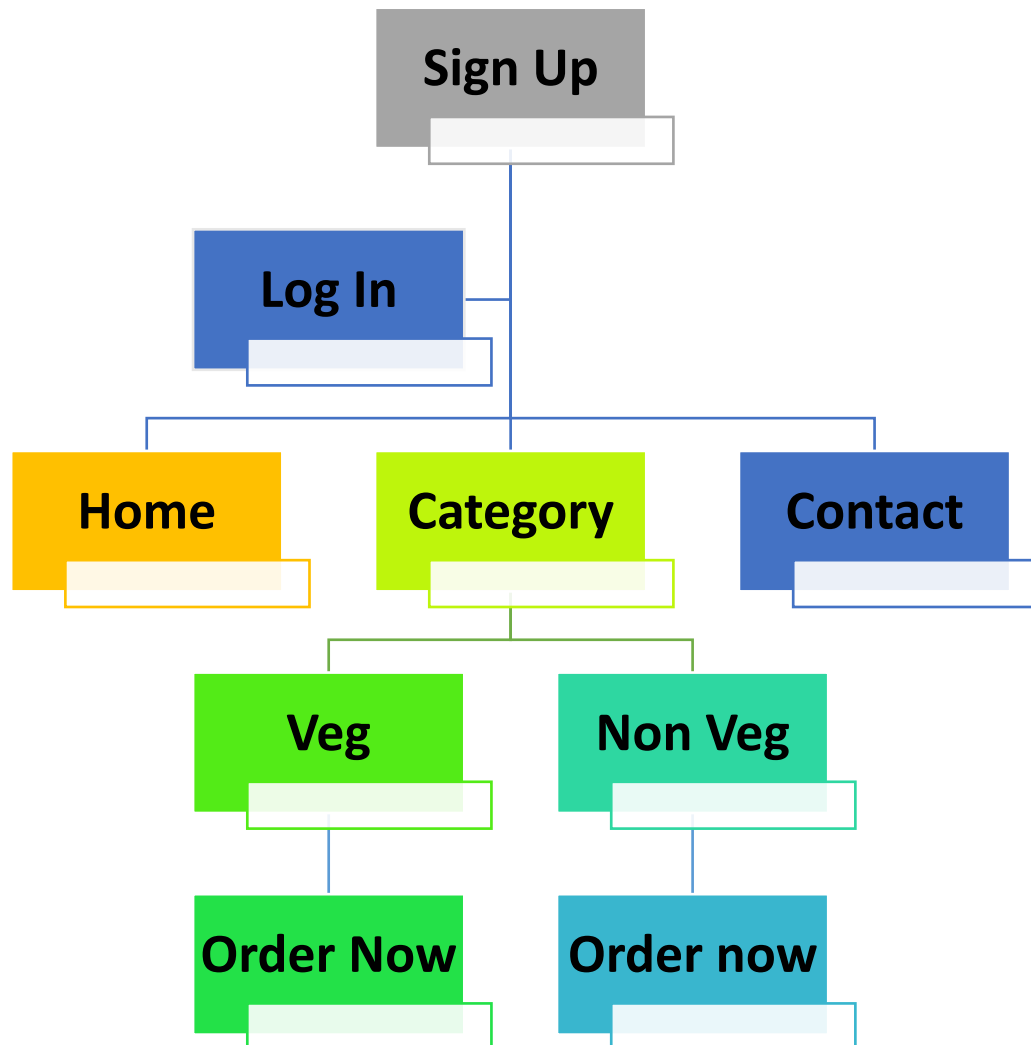
### **Advantages of ASP.NET**

- ASP is a server based scripting language to create dynamic and interactive HTML pages
- It is an example the power of scripting on the server side
- It is written using VB script and J script
- Can work with any web browser internet explorer, Opera, Firefox, Chrome.
- additional security can be providing for all client service based communication

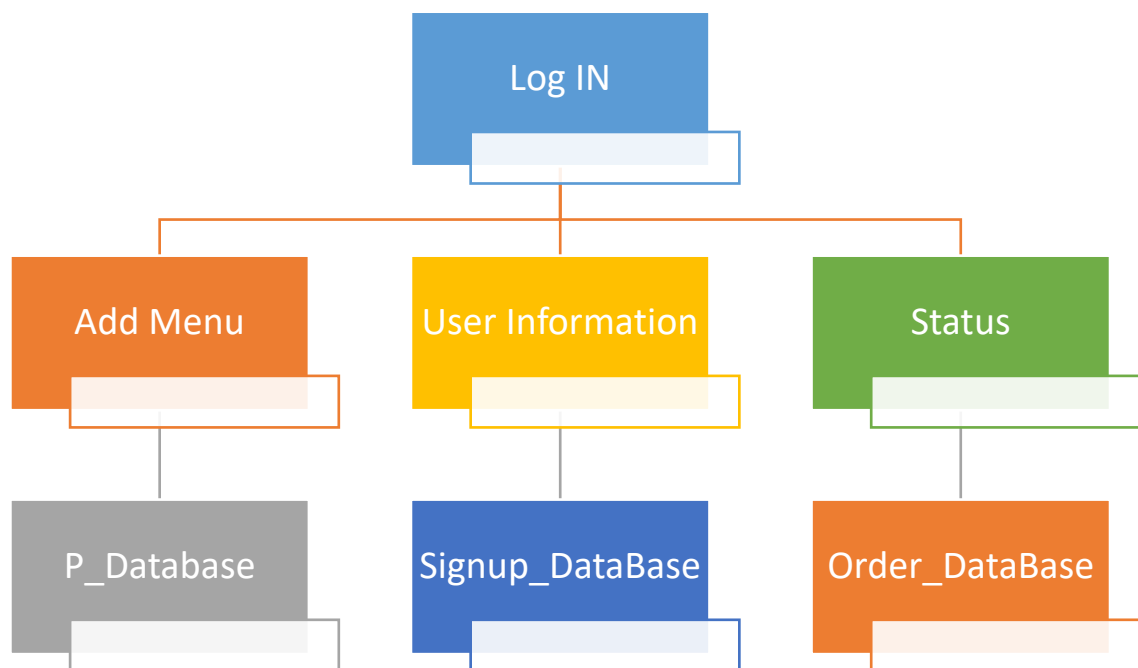
### 3] System Analysis:

#### 3.1] System Diagram

##### User Side Site Map :-

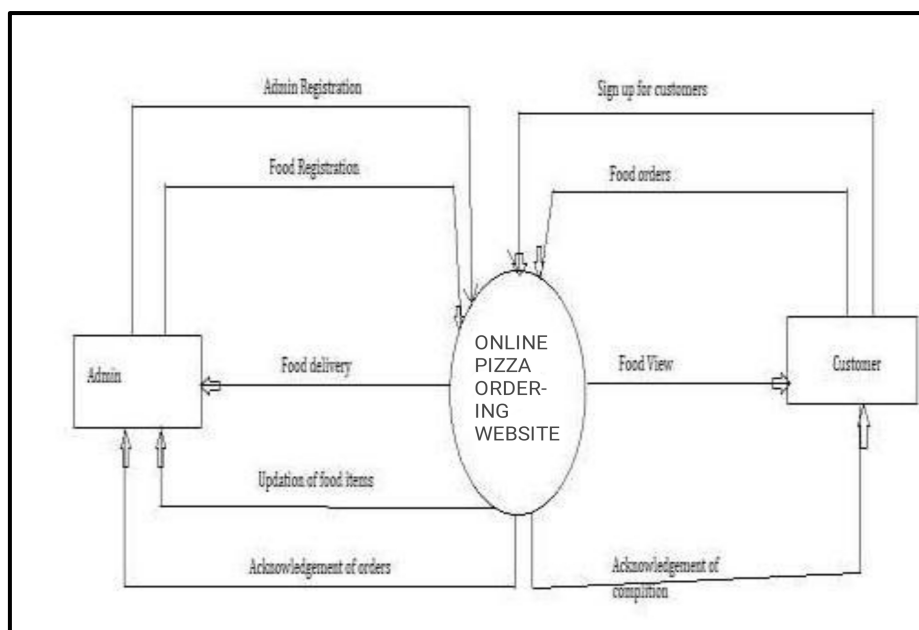


## Admin Side Site Map-

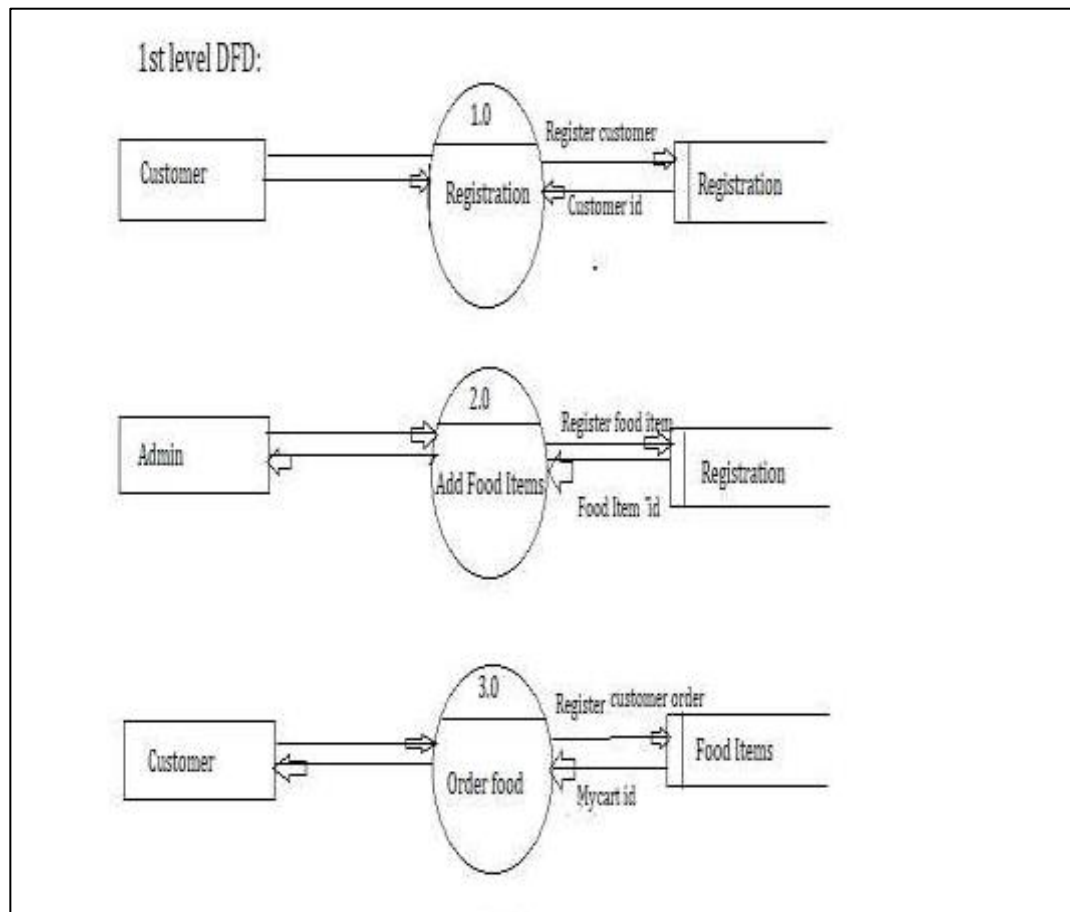


## DFD :-

### Zero level DFD:



## First Level DFD:



## 4] System Design

### 4.1] Database Design-

Table Name:-

#### 1) Sign Up :

dbo.signup: Table...TA\DATABASE1.MDF) X login.aspx addmenu.aspx.cs			
	Column Name	Data Type	Allow Nulls
PK	id	int	<input type="checkbox"/>
	name	varchar(50)	<input checked="" type="checkbox"/>
	password	varchar(50)	<input checked="" type="checkbox"/>
	username	varchar(50)	<input checked="" type="checkbox"/>
	mobile	decimal(10, 0)	<input checked="" type="checkbox"/>
	address	varchar(100)	<input checked="" type="checkbox"/>
	role	varchar(30)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

Table Name :

#### - 2) Product Information

dbo.pinfo: Table(...TA\DATABASE1.MDF) X dbo.signup: Table...TA\DATABASE1.MDF			
	Column Name	Data Type	Allow Nulls
PK	id	int	<input type="checkbox"/>
	name	varchar(30)	<input checked="" type="checkbox"/>
	price	int	<input checked="" type="checkbox"/>
	pic	varchar(30)	<input checked="" type="checkbox"/>
	category	varchar(30)	<input checked="" type="checkbox"/>
	dis	varchar(50)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

Table Name :-

### 3) Order

Column Name	Data Type	Allow Nulls
id	int	<input type="checkbox"/>
username	varchar(50)	<input checked="" type="checkbox"/>
pid	int	<input checked="" type="checkbox"/>
status	varchar(50)	<input checked="" type="checkbox"/>
		<input type="checkbox"/>

## 4.1] Input / Output Design-

### 1) Log In :-

When the user already have an account the user can directly login and go to Home page.

localhost64300/login.aspx

← → ↻ 🔍 localhost64300/login.aspx

Apps Classwork for BCA-L... classroom Classes Gmail YouTube Maps

**Login**

Enter Username

Enter PassWord

Invalid Id Or Password

Don't Have An Account ? [Sign up](#)

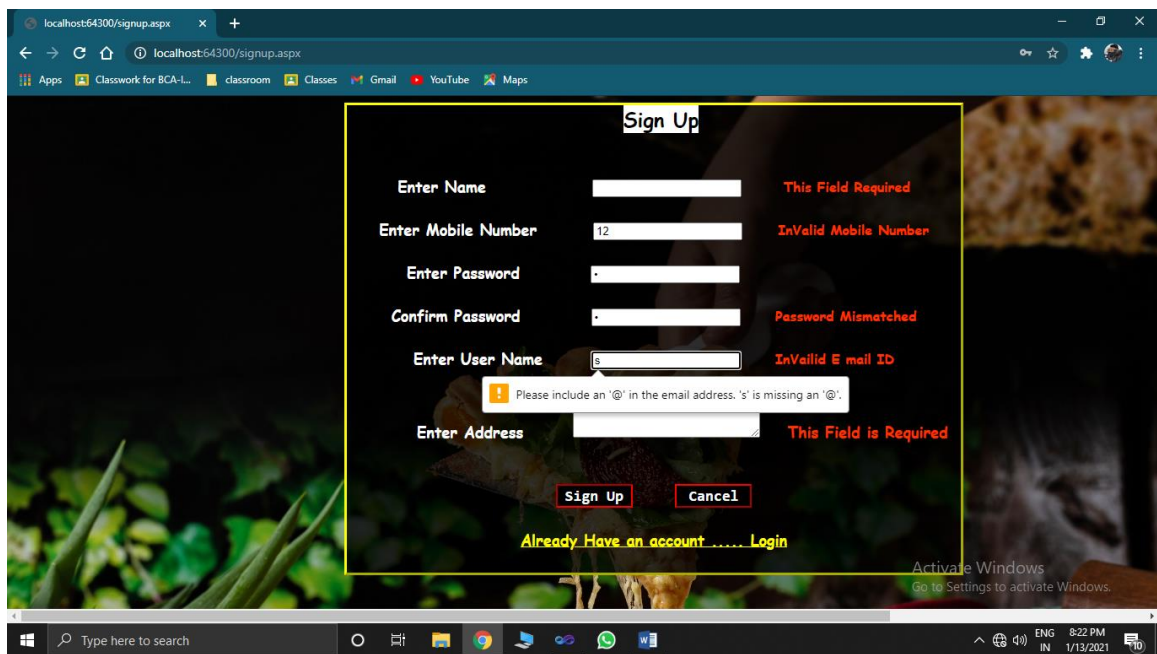
Activate Windows  
Go to Settings to activate Windows.

Type here to search

ENG IN 8:21 PM 1/13/2021

## 2) Sign UP Page-

When user fill the information then this page check the information is correct or not. If information is wrong then it shows the error to the particular text box. If the information is correct and user can click on the submit button then this information will added to user database and navigate to Home page.



The screenshot displays a web browser window with the address bar showing 'localhost:64300/signup.aspx'. The page features a 'Sign Up' form with the following fields and error messages:

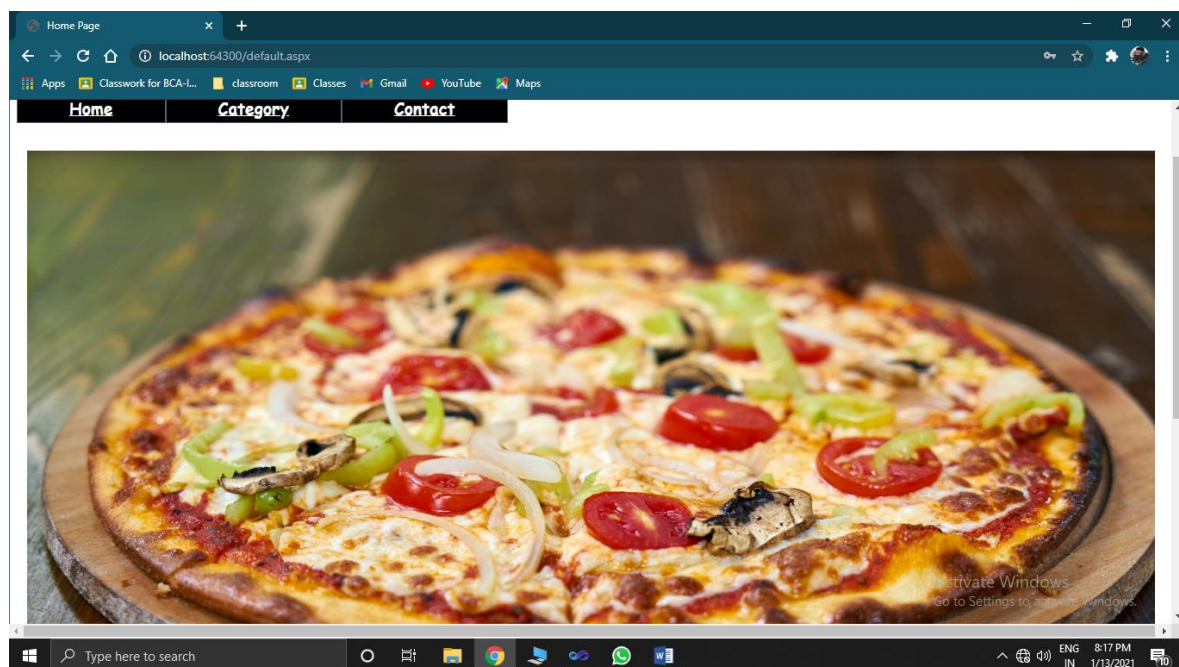
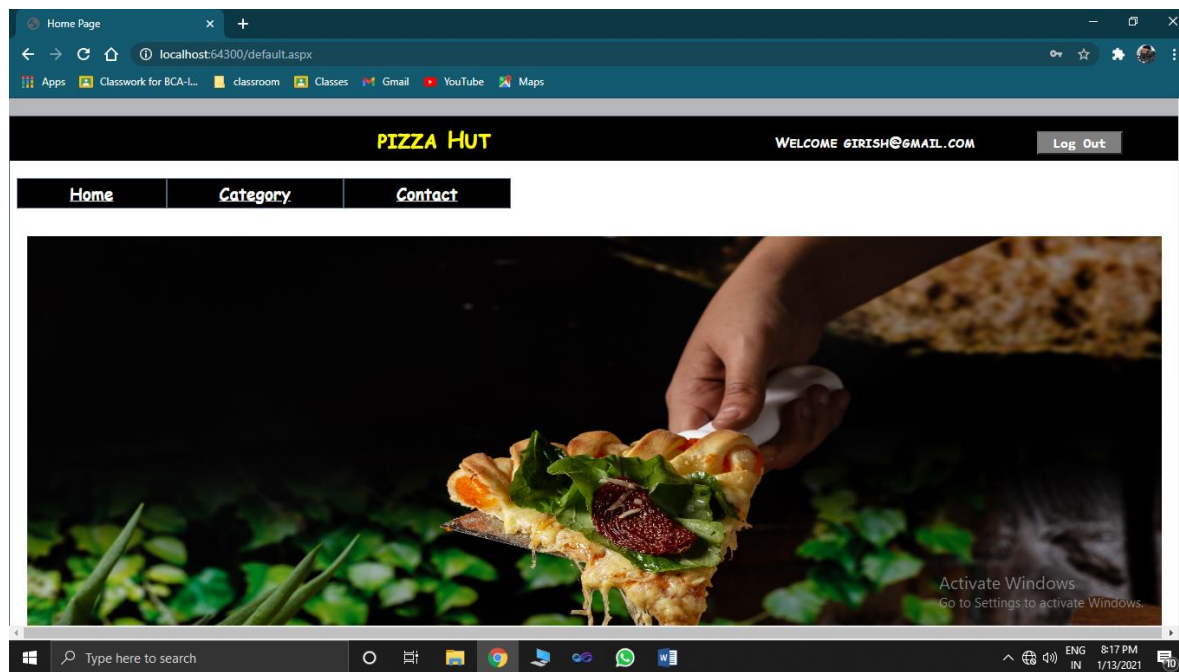
- Enter Name:** A text input field with the error message 'This Field Required' in red.
- Enter Mobile Number:** A text input field containing '12' with the error message 'Invalid Mobile Number' in red.
- Enter Password:** A password input field.
- Confirm Password:** A password input field with the error message 'Password Mismatched' in red.
- Enter User Name:** A text input field containing 's' with the error message 'Invalid E mail ID' in red. Below this field is a yellow warning box with the text: 'Please include an '@' in the email address. 's' is missing an '@'.'
- Enter Address:** A text input field with the error message 'This Field is Required' in red.

At the bottom of the form, there are two buttons: 'Sign Up' and 'Cancel'. Below the buttons, there is a link that says 'Already Have an account ..... Login'. The background of the page is a dark image with a yellow border around the form. The Windows taskbar is visible at the bottom of the browser window.

## 3) ) Home Page-

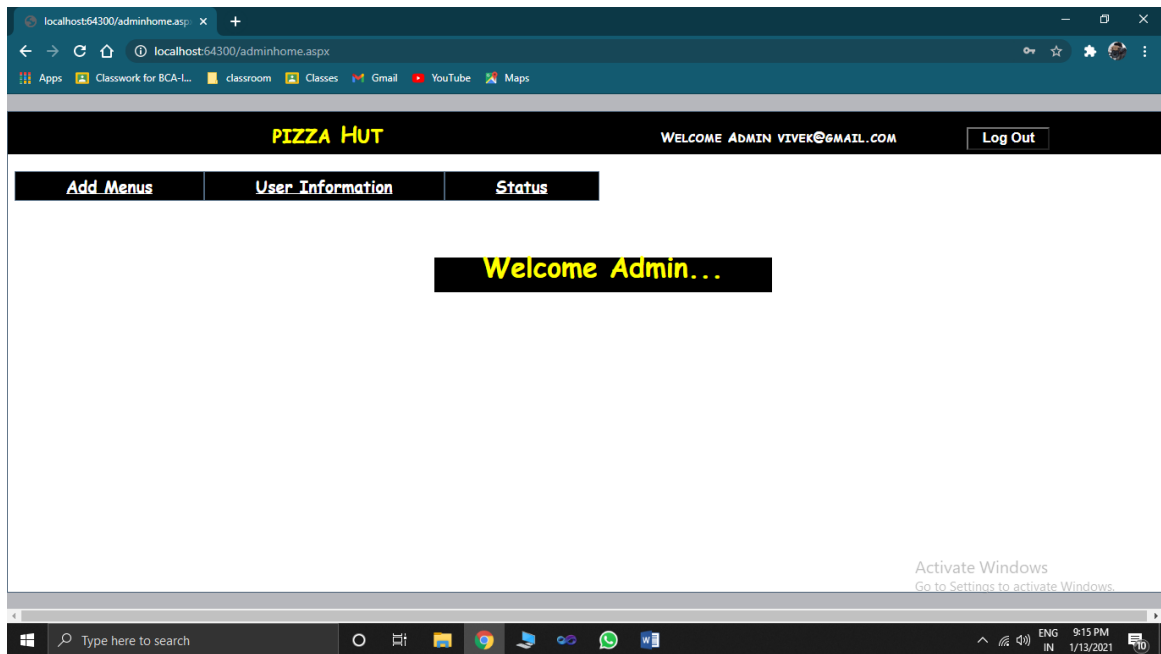
Home Page Provides glimpse of website .





#### 4) Admin Home Page :-

This is home page for admin only .

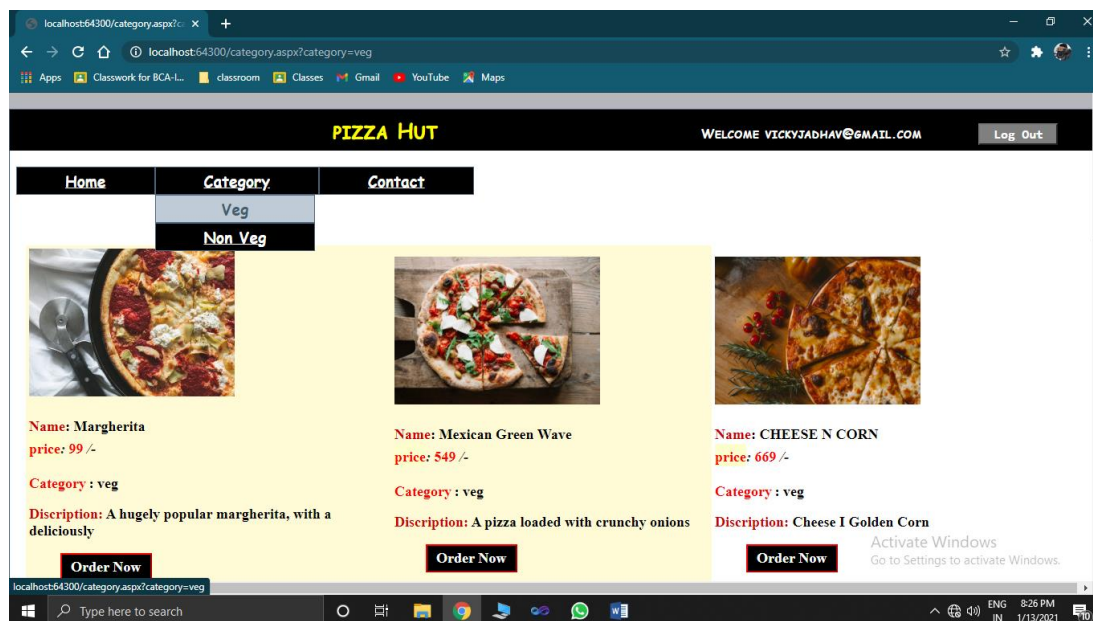


## 5) Category Page –

This page provides types of pizza's available on website.

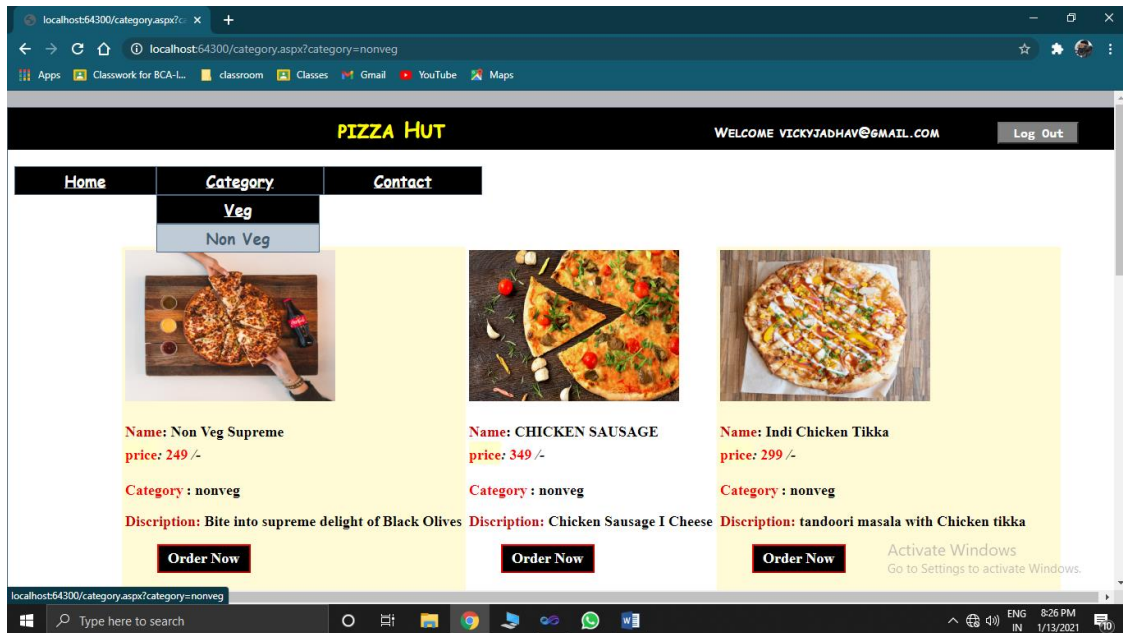
### I. Veg :-

This page provides only Veg pizza's available on website.



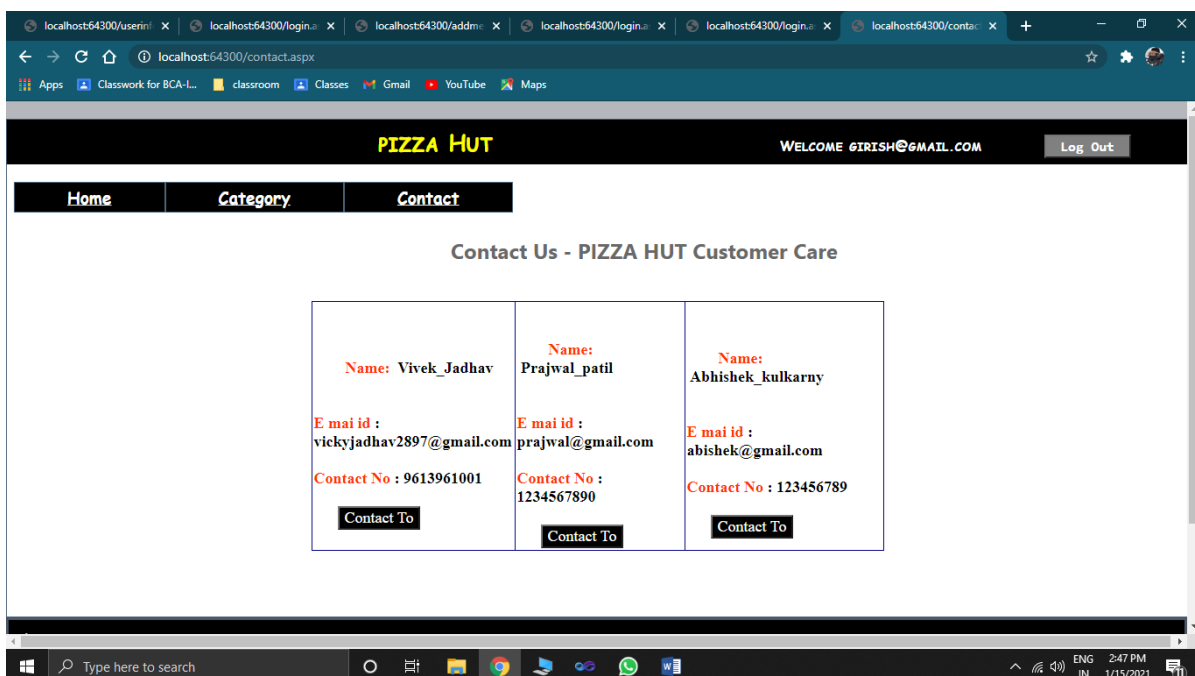
## II. Non Veg:-

This page provides only Veg pizza's available on website.



## 6) Contact Us:-

If user can contact or visit to our nearest branches or online help centers. Contact information are provided on this page with which user can easily contact to our help centers to seek help.



## 7) Add Menus :-

If admin can Add New product to the Database .

The screenshot shows a web browser window with the URL `localhost:64300/addmenu.aspx`. The page has a header with the PIZZA HUT logo, a welcome message for Admin Vivek, and a Log Out button. Below the header is a navigation bar with three tabs: Add Menus, User Information, and Status. The Add Menus tab is selected, and the page title is "Add Menus". The form contains the following fields:

Product Name	<input type="text"/>
Price	<input type="text"/>
Category	<input type="text"/>
Discription	<input type="text"/>
Image	<div>Choose File No file chosen <input type="button" value="Upload"/></div>
Uploaded Image	

An "Activate Windows" watermark is visible in the bottom right corner of the browser window.

## 8) User Information :-

Admin can accesses the user information from database and edit or delete the information of user.

The screenshot shows a web browser window with the URL `localhost:64300/userinfo.aspx`. The page has the same header and navigation bar as the previous screenshot. The User Information tab is selected, and the page title is "User Information". Below the title is a table with user information. Each row has an "Edit Delete" link.

id	name	username	mobile	address	role	
2	girish gurav	girish@gmail.com	9613961001	gulmohar colony,Sangli		<a href="#">Edit</a> <a href="#">Delete</a>
17	sonal	sonal@gmail.com	9613961001	japnies	admin	<a href="#">Edit</a> <a href="#">Delete</a>
18	saba	saba@gmail.com	9613961001	kolhapur		<a href="#">Edit</a> <a href="#">Delete</a>
20	Vivek Jadhav	vickyjadhav@gmail.com	9613961001	sangli	admin	<a href="#">Edit</a> <a href="#">Delete</a>
21	vivek	vivek@gmail.com	9613961001	miraj	admin	<a href="#">Edit</a> <a href="#">Delete</a>
22	amit	amit@gmail.com	9087564509	opp dmart,sangli		<a href="#">Edit</a> <a href="#">Delete</a>
23	vijay yadav	vijay@gmail.com	9613961001	jath		<a href="#">Edit</a> <a href="#">Delete</a>

## 5] Implementation

### 5.1] System Requirement:

- Hardware:
  - 2 GB Ram and above
  - 200 GB hard disk and above
  - Processor-P IP and above
  - Monitor
  - Mouse
  - CPU-2GH2 and above
  - Keyboard/touchscreen pad
  - Printer
- Software:
  - Operating system: Windows XP or Windows 7
  - Microsoft Visual studio 2010
  - Browser: any web browser like opera, firefox, Internet explorer or Chrome browser

### 5.2] User Guidelines:

Home:

Home page shows in short what website is all about.

Sign up:

Signup page is for customer registration.

Log in:

User log in to website to view.

Contact:

User Can Contact to Admin

Category:

Veg :-

User can order veg pizza from this page

Non-Veg :-

User can order Non-veg pizza from this page

Orders:

Here the user can order the food items.

About:

This page contains the online pizza ordering details.

## 6] Conclusion & Future scope :

### 6.1] Conclusion:

In the development of this project we have learn the importance of web technology and MS access with internet related activities. The internet as we know is new communication technology. That is affecting our lives on large scale. The internet as we know is new communication technology. That is affecting our lives on large scale. The internet and online growing rapidly as consumes seeks access to broad range of information and services.

Using internet we can easily order food at home. The pizza ordering website helps user to order a pizza form a stand alone place. We can easily order what we want according to our desire.

Although, this website provide s different offers of various products. This website seems to be good option for online pizza ordering.

Main purpose of this website is to provide easy ordering and home delivery service on the products.

### 6.2] Limitations:

- 1) User Information is less Secured.
- 2) This Website does not gives high security.
- 3) This website not provides additional photos or any video to provide more information.
- 4) It requires a reliable internet connection.
- 5) System may provide inaccurate results if data not entered correctly.

### 6.3] Future scope:

- 1) To make website more secure.
- 2) Use verification code at the time of create account.
- 3) To make website more responsive.
- 4) To authenticate and verify the user.
- 5) Payment can be easily done using various online mode or cash on delivery (COD).
- 6) Easy add/update/delete process of pizza.

## 7]References:-

### Books :-

Web technology by JEFFREY C.JACKSON.

DBMS By G.K.GUPTA-2018 McGraw-Hill Education Pvt..Ltd.

### Web Sites :

[WWW.W3SCHOOL.COM](http://WWW.W3SCHOOL.COM)

[WWW.tutorialpoints.com](http://WWW.tutorialpoints.com)

### Source code(Include Main Logic source code) :-

#### 1) Sign Up -

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;
using System.Data.SqlClient;

namespace Project
{
    public partial class signup : System.Web.UI.Page
    {
        SqlConnection cn = new SqlConnection("Data
        Source=.\SQLEXPRESS;AttachDbFilename=C:\\Users\\Vivek\\documents\\v
        isual studio
        2010\\Projects\\Project\\Project\\App_Data\\Database1.mdf;Integrated
        Security=True;User Instance=True");

        protected void Page_Load(object sender, EventArgs e)
        {
        }
    }
}
```



```

protected void Button1_Click(object sender, EventArgs e)
{
    SqlCommand cmd = new SqlCommand("insert into
    signup(name,mobile,password,username,address)values(@name,@mobile,
    @password,@username,@address)", cn);
    cmd.Parameters.AddWithValue("@name", TextBox1.Text);
    cmd.Parameters.AddWithValue("@mobile", TextBox2.Text);
    cmd.Parameters.AddWithValue("@password", TextBox3.Text);
    cmd.Parameters.AddWithValue("@username", TextBox5.Text);
    cmd.Parameters.AddWithValue("@address", TextBox6.Text);
    cn.Open();
    cmd.ExecuteNonQuery();
    cn.Close();
    Response.Redirect("Default.aspx");
}

protected void Button2_Click(object sender, EventArgs e)
{
    TextBox1.Text = "";
    TextBox2.Text = "";
    TextBox3.Text = "";
    TextBox4.Text = "";
    TextBox5.Text = "";
    TextBox6.Text = "";

}

}
}

```

## 2) Login Page-

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;
using System.Data.SqlClient;

```

```

namespace Project
{
    public partial class login : System.Web.UI.Page
    {
        SqlConnection cn = new SqlConnection("Data
        Source=.\SQLEXPRESS;AttachDbFilename=C:\\Users\\Vivek\\documents\\v
        isual studio
        2010\\Projects\\Project\\Project\\App_Data\\Database1.mdf;Integrated
        Security=True;User Instance=True");
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void Button1_Click(object sender, EventArgs e)
        {
            SqlCommand cmd = new SqlCommand("select username , password ,role
            from signup where username= @username and password=@password",
            cn);
            cmd.Parameters.AddWithValue("@username", TextBox1.Text);
            cmd.Parameters.AddWithValue("@password", TextBox2.Text);
            SqlDataAdapter adpt = new SqlDataAdapter(cmd);
            DataSet ds = new DataSet();
            adpt.Fill(ds);

            if (ds.Tables[0].Rows.Count == 1)
            {
                string role = ds.Tables[0].Rows[0][2].ToString();
                Session["username"] = ds.Tables[0].Rows[0][0].ToString();
                Session["role"] = role;
                if (role == "admin")
                    Response.Redirect("adminhome.aspx");
                else
                    Response.Redirect("default.aspx");
            }
            else
            {
                TextBox1.Text = "";
            }
        }
    }
}

```

```
TextBox2.Text = "";
Label4.Text = " Invalid Id Or Password";
}
}
}
}
```

### 3) Category -

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace Project
{
    public partial class category : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void Button2_Click(object sender, EventArgs e)
        {
            var button = (Control)sender;
            Label answerLabel = (Label)button.NamingContainer.FindControl("idlabel");
            Response.Redirect("order.aspx?pid=" + answerLabel.Text);
        }
    }
}
```

### 4) Add Menus-

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;
using System.Data.SqlClient;

namespace Project
{
    public partial class addmenu : System.Web.UI.Page
    {
        SqlConnection cn = new SqlConnection("Data
        Source=.\SQLEXPRESS;AttachDbFilename=C:\\Users\\Vivek\\documents\\v
        isual studio
        2010\\Projects\\Project\\Project\\App_Data\\Database1.mdf;Integrated
        Security=True;User Instance=True");
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void Button1_Click(object sender, EventArgs e)
        {
            SqlCommand cmd = new SqlCommand("insert into
            pinfo(name,price,category,dis,pic)values(@name,@price,@category,@dis,
            @pic)", cn);
            cmd.Parameters.AddWithValue("@name", TextBox1.Text);
            cmd.Parameters.AddWithValue("@price", TextBox2.Text);
            cmd.Parameters.AddWithValue("@category", TextBox3.Text);
            cmd.Parameters.AddWithValue("@dis", TextBox4.Text);
            cmd.Parameters.AddWithValue("@pic", Image1.ImageUrl);

            cn.Open();
            cmd.ExecuteNonQuery();
            cn.Close();
        }
    }

```

```

protected void Button2_Click(object sender, EventArgs e)
{
    TextBox1.Text = "";
    TextBox2.Text = "";
    TextBox3.Text = "";
    TextBox4.Text = "";
}

protected void Button3_Click1(object sender, EventArgs e)
{
    if (FileUpload1.HasFile)
    {
        FileUpload1.SaveAs("C:/Users/Vivek/Documents/Visual Studio
2010/Projects/Project/Project/images" + FileUpload1.FileName);

        Label9.Text = "file Successfully uploaded";
        Image1.ImageUrl = "/images" + FileUpload1.FileName;

    }
    else
    {
        Label9.Text = "file not uploaded";
    }

}
}
}

```

### 5) Order Now :-

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;

```

```

using System.Data.SqlClient;

namespace Project
{
    public partial class order : System.Web.UI.Page
    {
        SqlConnection cn = new SqlConnection("Data
Source=.\SQLEXPRESS;AttachDbFilename=C:\\Users\\Vivek\\documents\\v
isual studio
2010\\Projects\\Project\\Project\\App_Data\\Database1.mdf;Integrated
Security=True;User Instance=True");
        protected void Page_Load(object sender, EventArgs e)
        {
            if (Request.QueryString["pid"] != null)
                HiddenField1.Value=Request.QueryString["pid"].ToString();
        }

        protected void Button2_Click(object sender, EventArgs e)
        {
            SqlCommand cmd = new SqlCommand("insert into signup order
(username,pid,status)values(@username,@pid,'pending'", cn);
            cmd.Parameters.AddWithValue("username",
                Session["username"].ToString());
            cmd.Parameters.AddWithValue("@pid",HiddenField1.Value);
            cn.Open();
            cmd.ExecuteNonQuery();
            cn.Close();
            GridView1.DataBind();
            Label3.Text = "order placed successfully";

        }
    }
}

```