

FOOD ORDER MANAGEMENT SYSTEM

1. INTRODUCTION

“FOOD ORDER MANAGEMENT SYSTEM” is standalone project to provide fast and easy services to customers as well as vendors. The aim of this system is to manage the multiple food-providers/vendors by system admin, food providers/vendors can set their food list/items and it's prices for their customers. Our system is very easy, useful and user friendly to use with good user interface, where Admin can manage all vendors , Vendors can purchase subscription plan and display their food items list with their prices and Customers can order their food from vendors using our system.

1.1 Project Description :

Customer's orders for food vendors are more these days in this project FOOD ORDER MANAGEMENT SYSTEM is introduced for vendors and the customers. Vendors are having difficulties in managing orders and Customers are having difficulties in getting their orders. “FOOD ORDER MANAGEMENT SYSTEM” is a standalone application developed in Visual Basic using MySQL database as back end. This is done by creating database of the vendors ,food, orders and payments details. The primary aim is to provide customers and vendors a better way of managing and receiving orders with fast and easy services.

In this project let us take customers as Students and Staffs , and Food vendors as Canteen food shops of our College.

1.2 Problem Statement :

Usually in college canteens.

Problems facing by students / staffs and Canteen food shops:

- All Students and staffs will get break for 30mins at same time. In this 30mins it is very difficult to order their food in crowd and after ordering for food they need to wait for their food to be prepared and wait in long queues.

- Sometimes students will skip their meals as they are not willing to struggle and buy their food because of crowd and waiting time. Which may lead to health issues later.
- In Some case's even if students/staffs struggled and have their food they can't manage to reach their next classes on time because of time in waiting for their food. And lose their attendance.
- Due to huge crowd of customers, vendors can't manage huge orders at a time
- Vendors can't keep workers separately to take orders, to give orders and for billing orders as it leads to much expense.
- Sometimes vendors forget to collect money from customers and some customers may also cheat vendors saying they have already paid.
- Due to huge crowd at a time, some customers will stop buying food from canteens which leads to loss for vendors.

1.3 Existing System :

Students/Staffs need to wait to get their orders from the canteen food shops in short time , due to huge crowd they will get their orders late. They need to waste their time and struggle is big queues to get orders. At the same time food shop Vendors also face difficulties to control the crowd and their orders.

1.4 Proposed System :

Instead of students/Staffs waiting and struggling in big queues to get their orders , they can order their food in less time and early by using our system, the food they need. As soon as Food shop receives order , they will update order status once it is ready. Then students/Staffs can check their order status and pick their order from food shop which saves time of students/Staffs. And it helps food shop keepers to manage orders and payments without any struggle and many workers.

1.5 Objectives :

- To manage the details of the orders
- User-friendly
- To save time
- Simplifies calculation of order bills
- Makes it easier to keep track order and records food shop keepers
- Food shop keepers can manage the food and its price at any time

1.6 Benefits of Proposed System :

- Students / staffs need not to wait and not need to struggle in crowd.
- Students / staffs can order their food early and collect their food at break time.
- Students need not to skip their meals and also have no fear of losing attendance as they need not to waste time.
- Food shop keepers can purchase subscription plan instead of spending much money on workers to manage orders.
- Our system can easily fulfill the needs of vendors to reach out their customers.
- No fear of losing money for Vendor's orders and prevents cheats from customers.
- Time management.

2. SYSTEM REQUIREMENTS

2.1 Hardware Specifications :

- Processor: AMD Ryzen 5 4600H with Radeon Graphics
- Processor speed: 3.00GHz
- RAM: 8.0 GB
- Monitor: HP PAVILLION DB5B3A110EEA

2.2 Software Specifications :

- OS- Windows 11 64 bit
- Front end: Visual Basic 6.0
- Back end: Microsoft SQL Server 2019

2.3 Tools Survey :

2.3.1 Visual Basic 6.0 (FRONT END)

Visual Basic 6.0 (VB6) is a programming language and development environment released by Microsoft in 1998. VB6 is a Rapid Application Development (RAD) tool, meaning it allows developers to build applications quickly and easily using a visual interface and pre-built components.

However, VB6 has not been updated since 1998 and is no longer actively developed by Microsoft. It has been replaced by newer and more advanced programming languages and development environments, such as Visual Basic .NET (VB.NET). It is also important to note that while VB6 is still in use in some organizations, Microsoft has ended mainstream support for the product, which means that security updates and technical support are no longer provided.

Advantages of Visual Basic 6.0 :

- **User-friendly interface:** VB6 provides a visual interface for designing and building applications, making it accessible to developers with limited programming experience.
- **Integration with Windows:** VB6 is designed to work with the Windows operating system, allowing developers to easily create Windows-based applications.
- **Large Community:** VB6 has a large and active community of developers, making it easy to find support and resources for building applications.
- **Legacy Support:** VB6 is still used in many organizations to support legacy applications, making it an important tool for maintaining and updating older systems.
- **Easy to learn:** VB6 has a simple and intuitive syntax, making it easy for developers to learn and start building applications quickly.

Disadvantages of Visual Basic 6.0 :

- **Outdated:** VB6 has not been updated since 1998 and is no longer actively developed by Microsoft. It has been replaced by newer and more advanced programming languages and development environments.
- **Lack of Security:** As VB6 is an older language, it may have security vulnerabilities that have not been addressed in more recent versions.
- **Limited Capabilities:** VB6 has limited capabilities compared to more recent programming languages and development environments, making it less suitable for building complex applications.
- **No Mobile Support:** VB6 does not provide support for building mobile applications, making it less suitable for organizations that need to build applications that run on multiple platforms.
- **End of Mainstream Support:** Microsoft has ended mainstream support for VB6, which means that security updates and technical support are no longer provided.

Applications of Visual Basic 6.0 :

- **Legacy Application Support:** VB6 is still used in many organizations to support legacy applications, making it an important tool for maintaining and updating older systems.
- **Business Applications:** VB6 is used to build business applications, such as accounting systems, inventory management systems, and customer relationship management (CRM) systems.
- **Desktop Applications:** VB6 is used to build desktop applications, such as desktop utilities and productivity tools.
- **Gaming:** VB6 is used to build simple games and game prototypes.
- **Educational Purposes:** VB6 is used in educational institutions as an introductory programming language for students to learn programming concepts and techniques.

2.3.2 Microsoft SQL Server 2019 (BACK END)

Microsoft SQL Server 2019 is a relational database management system (RDBMS) developed and marketed by Microsoft. It is the latest version of the SQL Server database software and is widely used for managing and storing data in large-scale applications and data warehouses. Key features of SQL Server 2019 include improved security, support for big data and advanced analytics, enhanced performance and scalability, and improved integration with other Microsoft products.

Need of Microsoft SQL Server 2019 :

- **Scalability and Performance:** SQL Server 2019 provides improved scalability and performance, allowing you to handle more data and users with increased speed and efficiency.
- **Security:** SQL Server 2019 has advanced security features, such as Always Encrypted, Row-Level Security, and Dynamic Data Masking, that help protect your sensitive data from theft or unauthorized access.

- **Big Data Integration:** SQL Server 2019 provides integrated support for big data scenarios, allowing you to easily manage and analyze large amounts of structured and unstructured data.
- **Advanced Analytics:** SQL Server 2019 provides advanced analytics capabilities, such as support for R and Python scripts, that allow you to perform complex data analysis and modeling tasks.
- **Cloud Integration:** SQL Server 2019 supports hybrid cloud scenarios, allowing you to easily integrate on-premise and cloud-based data sources.
- **Improved User Experience:** SQL Server 2019 provides a more intuitive user experience, making it easier for database administrators and developers to manage and work with the database.
- **Integration with Other Microsoft Products:** SQL Server 2019 integrates seamlessly with other Microsoft products, such as Azure and Power BI, providing a unified and streamlined solution for your data management needs.

Advantages of Microsoft SQL Server 2019 :

- **High Performance:** SQL Server 2019 provides fast performance with advanced indexing and query optimization features.
- **Enterprise-level Security:** With advanced security features such as transparent data encryption and always encrypted, SQL Server 2019 helps protect sensitive data from theft or unauthorized access.
- **Easy Integration with Other Tools:** SQL Server 2019 integrates easily with other Microsoft products and tools, making it a good choice for organizations using other Microsoft technologies.
- **Cost-effective:** SQL Server 2019 is a cost-effective solution for data management, especially when compared to other enterprise-level database management systems.
- **Robust Backup and Recovery:** SQL Server 2019 provides robust backup and recovery features, including point-in-time recovery, which helps protect against data loss.

Disadvantages of Microsoft SQL Server 2019 :

- **Complexity:** The advanced features of SQL Server 2019 can be complex to use and manage, especially for those with limited technical experience.
- **Resource Intensive:** SQL Server 2019 requires a significant amount of resources, such as memory and storage, to run efficiently, making it less suitable for small organizations with limited resources.
- **Licensing Costs:** SQL Server 2019 can be expensive to license, especially for large organizations with many users.
- **Limited Support for NoSQL Databases:** While SQL Server 2019 provides some support for NoSQL databases, it is not as comprehensive as other dedicated NoSQL database management systems.
- **Limited Portability:** SQL Server 2019 is designed primarily for use on Windows operating systems, making it less portable to other platforms.

Applications of Microsoft SQL Server 2019 :

- **Data Warehousing:** SQL Server 2019 is widely used for data warehousing, where large amounts of data need to be stored, processed, and analyzed efficiently.
- **Business Intelligence:** SQL Server 2019 provides advanced analytics capabilities, making it a popular choice for business intelligence applications, where data is analyzed to support decision-making.
- **Line-of-Business Applications:** SQL Server 2019 is used as the database backend for many line-of-business applications, such as customer relationship management (CRM) and enterprise resource planning (ERP) systems.
- **e-Commerce:** SQL Server 2019 is used to manage and store data in e-commerce applications, such as online shopping carts and payment systems.
- **Healthcare:** SQL Server 2019 is used in healthcare applications to store and manage patient information, electronic health records (EHRs), and other sensitive medical data.

3. SYSTEM DESIGN

3.1 Main Modules

3.1.1 Customer's Module:

Burgers / Sandwiches	Price Rs./-	Rice Items	Price Rs./-	Snacks	Price Rs./-
<input type="checkbox"/> Veg Burger	50	<input checked="" type="checkbox"/> Biriyani	100	<input type="checkbox"/> KitKat	20
<input type="checkbox"/> Chicken Burger	70	<input type="checkbox"/> Veg Fried Rice	60	<input type="checkbox"/> Frooti	10

Starters	Price Rs./-	Chicken/Veg Rolls	Price Rs./-	IceCreams / MilkShakes	Price Rs./-
<input checked="" type="checkbox"/> Chicken 65	90	<input type="checkbox"/> Chicken Roll	70	<input type="checkbox"/> Oreo MilkShake	60
<input type="checkbox"/> French Fries	50	<input type="checkbox"/> Veg Roll	60	<input type="checkbox"/> Black Current Cone	35

Selected Items	Price Rs.-	Quantity	Amount Rs.-
Biriyani	100	1	100
Chicken 65	90	2	180

Total Amount : 280

Fig. No. 3.1

Customer's Module Functionality:

- ✓ Customer can select any shop they want from the shops which are available.
- ✓ Customers can order N numbers of items with quantity of Min of 1 and Max of 5 each for item.
- ✓ Customer can Cancel or Confirm the order.
- ✓ Automatic bill calculation and Bill Generate of Customer's Order.
- ✓ Customers will get 4 payment methods for payment(Google Pay, Phone pe , Paytm , Net Banking).
- ✓ Bill will be generated with order details, time , date , total amount and vendors details.
- ✓ Customers can track their orders and check the Status of order in home page by entering Order Id and Order Key provided in bill.
- ✓ Customers can report on vendors or can Contact admin through mail which is displayed on contact page.
- ✓ Customers need to provided Order key to food shop vendor to complete the order.
- ✓ Customers need not to login to order their food and to track their orders.
- ✓ Customers will receive an SMS of feedback link, where they can give feedback for their orders

3.1.2 Vendor's Module:

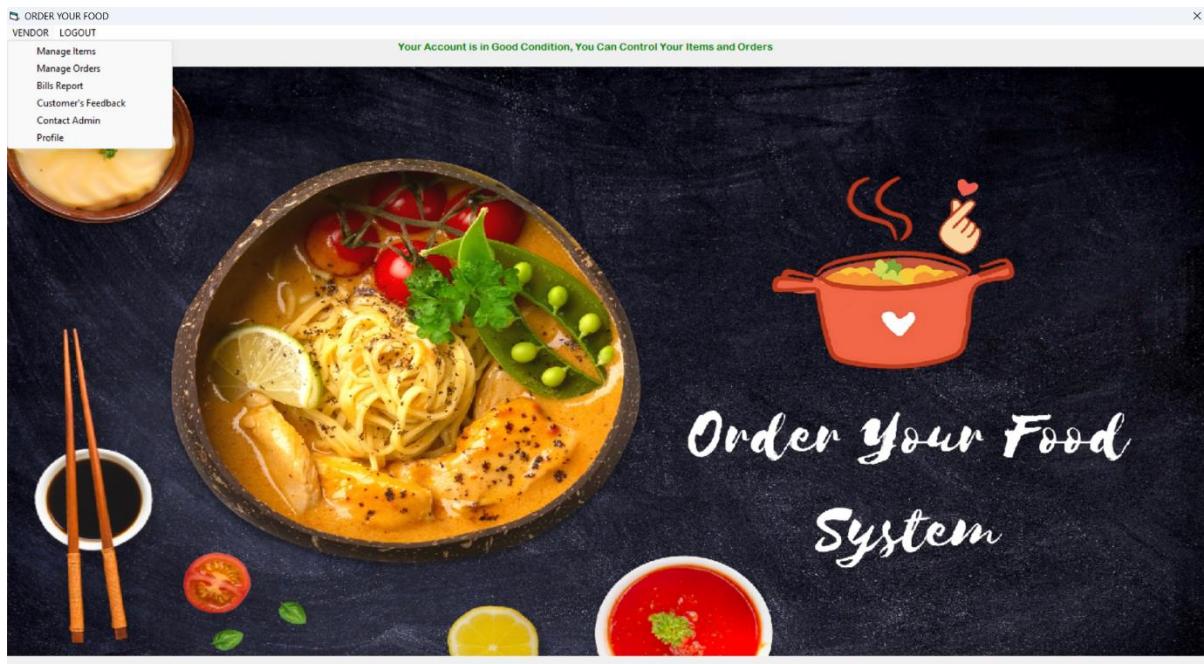


Fig. No. 3.2

Vendor's Module Functionality:

- ✓ Vendors account status will Automatically displayed in their dashboard.
- ✓ Vendors can Manage Items and Orders only if vendor account status is Active.
- ✓ Vendors can Add, Delete, Modify the Items by item Name and its price.
- ✓ Vendors can edit their profile by visiting profile page.
- ✓ Vendors can manage customer's orders and update order status.
- ✓ Vendors can update order to ready status once the order is ready.
- ✓ Vendors can only complete order by entering correct order Key from the customer.
- ✓ If Vendors account subscription is expired, then can Re-new their subscription by visiting profile page.
- ✓ If vendors account is Suspended , they can contact Admin through admin mail displayed in contact page and enquiry.
- ✓ Vendors can view the order's details and the items of order in manage orders.
- ✓ Vendors can view their all orders bills report.
- ✓ Vendors can receive feedbacks from customers and improve their services.

3.1.3 Admin's Module:

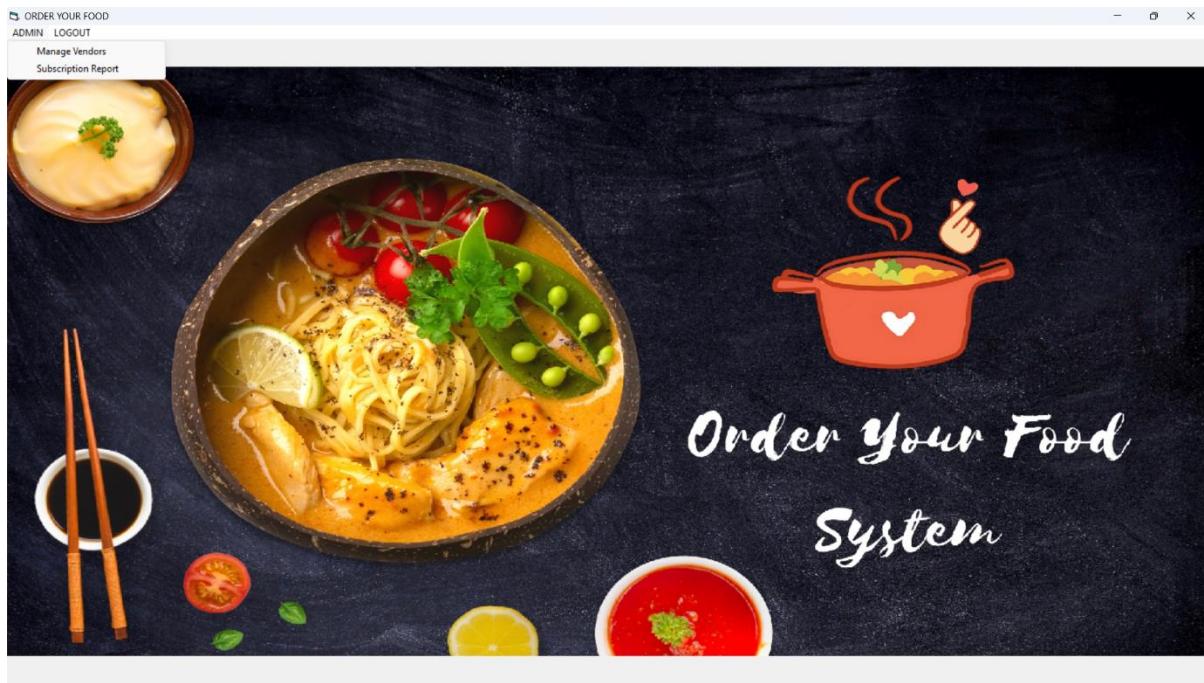


Fig. No. 3.3

Admin's Module Functionality:

- ✓ Admin can manage vendors and can see vendors Details.
- ✓ Admin can filter and check specific Vendor's Subscription History.
- ✓ Admin can check the all subscription report.
- ✓ Admin can Suspend any Vendors if any reports or Complaints on any vendor by the customers.
- ✓ Admin can Re-activate Vendors after resolve of any problems / Complaints.

3.2 Data Flow Diagram

A data flow diagram (DFD) is a graphical representation of the flow of data in a system. It is used to visualize and analyze the flow of information within a system and identify potential bottlenecks, inefficiencies, or security risks. A DFD typically consists of a set of symbols and shapes that represent various components in a system and the relationships between them.

DFDs are useful for a wide range of applications, including systems analysis, software design, process improvement, and project management. They are often used in the early stages of software development to define the requirements for a system and to identify potential problems before they occur.

Advantages of Data Flow Diagrams:

- **Clarity:** DFDs provide a clear visual representation of the flow of data in a system, making it easier to understand and communicate to others.
- **Systematic Approach:** DFDs help to identify the different components of a system and the relationships between them, making it easier to analyze and improve the system.
- **Improved Accuracy:** DFDs help to ensure that data is accurately represented in a system, reducing the risk of errors or discrepancies.
- **Early Identification of Problems:** DFDs can be used to identify potential bottlenecks, inefficiencies, or security risks in a system before they occur, allowing for early resolution.
- **Better Understanding of System Requirements:** DFDs help to define the requirements for a system and ensure that all stakeholders have a clear understanding of what the system is expected to do.

Disadvantages of Data Flow Diagrams:

- **Complexity:** For complex systems, creating a detailed and accurate DFD can be time-consuming and require a high level of expertise.
- **Limited Flexibility:** Once a DFD has been created, it can be difficult to change or modify, making it less flexible than other design tools.
- **Limited Representation of Real-World Situations:** DFDs are a simplified representation of a system and may not accurately reflect real-world situations.
- **Limited Representation of Dynamic Systems:** DFDs are designed to represent static systems and may not accurately represent dynamic systems that change over time.
- **Limited Representation of Non-Data Aspects:** DFDs are focused on the flow of data and may not accurately represent other important aspects of a system, such as user interfaces or security requirements.

Components of Data Flow Diagrams:

	Process	A process shows a transformation or manipulation of data flows within the system.
	External Entity	An external entity is a source or destination of a data flow which is outside the area of study. Only those entities which originate or receive data are represented on a business process diagram.
	Data Store	A data store is a holding place for information within the system. It is represented by an open-ended narrow rectangle.
	Data Flow	A data flow shows the flow of information from its source to its destination. A data flow is represented by a line, with arrowheads showing the direction of flow.

Fig. No. 3.4

Data Flow Diagrams Levels

Context Level (Zero level) DFD:

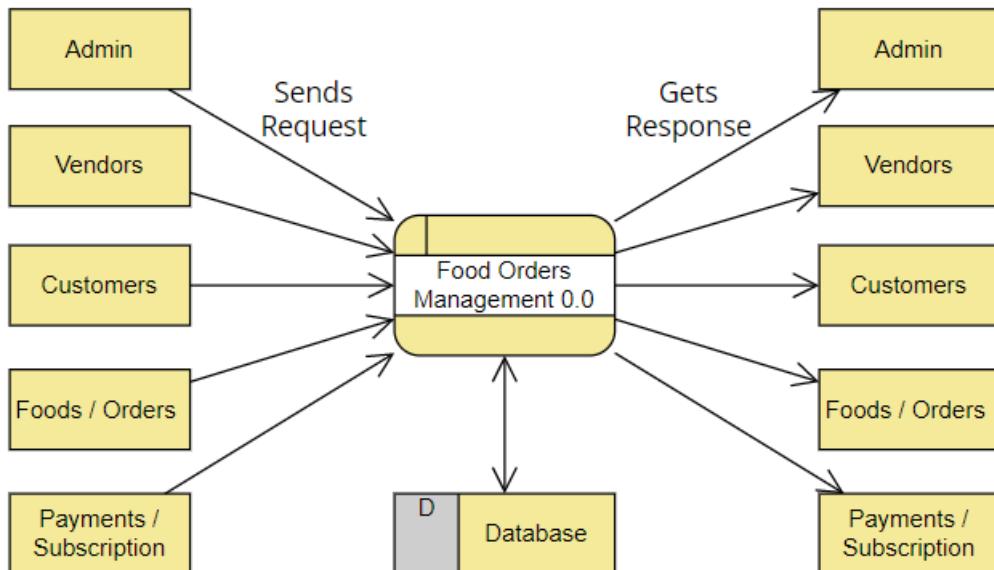


Fig. No. 3.5

First Level DFD:

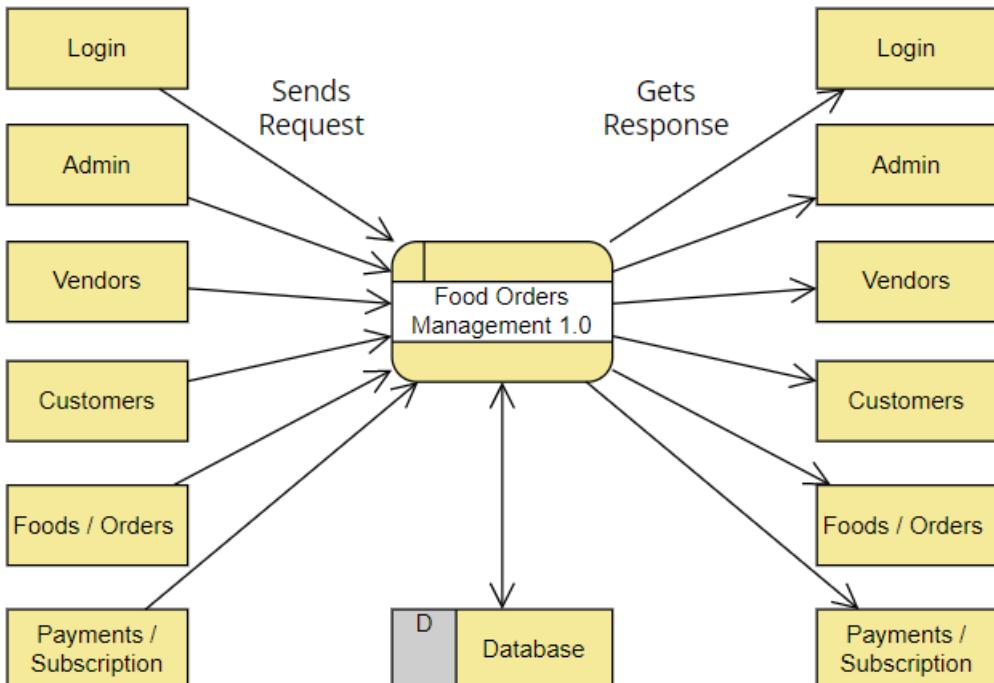


Fig. No. 3.6

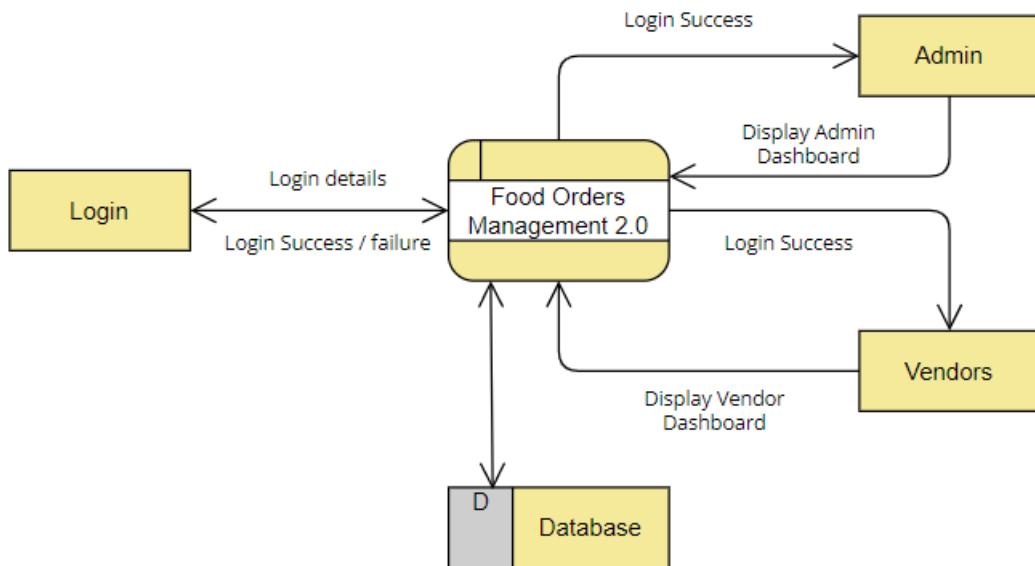
Second Level DFD:

Fig. No. 3.7

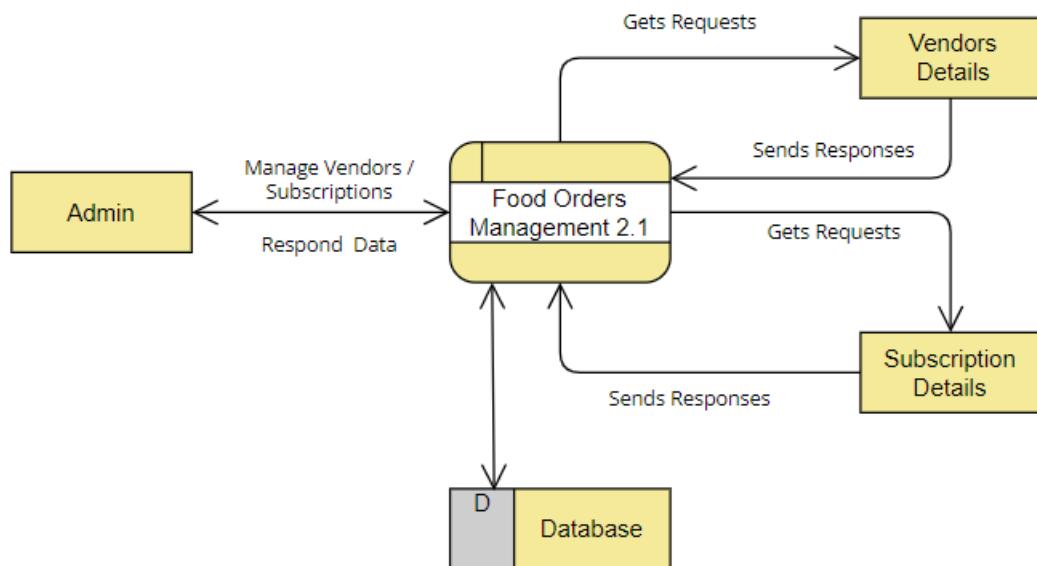


Fig. No. 3.8

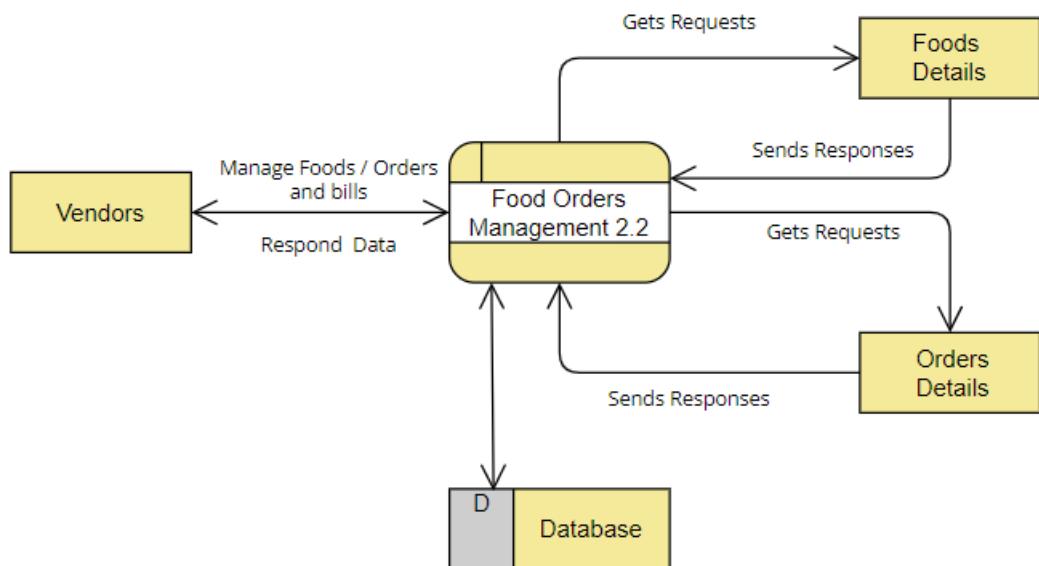


Fig. No. 3.9

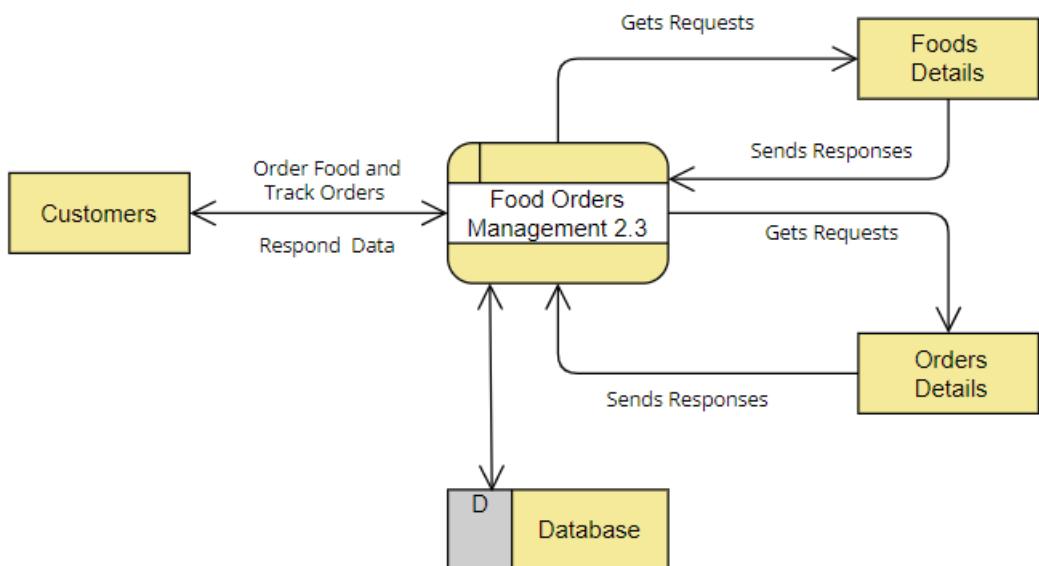


Fig. No. 3.10

3.3 Entity Relationship Diagram (ER- Diagram)

An Entity Relationship Diagram (ERD) is a graphical representation of entities and their relationships to each other, used in database design. An entity can be a real-world object, such as a customer or an order, with attributes described by columns in a database table. Relationships between entities are depicted as lines connecting them, with a diamond shape representing the relationship itself and identifying the cardinality (e.g. one-to-one, one-to-many, many-to-many). ERDs help visualize the structure of data and communicate design decisions to stakeholders.

Entities: The representation of real-world objects or concepts as graphical symbols, with their properties defined as attributes.

Relationships: The connections between entities, depicted as lines connecting the entities, with a diamond shape representing the relationship itself and identifying the cardinality.

Advantages of Entity Relationship Diagram (ERD):

- **Clear visualization:** ERDs provide a clear and concise visual representation of entities and their relationships, making it easier for stakeholders to understand the data structure and design decisions.
- **Database design aid:** ERDs help database designers to identify entities, attributes, and relationships before creating tables, thus reducing the risk of design errors.
- **Improved data integrity:** ERDs help ensure data integrity by highlighting relationships between entities and enforcing rules, such as referential integrity, through the use of primary and foreign keys.
- **Facilitated communication:** ERDs can be used to communicate design decisions to stakeholders and facilitate discussion about the data structure.
- **Ease of maintenance:** ERDs make it easier to maintain the database as it grows and evolves, as changes to the data structure can be easily communicated and made through updating the diagram.

Disadvantages of Entity Relationship Diagram (ERD):

- **Complexity:** ERDs can become complex, especially for large and sophisticated databases, making it difficult to understand the relationships and design decisions.
- **Limited functionality:** ERDs only provide a high-level overview of the data structure and do not include detailed information such as data types and constraints.
- **Time-consuming:** Creating an ERD can be time-consuming, especially for large and complex databases, as it requires a thorough understanding of the data requirements and design decisions.
- **Limitations of visual representation:** ERDs are limited by the visual representation of data structures and relationships, which may not accurately reflect the complexity of the underlying data.
- **Difficulty in making changes:** Making changes to the data structure once the ERD is complete can be challenging, as it requires updates to the diagram and the corresponding database design.

Components of Entity Relationship Diagram (ERD):

Symbol	Name	
	Attribute	An attribute describes the property of an entity. An attribute is represented as Oval in an ER diagram.
	Derived Attribute	A derived attribute is one whose value is dynamic and derived from another attribute. It is represented by dashed oval in an ER Diagram.
	Entity	An entity relationship diagram (ERD) shows the relationships of entity sets stored in a database. An entity in this context is an object, a component of data. An entity set is a collection of similar entities. These entities can have attributes that define its properties
	Multivalued Attribute	An attribute that can hold multiple values is known as multivalued attribute. It is represented with double ovals in an ER Diagram.
	Relationship	A relationship is represented by diamond shape in ER diagram, it shows the relationship among entities.

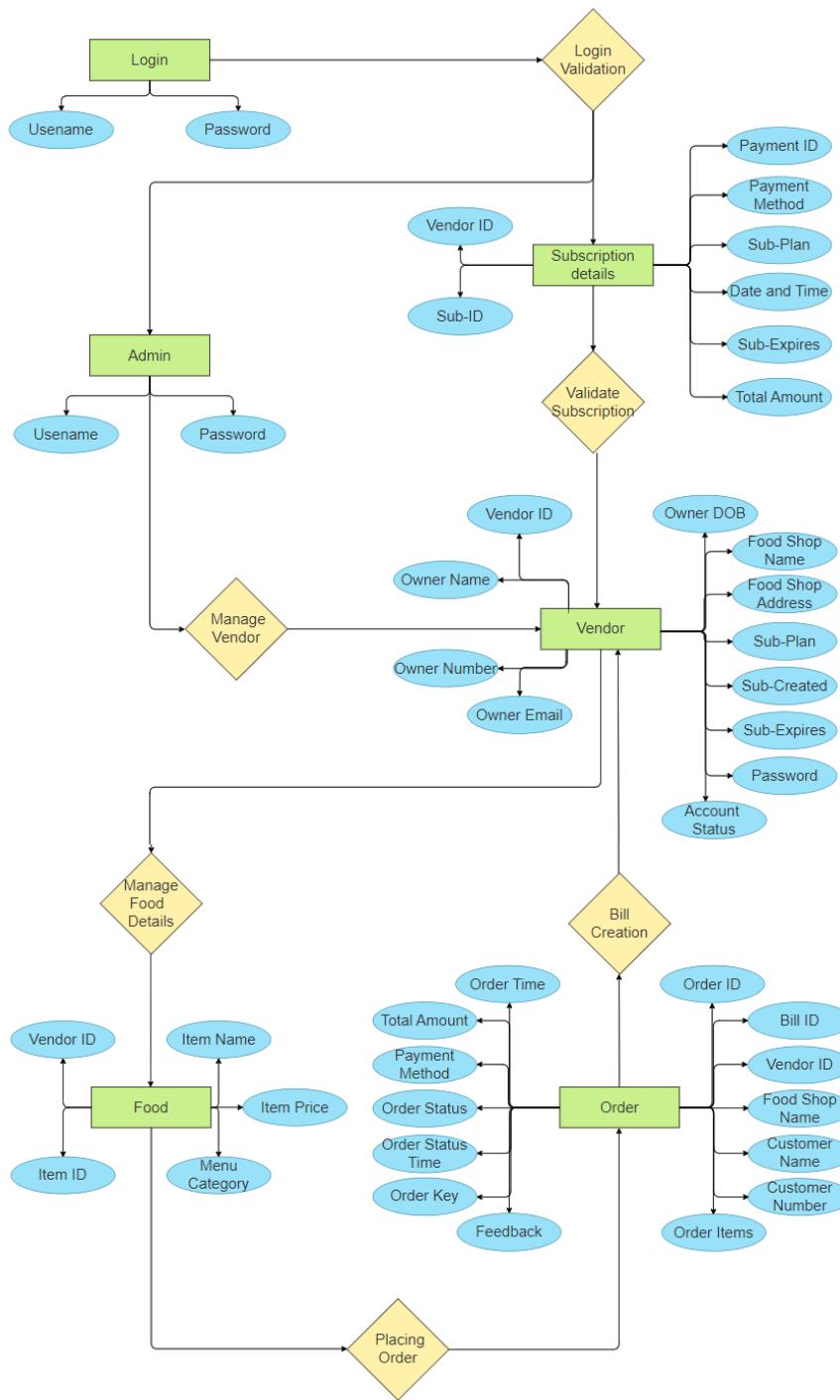
Entity Relationship Diagram (ERD):

Fig. No. 3.11

3.4 Database Design

3.4.1 Vendor's Details Table:

	Column Name	Data Type	Allow Nulls
PK	VendorID	nvarchar(10)	<input type="checkbox"/>
	OwnerName	char(20)	<input type="checkbox"/>
	OwnerNumber	numeric(10, 0)	<input type="checkbox"/>
	OwnerEmail	nvarchar(50)	<input type="checkbox"/>
	OwnerDOB	nchar(10)	<input type="checkbox"/>
	FoodShopName	nvarchar(50)	<input type="checkbox"/>
	SubscriptionPlan	nvarchar(50)	<input type="checkbox"/>
	SubscriptionCreated	datetime	<input type="checkbox"/>
	SubscriptionExpiresOn	date	<input type="checkbox"/>
	Password	nvarchar(10)	<input type="checkbox"/>
	Status	char(10)	<input type="checkbox"/>
	FoodShopAddress	nvarchar(50)	<input type="checkbox"/>

Table No. 3.1

3.4.2 Item's Details Table:

	Column Name	Data Type	Allow Nulls
	VendorID	nvarchar(10)	<input type="checkbox"/>
PK	ItemID	nvarchar(10)	<input type="checkbox"/>
	ItemName	nvarchar(10)	<input type="checkbox"/>
	MenuCategory	char(10)	<input type="checkbox"/>
	ItemPrice	numeric(5, 0)	<input type="checkbox"/>

Table No. 3.2

3.4.3 Subscription's Details Table:

	Column Name	Data Type	Allow Nulls
	VendorID	nvarchar(10)	<input type="checkbox"/>
	PaymentID	nvarchar(10)	<input type="checkbox"/>
🔑	SubscriptionID	nvarchar(10)	<input type="checkbox"/>
	PaymentMethod	text	<input type="checkbox"/>
	SubscriptionPlan	nvarchar(50)	<input type="checkbox"/>
	DateTime	nvarchar(50)	<input type="checkbox"/>
	SubscriptionExpiresOn	nvarchar(50)	<input type="checkbox"/>
	TotalAmount	numeric(18, 0)	<input type="checkbox"/>

Table No. 3.3

3.4.4 Order's Details Table:

	Column Name	Data Type	Allow Nulls
🔑	OrderID	nvarchar(10)	<input type="checkbox"/>
	BillID	nvarchar(10)	<input type="checkbox"/>
	VendorID	nvarchar(10)	<input type="checkbox"/>
	FoodShopName	nvarchar(50)	<input type="checkbox"/>
	CustomerName	char(50)	<input type="checkbox"/>
	CustomerNumber	numeric(10, 0)	<input type="checkbox"/>
	OrderItems	nvarchar(50)	<input type="checkbox"/>
	OrderTime	nvarchar(10)	<input type="checkbox"/>
	TotalAmount	numeric(18, 0)	<input type="checkbox"/>
	PaymentMethod	char(10)	<input type="checkbox"/>
	OrderStatus	char(10)	<input type="checkbox"/>
	OrderStatusTime	nvarchar(10)	<input type="checkbox"/>
	SecretKey	numeric(4, 0)	<input type="checkbox"/>
	Feedback	nvarchar(50)	<input checked="" type="checkbox"/>

Table No. 3.4

4. MODULES CODING

4.1 Home page :

```
Private Sub Command1_Click()
    contact.Label1.Caption = "Hello , Dear Customer"
    contact.Label2.Caption = "Happy to see you here , " + vbNewLine + "If you have any issues
    / Report on Vendor You can feel free to contact us."
    contact.Label3.Caption = "Admin@gamil.com"
    contact.Label4.Caption = "You can contact us throught email for this below Email Address"
    contact.Show , home
End Sub
```

```
Private Sub Form_Load()
    Image1.Top = 0
    Image1.Left = 0
    Image1.Width = Screen.Width
    Image1.Height = Screen.Height
    Frame1.Top = 750
    Frame1.Left = Screen.Width - 5000
    Command1.Top = 2800
    Command1.Left = Screen.Width - 3000
    txttrack.Left = Screen.Width - 10000
    txtorder.Top = 8400
    txtorder.Left = 2000
    Adodc2.RecordSource = "select * from OrderDetails"
    Adodc2.Refresh
End Sub
```

```
Private Sub txthelp_Click()
    MsgBox "What is term Vendor in our System ?" + vbNewLine + "Vendors are the food-
    providers who can get orders from Customers by displaying their food list and prices in our
```

```
System" + vbNewLine + "Willing to Join as Vendor ? Then click Signup to join us.",  
vbInformation  
End Sub
```

```
Private Sub Label2_Click()  
login.Adodc1.Refresh  
login.Show  
login.txtvid.SetFocus  
'Unload Me  
End Sub
```

```
Private Sub Label3_Click()  
vendorsignup.Adodc1.Refresh  
Load vendorsignup  
vendorsignup.Show , home  
'home.Hide  
End Sub
```

```
Private Sub txtorder_Click()  
Dim id As Integer  
Dim id1 As String  
On Error GoTo errmsg  
orders.Adodc1.Refresh  
orders.Adodc1.Recordset.MoveLast  
id1 = orders.Adodc1.Recordset("OrderID")  
id = Mid(id1, 2, 4) + 1  
orders.Adodc1.Recordset.AddNew  
orders.txtid.Text = "O" & id  
orders.txtname = ""  
orders.txtnum = ""  
orders.txtid.Enabled = False  
Load orders  
orders.Show , home  
Exit Sub  
errmsg:
```

```
orders.Adodc1.Recordset.AddNew
orders.txtid.Text = "O1001"
orders.txtname = ""
orders.txtnum = ""
orders.txtid.Enabled = False
Load orders
orders.Show , home
End Sub
Private Sub txttrack_Click()
Adodc2.Refresh
Dim a As String
Dim b As String
a = InputBox("Please Enter your OrderID.")
With Adodc2.Recordset
.MoveFirst
.Find "OrderID="" & a & """
If .EOF Then
MsgBox "Entered OrderID is Not Exist.Please Check Your OrderID ", vbCritical
Else
b = InputBox("Please Enter your OrderKey.")
If b = .Fields("SecretKey") Then
MsgBox "Your Order is " & .Fields("OrderStatus") & " " & .Fields("OrderStatusTime") &
"."
Else
MsgBox "You have Enter Wrong OrderKey, Please Check again ", vbCritical
End If
End If
End With
End Sub
```

4.2 Customer's Order page:

```
Dim vi As String
```

```
Dim vd As String
```

```
Private Sub cmdconfirm_Click()
```

```
If txtname = "" Or txtnum = "" Or Order.ListItems.Count = 0 Then
```

```
MsgBox vbNewLine + "Please select the items for order confirmation"
```

```
Else
```

```
Dim id As Integer
```

```
Dim id1 As String
```

```
On Error GoTo errmsg
```

```
Customerpay.Adodc1.Refresh
```

```
Customerpay.Adodc1.Recordset.MoveLast
```

```
id1 = Customerpay.Adodc1.Recordset("BillID")
```

```
id = Mid(id1, 2, 4) + 1
```

```
Customerpay.Label11.Caption = "B" & id
```

```
Customerpay.Label8.Caption = txtamt.Text
```

```
Customerpay.Label6.Caption = txtid.Text
```

```
Customerpay.Label13.Caption = txtname.Text
```

```
Customerpay.Label7.Caption = txtnum.Text
```

```
Customerpay.Label17.Caption = vi
```

```
Customerpay.Label18.Caption = vd
```

```
Customerpay.Label15.Caption = Combo1.Text
```

```
Customerpay.Show
```

```
Exit Sub
```

```
errmsg:
```

```
Customerpay.Label11.Caption = "B1001"
```

```
Customerpay.Label8.Caption = txtamt.Text
```

```
Customerpay.Label13.Caption = txtname.Text
```

```
Customerpay.Label7.Caption = txtnum.Text
```

```
Customerpay.Label6.Caption = txtid.Text
```

```
Customerpay.Label17.Caption = vi  
Customerpay.Label18.Caption = vd  
Customerpay.Label15.Caption = Combo1.Text  
Customerpay.Show  
End If  
End Sub
```

```
Private Sub cmddelete_Click()  
Unload Me  
End Sub
```

```
Private Sub cmdqty_Click()  
Order.Enabled = True  
UpDown1.Enabled = True  
End Sub
```

```
Private Sub Starters_ItemCheck(ByVal Item As MSComctlLib.ListItem)  
Call Order1  
End Sub  
Private Sub Rice_ItemCheck(ByVal Item As MSComctlLib.ListItem)  
Call Order1  
End Sub
```

```
Private Sub Snacks_ItemCheck(ByVal Item As MSComctlLib.ListItem)  
Call Order1  
End Sub
```

```
Private Sub Burger_ItemCheck(ByVal Item As MSComctlLib.ListItem)  
Call Order1  
End Sub
```

```
Private Sub rolls_ItemCheck(ByVal Item As MSComctlLib.ListItem)  
Call Order1  
End Sub
```

```
Private Sub icecream_ItemCheck(ByVal Item As MSComctlLib.ListItem)  
Call Order1
```

End Sub

Private Sub cmdclear_Click()

Call clear

End Sub

Private Sub Combo1_DropDown()

If txtname = "" Or txtnum = "" Then

MsgBox "Please enter your Name and Number"

txtname.SetFocus

Else

On Error GoTo errmsg

Combo1.clear

Adodc2.Refresh

With Adodc2.Recordset

.MoveFirst

While Not .EOF

If DateValue(Format(Now, "dd/MM/yyyy")) >

DateValue(Format(.Fields("SubscriptionExpiresOn"), "dd/MM/yyyy")) Then

Else

Combo1.AddItem .Fields("FoodShopName")

.MoveNext

End If

Wend

End With

Exit Sub

errmsg:

MsgBox "No Food Shops are Available at this Moment"

End If

End Sub

Private Sub combo1_KeyPress(KeyAscii As Integer)

If Combo1 = "" Then

Else

```
ItemsDetails.RecordSource = "Select * from VendorSignup"
ItemsDetails.Refresh
ItemsDetails.Recordset.MoveFirst
ItemsDetails.Recordset.Find "FoodShopName="" & Combo1.Text & """
vi = ItemsDetails.Recordset.Fields("VendorID")
vd = ItemsDetails.Recordset.Fields("FoodShopAddress")
If KeyAscii = 13 Then
    Call data
End If
End If
End Sub
```

```
Private Sub Combo1_LostFocus()
If Combo1 = "" Then
Else
    ItemsDetails.RecordSource = "Select * from VendorSignup"
    ItemsDetails.Refresh
    ItemsDetails.Recordset.MoveFirst
    ItemsDetails.Recordset.Find "FoodShopName="" & Combo1.Text & """
    vi = ItemsDetails.Recordset.Fields("VendorID")
    vd = ItemsDetails.Recordset.Fields("FoodShopAddress")
    Call data
End If
End Sub
```

```
Private Sub Form_Load()
Call clear
Me.Top = dashboard.Frame1.Height + 1000
Me.Left = 200
Me.Width = Screen.Width - 400
Me.Height = Screen.Height - 2000 - dashboard.Frame1.Height
Label1.Top = 200
Label1.Left = 800
```

Label1.Height = 600

Label1.Width = managevendors.Width - 1600

Frame1.Left = Me.Width / 2 - Frame1.Width / 2

Order.Enabled = False

UpDown1.Enabled = False

Dim id As Integer

Dim id1 As String

On Error GoTo errmsg

Adodc1.Refresh

Adodc1.Recordset.MoveLast

id1 = Adodc1.Recordset("OrderID")

id = Mid(id1, 2, 4) + 1

Adodc1.Recordset.AddNew

txtid.Text = "O" & id

txtname = ""

txtnum = ""

txtid.Enabled = False

Exit Sub

errmsg:

orders.Adodc1.Recordset.AddNew

orders.txtid.Text = "O1001"

orders.txtname = ""

orders.txtnum = ""

orders.txtid.Enabled = False

End Sub

Function data()

Burger.ListItems.clear

Rice.ListItems.clear

Snacks.ListItems.clear

Starters.ListItems.clear

rolls.ListItems.clear

icecream.ListItems.clear

Dim lv As ListItem

```
ItemsDetails.RecordSource = "select * from ItemsDetails where VendorID="" & vi & "" and  
MenuCategory='Burger'"
```

```
ItemsDetails.Refresh  
If (ItemsDetails.Recordset.BOF = False) Then  
    ItemsDetails.Recordset.MoveFirst  
    For i = 1 To ItemsDetails.Recordset.RecordCount  
        Set lv = Burger.ListItems.Add(, , CStr(ItemsDetails.Recordset.Fields("ItemName")))  
        lv.SubItems(1) = CStr(ItemsDetails.Recordset.Fields("ItemPrice"))  
        ItemsDetails.Recordset.MoveNext  
    Next  
End If  
  
ItemsDetails.RecordSource = "select * from ItemsDetails where VendorID="" & vi & "" and  
MenuCategory='Rice'"  
ItemsDetails.Refresh  
If (ItemsDetails.Recordset.BOF = False) Then  
    ItemsDetails.Recordset.MoveFirst  
    For i = 1 To ItemsDetails.Recordset.RecordCount  
        Set lv = Rice.ListItems.Add(, , CStr(ItemsDetails.Recordset.Fields("ItemName")))  
        lv.SubItems(1) = CStr(ItemsDetails.Recordset.Fields("ItemPrice"))  
        ItemsDetails.Recordset.MoveNext  
    Next  
End If  
  
ItemsDetails.RecordSource = "select * from ItemsDetails where VendorID="" & vi & "" and  
MenuCategory='Snacks'"  
ItemsDetails.Refresh  
If (ItemsDetails.Recordset.BOF = False) Then  
    ItemsDetails.Recordset.MoveFirst  
    For i = 1 To ItemsDetails.Recordset.RecordCount  
        Set lv = Snacks.ListItems.Add(, , CStr(ItemsDetails.Recordset.Fields("ItemName")))  
        lv.SubItems(1) = CStr(ItemsDetails.Recordset.Fields("ItemPrice"))  
        ItemsDetails.Recordset.MoveNext  
    Next  
End If
```

```
ItemsDetails.RecordSource = "select * from ItemsDetails where VendorID=''" & vi & "" and  
MenuCategory='Starters'"  
ItemsDetails.Refresh  
  
If (ItemsDetails.Recordset.BOF = False) Then  
    ItemsDetails.Recordset.MoveFirst  
    For i = 1 To ItemsDetails.Recordset.RecordCount  
        Set lv = Starters.ListItems.Add(, , CStr(ItemsDetails.Recordset.Fields("ItemName")))  
        lv.SubItems(1) = CStr(ItemsDetails.Recordset.Fields("ItemPrice"))  
        ItemsDetails.Recordset.MoveNext  
    Next  
End If  
  
ItemsDetails.RecordSource = "select * from ItemsDetails where VendorID=''" & vi & "" and  
MenuCategory='Rolls'"  
ItemsDetails.Refresh  
If (ItemsDetails.Recordset.BOF = False) Then  
    ItemsDetails.Recordset.MoveFirst  
    For i = 1 To ItemsDetails.Recordset.RecordCount  
        Set lv = rolls.ListItems.Add(, , CStr(ItemsDetails.Recordset.Fields("ItemName")))  
        lv.SubItems(1) = CStr(ItemsDetails.Recordset.Fields("ItemPrice"))  
        ItemsDetails.Recordset.MoveNext  
    Next  
End If  
  
ItemsDetails.RecordSource = "select * from ItemsDetails where VendorID=''" & vi & "" and  
MenuCategory='Icecream'"  
ItemsDetails.Refresh  
If (ItemsDetails.Recordset.BOF = False) Then  
    ItemsDetails.Recordset.MoveFirst  
    For i = 1 To ItemsDetails.Recordset.RecordCount  
        Set lv = icecream.ListItems.Add(, , CStr(ItemsDetails.Recordset.Fields("ItemName")))  
        lv.SubItems(1) = CStr(ItemsDetails.Recordset.Fields("ItemPrice"))  
        ItemsDetails.Recordset.MoveNext  
    Next  
End If
```

```
End Function

Function clear()
txtname = ""
txtnum = ""

txtamt = ""

End Function

Function Order1()
Order.ListItems.clear
Dim i, j As Integer
i = 1
j = 1
While Not i = Burger.ListItems.Count + 1
If Burger.ListItems(i).Checked = True Then
Order.ListItems.Add , , Burger.ListItems(i).Text
Order.ListItems(j).ListSubItems.Add , , Burger.ListItems(i).SubItems(1)
Order.ListItems(j).ListSubItems.Add , , 1
Order.ListItems(j).ListSubItems.Add , , Burger.ListItems(i).SubItems(1)
j = j + 1
End If
i = i + 1
Wend
i = 1
While Not i = Rice.ListItems.Count + 1
If Rice.ListItems(i).Checked = True Then
Order.ListItems.Add , , Rice.ListItems(i).Text
Order.ListItems(j).ListSubItems.Add , , Rice.ListItems(i).SubItems(1)
Order.ListItems(j).ListSubItems.Add , , 1
Order.ListItems(j).ListSubItems.Add , , Rice.ListItems(i).SubItems(1)
j = j + 1
Else
End If
i = i + 1
Wend
```

i = 1

While Not i = Snacks.ListItems.Count + 1

If Snacks.ListItems(i).Checked = True Then

Order.ListItems.Add , , Snacks.ListItems(i).Text

Order.ListItems(j).ListSubItems.Add , , Snacks.ListItems(i).SubItems(1)

Order.ListItems(j).ListSubItems.Add , , 1

Order.ListItems(j).ListSubItems.Add , , Snacks.ListItems(i).SubItems(1)

j = j + 1

End If

i = i + 1

Wend

i = 1

While Not i = Starters.ListItems.Count + 1

If Starters.ListItems(i).Checked = True Then

Order.ListItems.Add , , Starters.ListItems(i).Text

Order.ListItems(j).ListSubItems.Add , , Starters.ListItems(i).SubItems(1)

Order.ListItems(j).ListSubItems.Add , , 1

Order.ListItems(j).ListSubItems.Add , , Starters.ListItems(i).SubItems(1)

j = j + 1

End If

i = i + 1

Wend

i = 1

While Not i = rolls.ListItems.Count + 1

If rolls.ListItems(i).Checked = True Then

Order.ListItems.Add , , rolls.ListItems(i).Text

Order.ListItems(j).ListSubItems.Add , , rolls.ListItems(i).SubItems(1)

Order.ListItems(j).ListSubItems.Add , , 1

Order.ListItems(j).ListSubItems.Add , , rolls.ListItems(i).SubItems(1)

j = j + 1

End If

i = i + 1

Wend

i = 1

While Not i = icecream.ListItems.Count + 1

If icecream.ListItems(i).Checked = True Then

Order.ListItems.Add , , icecream.ListItems(i).Text

Order.ListItems(j).ListSubItems.Add , , icecream.ListItems(i).SubItems(1)

Order.ListItems(j).ListSubItems.Add , , 1

Order.ListItems(j).ListSubItems.Add , , icecream.ListItems(i).SubItems(1)

j = j + 1

End If

i = i + 1

Wend

Dim sum As Integer

sum = 0

j = 1

For i = 1 To Order.ListItems.Count

sum = Order.ListItems(j).SubItems(3) + sum

j = j + 1

Next

txtamt.Text = sum

Order.Enabled = False

UpDown1.Enabled = False

If Order.ListItems.Count = 0 Then

cmdconfirm.Enabled = False

cmdqty.Enabled = False

Else

cmdconfirm.Enabled = True

cmdqty.Enabled = True

End If

End Function

Private Sub txtname_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

```
If txtname = "" Then
    MsgBox "Please Enter your Name"
    txtname.SetFocus
Else
    txtnum.SetFocus
End If
End If

End Sub
```

```
Private Sub txtnum_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
    If txtnum = "" Or Not (Len(txtnum) = 10) Then
        txtnum.Text = ""
        MsgBox "Please Enter 10 Digits Number Only"
        txtnum.SetFocus
    Else
        Combo1.SetFocus
    End If
End If
End Sub
```

```
Private Sub UpDown1_DownClick()
If Order.SelectedItem.ListSubItems(2).Text > 1 Then
    Order.SelectedItem.ListSubItems(2).Text = Val(Order.SelectedItem.ListSubItems(2).Text) -
    1
Else
    Order.SelectedItem.ListSubItems(3).Text = Order.SelectedItem.ListSubItems(2) *
    Order.SelectedItem.ListSubItems(1)
Dim sum As Integer
sum = 0
j = 1
```

```
For i = 1 To Order.ListItems.Count  
sum = Order.ListItems(j).SubItems(3) + sum  
j = j + 1  
Next  
txtamt.Text = sum  
End Sub
```

```
Private Sub UpDown1_Click()  
If Order.SelectedItem.ListSubItems(2).Text < 5 Then  
  
Order.SelectedItem.ListSubItems(2).Text = Val(Order.SelectedItem.ListSubItems(2).Text)  
+ 1  
Else  
End If  
  
Order.SelectedItem.ListSubItems(3).Text = Order.SelectedItem.ListSubItems(2) *  
Order.SelectedItem.ListSubItems(1)  
  
Dim sum As Integer  
sum = 0  
j = 1  
For i = 1 To Order.ListItems.Count  
sum = Order.ListItems(j).SubItems(3) + sum  
j = j + 1  
Next  
txtamt.Text = sum  
End Sub
```

4.3 Customer's Payment page:

```
Dim ta As String
```

```
Dim sk As String
```

```
Dim list As String
```

```
Function orderitems()
```

```
list = ""
```

```
Dim j As Integer
```

```
j = 1
```

```
For i = 1 To orders.Order.ListItems.Count
```

```
list = list + vbNewLine + CStr(orders.Order.ListItems(j).Text & " - " &
```

```
orders.Order.ListItems(j).SubItems(2))
```

```
j = j + 1
```

```
Next
```

```
Adodc1.Recordset.Fields("OrderItems") = CStr(list)
```

```
End Function
```

```
Function random()
```

```
random = CLng((1000 - 9999) * Rnd + 9999)
```

```
sk = random
```

```
On Error GoTo errmsg
```

```
Adodc1.Refresh
```

```
With Adodc1.Recordset
```

```
.MoveFirst
```

```
For i = 1 To .RecordCount
```

```
If sk = .Fields("SecretKey") Then
```

```
random = CLng((1000 - 9999) * Rnd + 9999)
```

```
sk = random
```

```
.MoveNext
```

```
End If
```

```
Next
```

```
End With
```

```
errmsg:
```

```
sk = random
```

```
End Function
```

```
Private Sub cmdcancel_Click()
```

```
Unload Me
```

```
End Sub
```

```
Private Sub cmdpay_Click()
```

```
Call random
```

```
If Option1.Value = False And Option2.Value = False And Option3.Value = False And
```

```
Option4.Value = False Then
```

```
MsgBox "Please select the Payment Method."
```

```
Else
```

```
Dim otp As String
```

```
Dim pm As String
```

```
If Option1.Value = True Then
```

```
pm = "Google Pay"
```

```
ElseIf Option2.Value = True Then
```

```
pm = "Phonepe"
```

```
ElseIf Option3.Value = True Then
```

```
pm = "Net Banking"
```

```
ElseIf Option4.Value = True Then
```

```
pm = "Paytm"
```

```
End If
```

```
otp = InputBox(pm + " as sent OTP to your number: " & vendorsignup.txtnum & " Please
```

```
Enter the OTP Below To Complete the Transaction.", "Complete the Transaction", "
```

```
HINT:Type OTP as 123456")
```

```
If Not (otp = "123456") Then
```

```
MsgBox "Entered otp Is invalid"
```

```
Else
```

```
Adodc1.Recordset.AddNew
```

```
Adodc1.Recordset.Fields("BillID") = Label11.Caption
```

```
Adodc1.Recordset.Fields("CustomerName") = Label13.Caption
```

```
Adodc1.Recordset.Fields("CustomerNumber") = Label7.Caption
```

```

Adodc1.Recordset.Fields("VendorID") = Label17.Caption
Adodc1.Recordset.Fields("OrderID") = Label6.Caption
Call orderitems
'Adodc1.Recordset.Fields("OrderItems") = orderitems
Adodc1.Recordset.Fields("FoodSHopName") = Label15.Caption
Adodc1.Recordset.Fields("PaymentMethod") = pm
Adodc1.Recordset.Fields("OrderTime") = Format(Now, "dd/MM/yyyy") & " " &
Format(Time, "HH:mm:ss AM/PM")
Adodc1.Recordset.Fields("TotalAmount") = Label8.Caption
Adodc1.Recordset.Fields("OrderStatus") = "Pending"
Adodc1.Recordset.Fields("OrderStatusTime") = "-----"
Adodc1.Recordset.Fields("SecretKey") = sk
Adodc1.Recordset.Update
MsgBox "Completing your Transaction please wait"
MsgBox "Your Transaction has been completed." + vbNewLine + "Note : You Will be
getting An Order Key for your Order , " + vbNewLine + "You need to provide Order ID and
Order Key only with Vendor at time of taking your Order "
 MsgBox ("Your Order ID : " & Label6.Caption + vbNewLine + "Your Order Key: " & sk +
vbNewLine + "Order has been placed Successfully")
Call printf
home.Show
Unload Me
Unload orders
orders.Show
End If
End If
End Sub

```

```

Private Sub Command1_Click()
Call printf
'Dim a As String
'a = InputBox("Enter order id")
'Adodc1.Recordset.Find "OrderID="" & a & """
' MsgBox Adodc1.Recordset.Fields("OrderItems")

```

End Sub

```
Private Sub Form_Load()
Me.Left = Screen.Width / 2 - Me.Width / 2
Me.Top = (Screen.Height) / 2 - Me.Height / 2
Label4.Caption = Format(Time, "HH:mm:ss AM/PM")
Label9.Caption = Date
End Sub
```

```
Private Sub Timer1_Timer()
Label4.Caption = Format(Time, "HH:mm:ss AM/PM")
Label9.Caption = Date
End Sub
```

```
Function printf()
CommonDialog1.ShowPrinter
Printer.PaperSize = 7
Printer.FontName = "Arial"
Printer.FontSize = 15
Printer.FontBold = True
Printer.CurrentX = 1000
Printer.CurrentY = 1250
Printer.Print "Bill ID: "
Printer.CurrentX = 3900
Printer.CurrentY = 1250
Printer.Print "Date: "
Printer.CurrentX = 6700
Printer.CurrentY = 1250
Printer.Print "Time: "
Printer.CurrentX = 1800
Printer.CurrentY = 4100
Printer.Print "Item Names"
Printer.CurrentX = 4800
Printer.CurrentY = 4100
```

```
Printer.Print "Price /-"  
Printer.CurrentX = 6000  
Printer.CurrentY = 4100  
Printer.Print "Quantity"  
Printer.CurrentX = 7700  
Printer.CurrentY = 4100  
Printer.Print "Amount /-"  
Printer.CurrentX = 5000  
Printer.CurrentY = 13380  
Printer.Print "Total Amount /-"  
Printer.CurrentX = 4000  
Printer.CurrentY = 1900  
Printer.Print "Order Details"  
Printer.FontBold = False  
Printer.FontSize = 12  
Printer.CurrentX = 4800  
Printer.CurrentY = 1300  
Printer.Print Date  
Printer.CurrentX = 7600  
Printer.CurrentY = 1300  
Printer.Print Format(Time, "HH:mm:ss AM/PM")  
Printer.CurrentX = 2100  
Printer.CurrentY = 1300  
Printer.Print Label11.Caption  
Printer.CurrentX = 6100  
Printer.CurrentY = 2400  
Printer.Print Label17.Caption  
Printer.CurrentX = 4800  
Printer.CurrentY = 3600  
Printer.Print Label18.Caption  
Printer.CurrentX = 7000  
Printer.CurrentY = 2800  
Printer.Print Label15.Caption  
Printer.FontSize = 12
```

```
Printer.CurrentX = 2500
Printer.CurrentY = 2400
Printer.Print Label13.Caption
Printer.CurrentX = 2800
Printer.CurrentY = 2800
Printer.Print Label7.Caption
Printer.CurrentX = 1700
Printer.CurrentY = 3200
Printer.Print Label6.Caption
Printer.CurrentX = 1800
Printer.CurrentY = 3600
Printer.Print sk
Printer.CurrentX = 7700
Printer.CurrentY = 13380
Printer.Print "Rs." & Label8.Caption & " /-
```

```
CurrentY = 4200
For i = 1 To orders.Order.ListItems.Count
```

```
    CurrentY = CurrentY + 500
    Printer.CurrentX = 600
    Printer.CurrentY = CurrentY
    Printer.Print CStr(orders.Order.ListItems(i).Text)
```

```
    Printer.CurrentX = 5100
    Printer.CurrentY = CurrentY
    Printer.Print CStr(orders.Order.ListItems(i).SubItems(1))
```

```
    Printer.CurrentX = 6500
    Printer.CurrentY = CurrentY
    Printer.Print CStr(orders.Order.ListItems(i).SubItems(2))
    Printer.CurrentX = 8100
    Printer.CurrentY = CurrentY
    Printer.Print CStr(orders.Order.ListItems(i).SubItems(3))
```

Next

```
Printer.FontBold = True  
Printer.FontSize = 12  
Printer.CurrentX = 4800  
Printer.CurrentY = 2400  
Printer.Print "Vendor ID: "  
Printer.CurrentX = 4800  
Printer.CurrentY = 2800  
Printer.Print "Food Shop Name: "  
Printer.CurrentX = 4800  
Printer.CurrentY = 3200  
Printer.Print "Food Shop Address: "  
Printer.FontSize = 12  
Printer.CurrentX = 500  
Printer.CurrentY = 2400  
Printer.Print "Customer Name: "  
Printer.CurrentX = 500  
Printer.CurrentY = 2800  
Printer.Print "Customer Number: "  
Printer.CurrentX = 500  
Printer.CurrentY = 3200  
Printer.Print "Order ID: "  
Printer.CurrentX = 500  
Printer.CurrentY = 3600  
Printer.Print "Order Key: "
```

```
'Header  
Printer.FontName = "Arial"  
Printer.FontSize = 30  
Printer.FontBold = True  
Printer.CurrentX = 1500  
Printer.CurrentY = 0
```

Printer.Print "Order Your Food System"

'Sleeping Lines

Printer.DrawWidth = 15

Printer.Line (350, 1000)-(9300, 1000)

Printer.Line (350, 1800)-(9300, 1800)

Printer.Line (350, 2300)-(9300, 2300)

Printer.Line (350, 4000)-(9300, 4000)

Printer.Line (350, 4500)-(9300, 4500)

Printer.Line (350, 13280)-(9300, 13280)

Printer.Line (350, 13780)-(9300, 13780)

'Standing lines

Printer.Line (350, 1000)-(350, 13780)

Printer.Line (7400, 4000)-(7400, 13780)

Printer.Line (5900, 4000)-(5900, 13280)

Printer.Line (4600, 4000)-(4600, 13280)

Printer.Line (9300, 1000)-(9300, 13780)

Printer.EndDoc

End Function

4.4 Vendor's Signup page:

```
Private Sub cmdclear_Click()
```

```
Call clear
```

```
End Sub
```

```
Private Sub cmdhome_Click()
```

```
home.Show
```

```
Unload Me
```

```
End Sub
```

```
Private Sub cmdjoin_Click()
```

```
Frame1.Enabled = True
```

```
txtpass = ""
```

```
txtrepass = ""
```

```
txtvid = ""
```

```
txtnum = ""
```

```
txtname = ""
```

```
txtshop = ""
```

```
txtadd = ""
```

```
txtemail = ""
```

```
Label12.Caption = "( Re-Enter )"
```

```
Label12.ForeColor = &H0&
```

```
Dim id As Integer
```

```
Dim id1 As String
```

```
Dim idd As Integer
```

```
Dim idd1 As String
```

```
On Error GoTo errormsg
```

```
Adodc1.Refresh
```

```
Adodc1.Recordset.MoveLast
```

```
id1 = Adodc1.Recordset("VendorID")
```

```
id = Mid(id1, 2, 4) + 1
```

```
'Adodc1.Recordset.AddNew
```

```

txtvid = "V" & id
payment.Adodc1.Refresh
payment.Adodc1.Recordset.MoveLast
idd1 = payment.Adodc1.Recordset("SubscriptionID")
idd = Mid(idd1, 2, 4) + 1
'payment.Adodc1.Recordset.AddNew
txtsid = "S" & id
txtname.SetFocus
Exit Sub
errmsg:
'Adodc1.Recordset.AddNew
'payment.Adodc1.Recordset.AddNew
txtvid = "V1001"
txtsid = "S1001"
txtname.SetFocus
End Sub

```

```

Private Sub cmdsignup_Click()
If (Combo1.Text = "Rs.24000/- Per Year") Then
ta = "24000"
ElseIf (Combo1.Text = "Rs.2000/- Per Month") Then
ta = "2000"
End If
If Not (txtpass = txtrepas) Then
MsgBox "Password are not matching, Please Check again"
ElseIf (txtvid = "" Or txtname = "" Or txtnum = "" Or txtemail = "" Or txtshop = "" Or
txtadd = "" Or txtrepas = "" Or Combo1 = "") Then
MsgBox "Please Fill All the Required Details in the Signup form", vbExclamation
ElseIf DateValue(Format(Now, "dd/MM/yyyy")) < DateValue(DateAdd("yyyy", 18,
DTPicker1)) Then
MsgBox "Please Enter an Valid Date of Birth, Vendor must be 18+."
DTPicker1.SetFocus
Else
Dim id As Integer

```

```
Dim id1 As String
On Error GoTo errmsg
payment.Adodc1.Refresh
payment.Adodc1.Recordset.MoveLast
id1 = payment.Adodc1.Recordset("PaymentID")
id = Mid(id1, 2, 4) + 1
'payment.Adodc1.Recordset.AddNew
payment.Label11.Caption = "P" & id
payment.Label8.Caption = ta
payment.Label6.Caption = txtvid.Text
payment.Label7.Caption = Combo1.Text
payment.Show
Exit Sub
errmsg:
'payment.Adodc1.Recordset.AddNew
payment.Label11.Caption = "P1001"
payment.Label8.Caption = ta
payment.Label6.Caption = txtvid.Text
payment.Label7.Caption = Combo1.Text
payment.Show
End If
End Sub
```

```
Private Sub Image1_Click()
MsgBox "Current Available Plans are:" + vbNewLine + "1. Rs.2000/- per Month And" +
vbNewLine + "2. Rs.24000/- per Year.", vbInformation
End Sub
```

```
Private Sub Label15_Click()
Hide
login.Show
login.txtvid.SetFocus
```

End Sub

```
Private Sub txtemail_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
If txtemail = "" Or Not (isEmail(txtemail.Text) = True) Then
txtemail = ""
MsgBox "Please Enter an Valid Email Address."
txtemail.SetFocus
Else
DTPicker1.SetFocus
End If
End If
End Sub

Private Sub DTPicker1_LostFocus()
If DateValue(Format(Now, "dd/MM/yyyy")) < DateValue(DateAdd("yyyy", 18,
DTPicker1)) Then
MsgBox "Please Enter an Valid Date of Birth, Vendor must be 18+."
DTPicker1.SetFocus
Else
txtshop.SetFocus
End If
End Sub

Private Sub txtname_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
If txtname = "" Then
MsgBox "Feild Name Can't be Empty"
Else
txtnum.SetFocus
End If
End If
End Sub
```

```
Private Sub txtnum_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
```

```
If txtnum = "" Or Not (Len(txtnum) = 10) Then  
    txtnum.Text = ""  
  
    MsgBox "Please Enter 10 Digits Number Only"  
    txtnum.SetFocus  
  
Else  
  
    txtemail.SetFocus  
  
End If  
  
End If  
  
End Sub
```

```
Private Sub txtrepass_Click()  
If (txtpass = "") Then  
    Label12.Caption = "( Re-Enter )"  
    Label12.ForeColor = &H0&  
    txtpass.SetFocus  
  
End If  
  
End Sub  
  
Private Sub txtrepass_Change()  
If (txtpass.Text = txtrepass.Text) Then  
    Label12.Caption = "Matching"  
    Label12.ForeColor = &HC000&  
  
Else  
  
    Label12.Caption = "Not Matching"  
    Label12.ForeColor = &HFF&  
  
End If  
  
End Sub  
  
Private Sub Form_Load()  
Me.Left = Screen.Width / 2 - Me.Width / 2  
Me.Top = (Screen.Height) / 2 - Me.Height / 2  
txtvid.Enabled = False  
txtpass = ""  
txtrepass = ""  
txtvid = ""
```

```
txtsid = ""  
txtnum = ""  
txtname = ""  
txtshop = ""  
txtadd = ""  
txtemail = ""  
  
Label12.Caption = "( Re-Enter )"   
Label12.ForeColor = &H0&  
Frame1.Enabled = False  
  
End Sub  
  
Function clear()  
  
txtpass = ""  
txtrepass = ""  
txtnum = ""  
txtname = ""  
txtshop = ""  
txtadd = ""  
txtemail = ""  
  
Label12.Caption = "( Re-Enter )"   
Label12.ForeColor = &H0&  
Combo1.clear  
  
Combo1.AddItem "Rs.2000/- Per Month"  
Combo1.AddItem "Rs.24000/- Per Month"  
  
End Function  
  
Private Function ValidatePassword(ByVal sPass) As Boolean  
Dim regEx  
  
Set regEx = CreateObject("vbscript.regexp")  
regEx.Pattern = "^.{8,}[^\\d][a-zA-Z][!@#$%^&+=].*$"  
ValidatePassword = regEx.test(sPass)  
Set regEx = Nothing  
  
End Function  
  
Function isEmail(email As String) As Boolean  
Dim At As Integer  
Dim oneDot As Integer
```

```
Dim twoDots As Integer
isEmail = True
At = InStr(1, email, "@", vbTextCompare)
oneDot = InStr(At + 2, email, ".", vbTextCompare)
twoDots = InStr(At + 2, email, "..", vbTextCompare)
If At = 0 Or oneDot = 0 Or Not twoDots = 0 Or Right(email, 1) = "." Then isEmail = False
End Function
```

```
Private Sub txtrepass_KeyPress(KeyAscii As Integer)
```

```
If KeyAscii = 13 Then
```

```
cmdsignup_Click
```

```
End If
```

```
End Sub
```

```
Private Sub txtshop_KeyPress(KeyAscii As Integer)
```

```
If KeyAscii = 13 Then
```

```
If txtshop = "" Then
```

```
MsgBox "Field Shop Name can't be Empty"
```

```
Else
```

```
txtadd.SetFocus
```

```
End If
```

```
End If
```

```
End Sub
```

```
Private Sub txtadd_KeyPress(KeyAscii As Integer)
```

```
If KeyAscii = 13 Then
```

```
If txtadd = "" Then
```

```
MsgBox "Field Address can't be Empty"
```

```
Else
```

```
Combo1.SetFocus
```

```
End If
```

```
End If
```

```
End Sub
```

```
Private Sub combo1_KeyPress(KeyAscii As Integer)
```

```
If KeyAscii = 13 Then
```

```
If Combo1 = "" Then
```

```
MsgBox "Subscription plan field can't be Empty"
```

```
Else
```

```
txtpass.SetFocus
```

```
End If
```

```
End If
```

```
End Sub
```

```
Private Sub txtpass_KeyPress(KeyAscii As Integer)
```

```
If KeyAscii = 13 Then
```

```
If txtpass = "" Or Not (ValidatePassword(txtpass.Text) = True) Then
```

```
txtpass.Text = ""
```

```
MsgBox "Entered Password is Not Valid." + vbNewLine + "Please Make Sure the Entered  
password must Contain the following conditions" + vbNewLine + "Atleast 8 Characters" +  
vbNewLine + "Atleast 1 Number" + vbNewLine + "Atleast 1 Lowercase letter" +  
vbNewLine + "Atleast 1 Uppercase letter" + vbNewLine + "Atleast 1 Special Character",
```

```
vbInformation
```

```
txtpass.SetFocus
```

```
Else
```

```
txtrepass.SetFocus
```

```
End If
```

```
End If
```

```
End Sub
```

4.5 Admin / Vendors Login page:

```
Private Sub Check1_Click()
If (Check1.Value = 1) Then
    Label4.Caption = "Admin :"
    txtvid = "SYSTEM ADMIN"
    txtvid.Enabled = False
Else
    Label4.Caption = "Vendor ID :"
    txtvid = ""
    txtvid.Enabled = True
End If
End Sub
```

```
Private Sub cmdclear_Click()
txtvid = ""
txtpass = ""
Check1.Value = 0
End Sub
```

```
Private Sub cmdhome_Click()
home.Show
login.Hide
cmdclear_Click
End Sub
```

```
Private Sub cmdlogin_Click()
If (txtvid = "" Or txtpass = "") Then
    MsgBox "Fields Can't be Empty"
Else
    If (txtvid = "SYSTEM ADMIN") Then
        If (txtpass = "Admin@01") Then
            MsgBox "Hi SYSTEM ADMIN You are successfully logged in"
```

```
dashboard.vendormenu.Visible = False
dashboard.adminmenu.Visible = True
dashboard.adminmenu.Enabled = True
dashboard.Label1.Visible = False
dashboard.Label2.Visible = False
dashboard.Show
txtpass = ""
login.Hide
Else
MsgBox "Wrong Password"
txtpass = ""
txtpass.SetFocus
End If
ElseIf Not (txtvid = "SYSTEM ADMIN") Then
Dim name As String
Adodc1.Refresh
With Adodc1.Recordset
.MoveFirst
.Find "VendorID=''' & txtvid.Text & '''"
If .EOF = True Then
MsgBox "Sorry the VendorID is not found.. Please signup if you are New Vendor"
txtvid = ""
txtpass = ""
ElseIf (txtpass.Text = Adodc1.Recordset.Fields("Password")) Then
name = Adodc1.Recordset.Fields("OwnerName")
'str1 = Adodc1.Recordset.Fields("SubscriptionExpiresOn")
MsgBox "Hi " & name & " You are successfully logged in"
If DateValue(Format(Now, "dd/MM/yyyy")) >
DateValue(Format(Adodc1.Recordset.Fields("SubscriptionExpiresOn"), "dd/MM/yyyy"))
Then
' MsgBox (Format(Now, "dd/MM/yyyy")) &
(Format(Adodc1.Recordset.Fields("SubscriptionExpiresOn"), "dd/MM/yyyy"))
Adodc1.Recordset.Fields("Status") = "InActive"
Adodc1.Recordset.Update
```

```
dashboard.manageitemsmenu.Enabled = False
dashboard.manageordersmenu.Enabled = False
dashboard.Label1.ForeColor = &HFF&
dashboard.Label1.Caption = "Subscription Has Been Expired ,Your Account As Been
InActive."
dashboard.Label2.Caption = "Please Goto Profile page and Renew the Subscription."
ElseIf Adodc1.Recordset.Fields("Status") = "Suspended" Then
dashboard.manageitemsmenu.Enabled = False
dashboard.manageordersmenu.Enabled = False
dashboard.Label1.ForeColor = &HFF&
dashboard.Label1.Caption = "Your Account As Been Suspended."
dashboard.Label2.Caption = "Please Goto Contact page and Contact admin through email
for enquiry."
Else
Adodc1.Recordset.Fields("Status") = "Active"
Adodc1.Recordset.Update
dashboard.Label2.Visible = False
End If
dashboard.adminmenu.Visible = False
dashboard.vendormenu.Enabled = True
dashboard.Show
txtpass = ""
login.Hide
Else
MsgBox "Wrong Password"
txtpass = ""
txtpass.SetFocus
End If
End With
End If
End If
End Sub
```

Private Sub Form_Load()

```
txtpass = ""  
txtvid = ""  
Me.Left = Screen.Width / 2 - Me.Width / 2  
Me.Top = (Screen.Height) / 2 - Me.Height / 2  
End Sub
```

```
Private Sub Label15_Click()  
login.Hide  
vendorsignup.Show  
End Sub
```

```
Private Sub Label3_Click()  
Dim vid As String  
Dim num As String  
Dim test As String  
Dim test1 As String  
Dim test2 As String  
Dim newpass As String  
Adodc1.Refresh  
vid = InputBox("") + vbNewLine + vbNewLine + "Enter your Vendor ID", "FORGET  
PASSWORD")  
With Adodc1.Recordset  
.MoveFirst  
.Find "VendorID=" & vid & """  
If .EOF = True Then  
MsgBox "" + vbNewLine + vbNewLine + "VendorID doesn't Exist, Please check your  
correct VendorID", , "FORGET PASSWORD"  
Else  
test = Adodc1.Recordset("OwnerNumber")  
test1 = Mid(test, 8)  
test2 = "*****" & test1  
num = InputBox("") + vbNewLine + vbNewLine + "Enter your Full number " & test2 & "",  
"FORGET PASSWORD")  
If (num = Adodc1.Recordset.Fields("OwnerNumber")) Then
```

```
newpass = InputBox("") + vbNewLine + vbNewLine + "Enter your New Password",
"FORGET PASSWORD")
If Not (newpass = "") And ValidatePassword(newpass) = True Then
Adodc1.Recordset.Fields("Password") = newpass
Adodc1.Recordset.Update
MsgBox "" + vbNewLine + vbNewLine + "Your Password has been changed , please note
your password " & newpass, , "FORGET PASSWORD"
Else
MsgBox "" + vbNewLine + vbNewLine + " Invalid Password, Please Enter a Valid
password", , "FORGET PASSWORD"
End If
Else
MsgBox "" + vbNewLine + vbNewLine + "Entered Owner Number is not Matching", ,
"FORGET PASSWORD"
End If
End If
End With
End Sub
```

```
Private Sub txtpass_Click()
If (txtvid = "") Then
txtvid.SetFocus
End If
End Sub
```

```
Private Sub txtvid_KeyPress(KeyAscii As Integer)
```

```
If KeyAscii = 13 Then
```

```
txtpass.SetFocus
```

```
End If
```

```
End Sub
```

```
Private Sub txtpass_KeyPress(KeyAscii As Integer)
```

```
If KeyAscii = 13 Then
```

```
cmdlogin_Click
```

```
End If
```

```
End Sub  
Private Function ValidatePassword(ByVal sPass) As Boolean  
Dim regEx  
Set regEx = CreateObject("vbscript.regexp")  
regEx.Pattern = "^.{8,}([0-9a-zA-Z!@#$%^&+=]).*$"  
ValidatePassword = regEx.test(sPass)  
Set regEx = Nothing  
End Function
```

4.6 Admin / Vendor dashboard page:

```
Private Sub exitmenu_Click()  
MsgBox "Thank you for Your Session , " + vbNewLine + "Happy to see you again",  
vbInformation  
Unload Me  
login.Show  
End Sub
```

```
Private Sub feedback_Click()  
feedbacks.Show , dashboard  
End Sub
```

```
Private Sub Form_Load()  
Image1.Top = Frame1.Height  
Image1.Left = 0  
Image1.Width = Screen.Width  
Image1.Height = Screen.Height - 1200 - Frame1.Height  
Label1.Left = Screen.Width / 2 - Label1.Width / 2  
Label2.Left = Screen.Width / 2 - Label2.Width / 2  
End Sub
```

```
Private Sub manageitemsmenu_Click()  
manageitems.ItemsDetails.Refresh  
manageitems.Show , dashboard
```

```
manageitems.cmdadd.SetFocus
```

```
End Sub
```

```
Private Sub manageordersmenu_Click()
```

```
manageorders.Adodc1.Refresh
```

```
manageorders.Show , dashboard
```

```
End Sub
```

```
Private Sub managevendorsmenu_Click()
```

```
managevendors.Adodc1.Refresh
```

```
managevendors.Show , dashboard
```

```
End Sub
```

```
Private Sub mnucontact_Click()
```

```
contact.Label1.Caption = "Hello , " & profile.Adodc1.Recordset.Fields("Ownername")
```

```
contact.Label2.Caption = "Happy to see you here , " + vbNewLine + "If you have any issues
```

```
/ Account Suspension You can feel free to contact us and enquiry."
```

```
contact.Label3.Caption = "Admin@gamil.com"
```

```
contact.Label4.Caption = "You can contact us throught email for this below Email Address"
```

```
contact.Show , dashboard
```

```
End Sub
```

```
Private Sub mnuprofile_Click()
```

```
profile.Adodc1.Refresh
```

```
profile.Show , dashboard
```

```
End Sub
```

```
Private Sub subscriptionhistorymenu_Click()
```

```
subscriptionhistory.Adodc1.Refresh
```

```
subscriptionhistory.Show , dashboard
```

```
End Sub
```

```
Private Sub viewbillsmenu_Click()
```

```
bills.Adodc1.Refresh
```

bills.Show , dashboard

End Sub

4.7 Admin's Manage Vendors page:

```
Private Sub cmdactivate_Click()
Adodc1.Recordset.Fields("Status") = "Active"
Adodc1.Recordset.Update
MsgBox Adodc1.Recordset.Fields("VendorID") + " (" +
Adodc1.Recordset.Fields("OwnerName") + " ) has been Re-Activated", vbInformation, "Re-
Activate"
End Sub
```

```
Private Sub cmdsearch_Click()
a = InputBox(vbNewLine + vbNewLine + "Enter Vendor ID", "SEARCH VENDOR")
On Error GoTo errormsg
With Adodc1.Recordset
.MoveFirst
.Find "VendorID=" & a & ""
txtvid = Adodc1.Recordset.Fields("VendorID")
txtname = Adodc1.Recordset.Fields("OwnerName")
txtshop = Adodc1.Recordset.Fields("OwnerEmail")
txtnum = Adodc1.Recordset.Fields("OwnerNumber")
txtcert = Adodc1.Recordset.Fields("SubscriptionCreated")
txtexp = Adodc1.Recordset.Fields("SubscriptionExpiresOn")
txtemail = Adodc1.Recordset.Fields("OwnerEmail")
txtplan = Adodc1.Recordset.Fields("SubscriptionPlan")
If .EOF Then
MsgBox vbNewLine + "Enter Vendor ID is not found", vbCritical, "SEARCH VENDOR"
End If
End With
Exit Sub
errormsg:
MsgBox vbNewLine + "Enter Vendor ID is not found", vbCritical, "SEARCH VENDOR"
```

End Sub

```
Private Sub cmdsuspend_Click()
Adodc1.Recordset.Fields("Status") = "Suspended"
Adodc1.Recordset.Update
MsgBox Adodc1.Recordset.Fields("VendorID") + " (" +
Adodc1.Recordset.Fields("OwnerName") + " ) has been Suspended", vbInformation,
"SUSPEND"
```

End Sub

```
Private Sub DataGrid1_Click()
txtvid = Adodc1.Recordset.Fields("VendorID")
txtname = Adodc1.Recordset.Fields("OwnerName")
txtshop = Adodc1.Recordset.Fields("OwnerEmail")
txtnum = Adodc1.Recordset.Fields("OwnerNumber")
txtcrt = Adodc1.Recordset.Fields("SubscriptionCreated")
txtexp = Adodc1.Recordset.Fields("SubscriptionExpiresOn")
txtemail = Adodc1.Recordset.Fields("OwnerEmail")
txtplan = Adodc1.Recordset.Fields("SubscriptionPlan")
End Sub
```

```
Private Sub Form_Load()
txtvid = ""
txtname = ""
txtnum = ""
txtshop = ""
txtemail = ""
txtcrt = ""
txtexp = ""
txtplan = ""

Me.Top = dashboard.Frame1.Height + 1000
Me.Left = 200
Me.Width = Screen.Width - 400
Me.Height = Screen.Height - 2000 - dashboard.Frame1.Height
```

```

Label1.Top = 200
Label1.Left = 800
Label1.Height = 600
Label1.Width = managevendors.Width - 1600
Frame1.Left = Me.Width / 2 - Frame1.Width / 2
End Sub

```

4.8 Admin's Subscription report page:

```

Private Sub Form_Load()
Adodc1.RecordSource = "select
OrderID,BillID,CustomerName,CustomerNumber,OrderTime,OrderStatus,PaymentMethod,
TotalAmount from OrderDetails where VendorID=''' & login.txtvid & '''"
Adodc1.Refresh
Me.Top = dashboard.Frame1.Height + 1000
Me.Left = 200
Me.Width = Screen.Width - 400
Me.Height = Screen.Height - 2000 - dashboard.Frame1.Height
Label1.Top = 200
Label1.Left = 800
Label1.Height = 600
Label1.Width = managevendors.Width - 1600
Frame1.Left = Me.Width / 2 - Frame1.Width / 2
End Sub

```

4.9 Vendor's Manage Items page:

```

Private Sub cmdadd_Click()
ItemsDetails.RecordSource = "Select * from ItemsDetails"
Dim id As String
Dim id1 As String
On Error GoTo errormsg
ItemsDetails.Refresh
ItemsDetails.Recordset.MoveLast

```

```
id1 = ItemsDetails.Recordset("ItemID")
```

```
id = Mid(id1, 2, 4) + 1
```

```
ItemsDetails.Recordset.AddNew
```

```
txtitemid = "I" & id
```

```
txtname = ""
```

```
txtprice = ""
```

```
Exit Sub
```

```
errmsg:
```

```
ItemsDetails.Recordset.AddNew
```

```
txtitemid = "I1001"
```

```
txtname = ""
```

```
txtprice = ""
```

```
End Sub
```

```
Private Sub cmdclear_Click()
```

```
Call clear
```

```
End Sub
```

```
Private Sub cmddelete_Click()
```

```
On Error GoTo errmsg
```

```
Dim id1 As String
```

```
ItemsDetails.RecordSource = "select * from ItemsDetails where VendorID="" & login.txtvid  
& """
```

```
ItemsDetails.Refresh
```

```
id1 = InputBox(vbNewLine + vbNewLine + "Enter the Itemid to be deleted", "DELETE  
ITEM")
```

```
ItemsDetails.Recordset.MoveFirst
```

```
ItemsDetails.Recordset.Find "ItemID="" & id1 & """
```

```
If ItemsDetails.Recordset.EOF Then
```

```
MsgBox vbNewLine + " ItemID doesn't Exist, Please check your correct ItemID",  
vbCritical, "DELETE ITEM"
```

```
Else
```

```
Dim wish As String
```

```
wish = MsgBox("do you really want to delete(y/n) ?", vbYesNoCancel + vbInformation,
"DELETE ITEM")

If wish = 6 Then
    ItemsDetails.Recordset.Delete
    MsgBox "Item deleted successfully", vbInformation, "DELETE ITEM"
    Call clear
Else
End If
End If
Call data
errmsg:
MsgBox Err.Description
End Sub
```

```
Private Sub cmdmodify_Click()
    Dim id As String
    id = InputBox(vbNewLine + vbNewLine + "Please Enter Item ID", "MODIFY ITEM")
    ItemsDetails.RecordSource = "select * from ItemsDetails where VendorID='' & login.txtvid
    & '"
    ItemsDetails.Refresh
    With ItemsDetails.Recordset
        .MoveFirst
        .Find "ItemID='' & id & ''"
        If .EOF = True Then
            MsgBox vbNewLine + " ItemID doesn't Exist, Please check your correct ItemID",
            vbCritical, "MODIFY ITEM"
        Else
            txtitemid = ItemsDetails.Recordset("ItemID")
            txtname = ItemsDetails.Recordset("ItemName")
            txtprice = ItemsDetails.Recordset("ItemPrice")
            'Combo1.Style 0
            Combo1 = ItemsDetails.Recordset("MenuCategory")
            'Combo1.Style 2
        End If
    End With
End Sub
```

End With

End Sub

Private Sub cmdsave_Click()

If txtitemid = "" Or txtname = "" Or txtprice = "" Or Combo1 = "" Then

MsgBox "Fields Can't Be Empty, Please fill all the details"

Else

ItemsDetails.Recordset.Fields("ItemID") = txtitemid

ItemsDetails.Recordset.Fields("ItemName") = txtname

ItemsDetails.Recordset.Fields("MenuCategory") = Combo1.Text

ItemsDetails.Recordset.Fields("ItemPrice") = txtprice

ItemsDetails.Recordset.Fields("VendorID") = login.txtvid

ItemsDetails.Recordset.Update

MsgBox "Item " & txtname & " Details Saved Successfully"

End If

Call data

Call clear

End Sub

Private Sub Combo1_DropDown()

If txtitemid = "" Then

MsgBox "Please click on ADD Button"

cmdadd.SetFocus

Else

End If

End Sub

Private Sub Form_Load()

Call clear

Call data

Me.Top = dashboard.Frame1.Height + 1000

Me.Left = 200

Me.Width = Screen.Width - 400

```
Me.Height = Screen.Height - 2000 - dashboard.Frame1.Height
Label1.Top = 200
Label1.Left = 800
Label1.Height = 600
Label1.Width = managevendors.Width - 1600
Frame1.Left = Me.Width / 2 - Frame1.Width / 2
End Sub

Function data()
Burger.ListItems.clear
Rice.ListItems.clear
Snacks.ListItems.clear
Starters.ListItems.clear
rolls.ListItems.clear
icecream.ListItems.clear
Dim lv As ListItem
ItemsDetails.RecordSource = "select * from ItemsDetails where VendorID=''" & login.txtvid
& "" and MenuCategory='Burger'"
ItemsDetails.Refresh
If (ItemsDetails.Recordset.BOF = False) Then
ItemsDetails.Recordset.MoveFirst
For i = 1 To ItemsDetails.Recordset.RecordCount
Set lv = Burger.ListItems.Add(, , CStr(ItemsDetails.Recordset.Fields("ItemID")))
lv.SubItems(1) = CStr(ItemsDetails.Recordset.Fields("ItemName"))
lv.SubItems(2) = CStr(ItemsDetails.Recordset.Fields("ItemPrice"))
ItemsDetails.Recordset.MoveNext
Next
End If
ItemsDetails.RecordSource = "select * from ItemsDetails where VendorID=''" & login.txtvid
& "" and MenuCategory='Rice'"
ItemsDetails.Refresh
If (ItemsDetails.Recordset.BOF = False) Then
ItemsDetails.Recordset.MoveFirst
For i = 1 To ItemsDetails.Recordset.RecordCount
Set lv = Rice.ListItems.Add(, , CStr(ItemsDetails.Recordset.Fields("ItemID")))
```

```
lv.SubItems(1) = CStr(ItemsDetails.Recordset.Fields("ItemName"))
lv.SubItems(2) = CStr(ItemsDetails.Recordset.Fields("ItemPrice"))
ItemsDetails.Recordset.MoveNext
Next
End If
ItemsDetails.RecordSource = "select * from ItemsDetails where VendorID="" & login.txtvid
& "" and MenuCategory='Snacks'"
ItemsDetails.Refresh
If (ItemsDetails.Recordset.BOF = False) Then
ItemsDetails.Recordset.MoveFirst
For i = 1 To ItemsDetails.Recordset.RecordCount
Set lv = Snacks.ListItems.Add(, , CStr(ItemsDetails.Recordset.Fields("ItemID")))
lv.SubItems(1) = CStr(ItemsDetails.Recordset.Fields("ItemName"))
lv.SubItems(2) = CStr(ItemsDetails.Recordset.Fields("ItemPrice"))
ItemsDetails.Recordset.MoveNext
Next
End If
ItemsDetails.RecordSource = "select * from ItemsDetails where VendorID="" & login.txtvid
& "" and MenuCategory='Starters'"
ItemsDetails.Refresh
If (ItemsDetails.Recordset.BOF = False) Then
ItemsDetails.Recordset.MoveFirst
For i = 1 To ItemsDetails.Recordset.RecordCount
Set lv = Starters.ListItems.Add(, , CStr(ItemsDetails.Recordset.Fields("ItemID")))
lv.SubItems(1) = CStr(ItemsDetails.Recordset.Fields("ItemName"))
lv.SubItems(2) = CStr(ItemsDetails.Recordset.Fields("ItemPrice"))
ItemsDetails.Recordset.MoveNext
Next
End If
ItemsDetails.RecordSource = "select * from ItemsDetails where VendorID="" & login.txtvid
& "" and MenuCategory='Rolls'"
ItemsDetails.Refresh
If (ItemsDetails.Recordset.BOF = False) Then
ItemsDetails.Recordset.MoveFirst
```

```
For i = 1 To ItemsDetails.Recordset.RecordCount
Set lv = rolls.ListItems.Add(, , CStr(ItemsDetails.Recordset.Fields("ItemID")))
lv.SubItems(1) = CStr(ItemsDetails.Recordset.Fields("ItemName"))
lv.SubItems(2) = CStr(ItemsDetails.Recordset.Fields("ItemPrice"))
ItemsDetails.Recordset.MoveNext
Next
End If
ItemsDetails.RecordSource = "select * from ItemsDetails where VendorID="" & login.txtvid
& "" and MenuCategory='Icecream'"
ItemsDetails.Refresh
If (ItemsDetails.Recordset.BOF = False) Then
ItemsDetails.Recordset.MoveFirst
For i = 1 To ItemsDetails.Recordset.RecordCount
Set lv = icecream.ListItems.Add(, , CStr(ItemsDetails.Recordset.Fields("ItemID")))
lv.SubItems(1) = CStr(ItemsDetails.Recordset.Fields("ItemName"))
lv.SubItems(2) = CStr(ItemsDetails.Recordset.Fields("ItemPrice"))
ItemsDetails.Recordset.MoveNext
Next
End If
End Function
Function clear()
txtitemid = ""
txtname = ""
txtprice = ""
Combo1.clear
Combo1.AddItem "Rice"
Combo1.AddItem "Burger"
Combo1.AddItem "Snacks"
Combo1.AddItem "Starters"
Combo1.AddItem "Rolls"
Combo1.AddItem "Icecream"
End Function
```

```
Private Sub txtname_Click()
```

```

If txtitemid = "" Then
    MsgBox "Please click on ADD Button"
    cmdadd.SetFocus
Else
End If
End Sub

Private Sub txtprice_Click()
If txtitemid = "" Then
    MsgBox "Please click on ADD Button"
    cmdadd.SetFocus
Else
End If
End Sub

```

4.10 Vendor's Manage Orders page:

```

Private Sub cmdcomplete_Click()
Dim sk As String
With Adodc2.Recordset
    .MoveFirst
    .Find "OrderID=" & Adodc1.Recordset.Fields("OrderID") & ""
    'MsgBox .Fields("Secretkey")
    sk = InputBox("Enter Order Key to Complete the Order")
    If .EOF Then
        MsgBox "Entered OrderID is Not valid."
    ElseIf sk = Adodc2.Recordset.Fields("Secretkey") Then
        Adodc1.Recordset.Fields("OrderStatus") = "Completed"
        Adodc1.Recordset.Fields("OrderStatusTime") = Time
        Adodc1.Recordset.Update
        MsgBox "Order ID: " & Adodc1.Recordset.Fields("OrderID") & vbCrLf + "Has been
Updated to Complete Status."
        MsgBox "Feedback link has been sent to customer's number."
    Else
        MsgBox "Invalid OrderKey, Please Check Your OrderKey"
    End If
End Sub

```

```
End If  
End With  
Adodc1.Refresh  
Call ref  
End Sub
```

```
Private Sub cmdfilter_Click()  
With Adodc2.Recordset  
.MoveFirst  
.Find "OrderID="" & Adodc1.Recordset.Fields("OrderID") & """  
MsgBox .Fields("OrderItems")  
End With  
End Sub
```

```
Private Sub cmdready_Click()  
Adodc1.Recordset.Fields("OrderStatus") = "Ready"  
Adodc1.Recordset.Fields("OrderStatusTime") = Time  
Adodc1.Recordset.Update  
MsgBox "Order ID: " & Adodc1.Recordset.Fields("OrderID") & vbCrLf + "Has been  
Updated to Ready Status."  
Adodc1.Refresh  
Call ref  
End Sub
```

```
Private Sub cmdrefresh_Click()  
Call ref  
End Sub
```

```
Private Sub DataGrid1_Click()  
If Adodc1.Recordset.Fields("OrderStatus") = "Pending" Then  
cmdready.Enabled = True  
cmdcomplete.Enabled = False  
'cmdcancel.Enabled = True  
ElseIf Adodc1.Recordset.Fields("OrderStatus") = "Ready" Then
```

```
cmdready.Enabled = False  
cmdcomplete.Enabled = True  
'cmdcancel.Enabled = False  
ElseIf Adodc1.Recordset.Fields("OrderStatus") = "Completed" Then  
cmdready.Enabled = False  
cmdcomplete.Enabled = False  
'cmdcancel.Enabled = False  
End If  
End Sub
```

```
Private Sub Form_Load()  
Me.Top = dashboard.Frame1.Height + 1000  
Me.Left = 200  
Me.Width = Screen.Width - 400  
Me.Height = Screen.Height - 2000 - dashboard.Frame1.Height  
Label1.Top = 200  
Label1.Left = 800  
Label1.Height = 600  
Label1.Width = managevendors.Width - 1600  
Frame1.Left = Me.Width / 2 - Frame1.Width / 2  
Adodc1.RecordSource = "select  
OrderID,BillID,CustomerName,CustomerNumber,OrderTime,TotalAmount,PaymentMetho  
d,OrderStatus,OrderStatusTime from OrderDetails where VendorID=''' & login.txtvid & '''  
Adodc1.Refresh  
Adodc2.RecordSource = "select * from OrderDetails"  
Adodc2.Refresh  
End Sub  
Function ref()  
Adodc1.RecordSource = "select  
OrderID,BillID,CustomerName,CustomerNumber,OrderTime,TotalAmount,PaymentMetho  
d,OrderStatus,OrderStatusTime from OrderDetails where VendorID=''' & login.txtvid & '''  
Adodc1.Refresh  
End Function
```

4.11 Vendor's Profile page:

```
Private Sub cmdbuy_Click()
If Combo1.Text = "" Then
    MsgBox "Please Select Subscription Plan."
    Combo1.SetFocus
Else
    Dim ta As String
    If (Combo1.Text = "Rs.24000/- Per Year") Then
        ta = "24000"
    ElseIf (Combo1.Text = "Rs.2000/- Per Month") Then
        ta = "2000"
    End If
    Dim id As Integer
    Dim id1 As String
    renewal.Adodc1.Refresh
    renewal.Adodc1.Recordset.MoveLast
    id1 = renewal.Adodc1.Recordset("PaymentID")
    id = Mid(id1, 2, 4) + 1
    'renewal.Adodc1.Recordset.AddNew
    renewal.Label11.Caption = "P" & id
    renewal.Label8.Caption = ta
    renewal.Label6.Caption = login.txtvid
    renewal.Label7.Caption = Combo1.Text
    renewal.Show
End If
End Sub
```

```
Private Sub cmdedit_Click()
    txtname.Enabled = True
    txtnum.Enabled = True
    txtemail.Enabled = True
    txtshop.Enabled = True
```

```
txtpass.Enabled = True  
txtadd.Enabled = True  
End Sub
```

```
Private Sub cmdupdate_Click()  
Adodc1.RecordSource = "Select * from VendorSignup;"  
Adodc1.Refresh  
If txtname = "" Or txtnum = "" Or txtemail = "" Or txtshop = "" Or txtpass = "" Or txtadd = "" Then  
MsgBox "Fields Can't Be Empty"  
Else  
Adodc1.Recordset.Find "VendorID="" & login.txtvid & """  
Adodc1.Recordset.Fields("OwnerName") = txtname.Text  
Adodc1.Recordset.Fields("OwnerNumber") = txtnum.Text  
Adodc1.Recordset.Fields("OwnerEmail") = txtemail.Text  
Adodc1.Recordset.Fields("FoodShopName") = txtshop.Text  
Adodc1.Recordset.Fields("Password") = txtpass.Text  
Adodc1.Recordset.Fields("FoodShopAddress") = txtadd.Text  
Adodc1.Recordset.Update  
Call data  
MsgBox "Your Details Has Been Updated."  
txtname.Enabled = False  
txtnum.Enabled = False  
txtemail.Enabled = False  
txtshop.Enabled = False  
txtpass.Enabled = False  
txtadd.Enabled = False  
End If  
End Sub  
Private Sub txtemail_LostFocus()  
If isEmail(txtemail.Text) = True Then  
Else  
txtemail = ""  
MsgBox "Please Enter an Valid Email Address."
```

```
txtemail.SetFocus
```

```
End If
```

```
End Sub
```

```
Private Sub txtnum_LostFocus()
```

```
If Len(txtnum) = 10 Then
```

```
Else
```

```
txtnum.Text = ""
```

```
MsgBox "Please Enter 10 Digits Number Only"
```

```
txtnum.SetFocus
```

```
End If
```

```
End Sub
```

```
Private Sub txtpass_LostFocus()
```

```
If ValidatePassword(txtpass.Text) = True Then
```

```
Else
```

```
txtpass.Text = ""
```

```
MsgBox "Entered Password is Not Valid." + vbNewLine + "Please Make Sure the Entered  
password must Contain the following conditions" + vbNewLine + "Atleast 8 Characters" +  
vbNewLine + "Atleast 1 Number" + vbNewLine + "Atleast 1 Lowercase letter" +  
vbNewLine + "Atleast 1 Uppercase letter" + vbNewLine + "Atleast 1 Special Character",  
vbInformation
```

```
txtpass.SetFocus
```

```
End If
```

```
End Sub
```

```
Private Sub Form_Load()
```

```
Me.Left = Screen.Width / 2 - Me.Width / 2
```

```
Me.Top = (Screen.Height) / 2 - Me.Height / 2
```

```
Call data
```

```
If DateValue(Format(Now, "dd/MM/yyyy")) >
```

```
DateValue(Format(Adodc1.Recordset.Fields("SubscriptionExpiresOn"), "dd/MM/yyyy"))
```

```
Then
```

```
cmdbuy.Enabled = True
```

```
Combo1.Enabled = True
Label1.Caption = "Please Renew Your Subscription."
Label2.Visible = False
'Frame1.Visible=True
Else
    Label2.Caption = "Expires on " & Adodc1.Recordset.Fields("SubscriptionExpiresOn")
    cmdbuy.Enabled = False
    Combo1.Enabled = False
    'Frame1.Visible = False
End If
If Adodc1.Recordset.Fields("Status") = "Suspended" Then
    Label1.ForeColor = &HFF&
    Label1.Caption = "Your Account Has Been Suspended."
    Label2.Visible = False
End If
txtname.Enabled = False
txtnum.Enabled = False
txtemail.Enabled = False
txtshop.Enabled = False
txtpass.Enabled = False
txtadd.Enabled = False
Combo1.clear
Combo1.AddItem "Rs.2000/- Per Month"
Combo1.AddItem "Rs.24000/- Per Year"
End Sub
Function data()
Adodc1.RecordSource = "Select * from VendorSignup;"
Adodc1.Refresh
Adodc1.Recordset.Find "VendorID=''' & login.txtvid & '''"
txtname.Text = Adodc1.Recordset.Fields("OwnerName")
txtnum.Text = Adodc1.Recordset.Fields("OwnerNumber")
txtemail.Text = Adodc1.Recordset.Fields("OwnerEmail")
txtshop.Text = Adodc1.Recordset.Fields("FoodShopName")
txtpass.Text = Adodc1.Recordset.Fields("Password")
```

```

txtadd.Text = Adodc1.Recordset.Fields("FoodShopAddress")
End Function

Private Function ValidatePassword(ByVal sPass) As Boolean
Dim regEx
Set regEx = CreateObject("vbscript.regexp")
regEx.Pattern = "^.*(?=.{8,})(?=.*\d)(?=.*[a-z])(?=.*[A-Z])(?=.*[!@#$%^&+=]).*$"
ValidatePassword = regEx.test(sPass)
Set regEx = Nothing
End Function

Function isEmail(email As String) As Boolean
Dim At As Integer
Dim oneDot As Integer
Dim twoDots As Integer
isEmail = True
At = InStr(1, email, "@", vbTextCompare)
oneDot = InStr(At + 2, email, ".", vbTextCompare)
twoDots = InStr(At + 2, email, "..", vbTextCompare)
If At = 0 Or oneDot = 0 Or Not twoDots = 0 Or Right(email, 1) = "." Then isEmail = False
End Function

```

4.12 Vendor's View bills page:

```

Private Sub Form_Load()
Me.Top = dashboard.Frame1.Height + 1000
Me.Left = 200
Me.Width = Screen.Width - 400
Me.Height = Screen.Height - 2000 - dashboard.Frame1.Height
Label1.Top = 200
Label1.Left = 800
Label1.Height = 600
Label1.Width = managevendors.Width - 1600
Frame1.Left = Me.Width / 2 - Frame1.Width / 2
End Sub

```

4.13 Vendor's Payment page:

Dim ta As String

```
Private Sub cmdcancel_Click()
```

```
Unload Me
```

```
End Sub
```

```
Private Sub cmdpay_Click()
```

```
If Option1.Value = False And Option2.Value = False And Option3.Value = False And  
Option4.Value = False Then
```

```
MsgBox "Please select the Payment Method."
```

```
Else
```

```
Dim expr As String
```

```
Dim otp As String
```

```
If (vendorsignup.Combo1 = "Rs.2000/- Per Month") Then
```

```
expr = DateAdd("m", 1, Format(Now, "dd/MM/yyyy"))
```

```
Else
```

```
expr = DateAdd("yyyy", 1, Format(Now, "dd/MM/yyyy"))
```

```
End If
```

```
Dim pm As String
```

```
If Option1.Value = True Then
```

```
pm = "Google Pay"
```

```
ElseIf Option2.Value = True Then
```

```
pm = "Phonepe"
```

```
ElseIf Option3.Value = True Then
```

```
pm = "Net Banking"
```

```
ElseIf Option4.Value = True Then
```

```
pm = "Paytm"
```

```
End If
```

```
otp = InputBox(pm + " as sent OTP to your number: " & vendorsignup.txtnum & " Please
```

```
Enter the OTP Below To Complete the Transaction.", "Complete the Transaction", "
```

```
HINT:Type OTP as 123456")
```

```
If Not (otp = "123456") Then
    MsgBox "Entered otp Is invalid"
Else
    vendorsignup.Adodc1.Recordset.AddNew
    vendorsignup.Adodc1.Recordset.Fields("VendorID") = vendorsignup.txtvid
    vendorsignup.Adodc1.Recordset.Fields("OwnerName") = vendorsignup.txtname
    vendorsignup.Adodc1.Recordset.Fields("OwnerNumber") = vendorsignup.txtnum
    vendorsignup.Adodc1.Recordset.Fields("OwnerEmail") = vendorsignup.txtemail
    vendorsignup.Adodc1.Recordset.Fields("FoodShopName") = vendorsignup.txtshop
    vendorsignup.Adodc1.Recordset.Fields("FoodShopAddress") = vendorsignup.txtadd
    vendorsignup.Adodc1.Recordset.Fields("OwnerDOB") = vendorsignup.DTPicker1
    vendorsignup.Adodc1.Recordset.Fields("SubscriptionPlan") = vendorsignup.Combo1.Text
    vendorsignup.Adodc1.Recordset.Fields("Password") = vendorsignup.txtrepas
    vendorsignup.Adodc1.Recordset.Fields("SubscriptionCreated") = Format(Now,
    "dd/MM/yyyy")
    vendorsignup.Adodc1.Recordset.Fields("SubscriptionExpiresOn") = expr
    vendorsignup.Adodc1.Recordset.Fields("Status") = "Active"
    vendorsignup.Adodc1.Recordset.Update
    payment.Adodc1.Recordset.AddNew
    payment.Adodc1.Recordset.Fields("VendorID") = vendorsignup.txtvid
    payment.Adodc1.Recordset.Fields("PaymentID") = payment.Label11.Caption
    payment.Adodc1.Recordset.Fields("PaymentMethod") = pm
    payment.Adodc1.Recordset.Fields("SubscriptionExpiresOn") = expr
    payment.Adodc1.Recordset.Fields("SubscriptionID") = vendorsignup.txtsid.Text
    payment.Adodc1.Recordset.Fields("SubscriptionPlan") = vendorsignup.Combo1.Text
    payment.Adodc1.Recordset.Fields("TotalAmount") = payment.Label8.Caption
    payment.Adodc1.Recordset.Fields("DateTime") = payment.Label9.Caption + " " +
    payment.Label4.Caption
    payment.Adodc1.Recordset.Update
    MsgBox "Completing your Transaction and Activating Your Account. please wait"
    MsgBox "Your Account as been Activated. Now you can login your account"
    Unload payment
    Unload vendorsignup
    login.Show
```

```
End If
```

```
End If
```

```
End Sub
```

```
Private Sub Form_Load()
```

```
Me.Left = Screen.Width / 2 - Me.Width / 2
```

```
Me.Top = (Screen.Height) / 2 - Me.Height / 2
```

```
Label4.Caption = Format(Time, "HH:mm:ss AM/PM")
```

```
Label9.Caption = Date
```

```
End Sub
```

```
Private Sub Timer1_Timer()
```

```
Label4.Caption = Format(Time, "HH:mm:ss AM/PM")
```

```
Label9.Caption = Date
```

```
End Sub
```

4.14 Vendor's Subscription Renewal page:

```
Dim ta As String
```

```
Private Sub cmdcancel_Click()
```

```
renewal.Hide
```

```
End Sub
```

```
Private Sub cmdpay_Click()
```

```
Dim id As Integer
```

```
Dim id1 As String
```

```
renewal.Adodc1.Refresh
```

```
renewal.Adodc1.Recordset.MoveLast
```

```
id1 = renewal.Adodc1.Recordset("SubscriptionID")
```

```
id = Mid(id1, 2, 4) + 1
```

```
If Option1.Value = False And Option2.Value = False And Option3.Value = False And
```

```
Option4.Value = False Then
```

```
MsgBox "Please select the Payment Method."
```

```
Else
```

```
Dim expr As String
Dim otp As String
If (profile.Combo1 = "Rs.2000/- Per Month") Then
expr = DateAdd("m", 1, Format(Now, "dd/MM/yyyy"))
Else
expr = DateAdd("yyyy", 1, Format(Now, "dd/MM/yyyy"))
End If
Dim pm As String
If Option1.Value = True Then
pm = "Google Pay"
ElseIf Option2.Value = True Then
pm = "Phonepe"
ElseIf Option3.Value = True Then
pm = "Net Banking"
ElseIf Option4.Value = True Then
pm = "Paytm"
End If
otp = InputBox(pm + " as sent OTP to your number: " &
profile.Adodc1.Recordset.Fields("OwnerNumber") & " Please Enter the OTP Below To
Complete the Transaction.", "Complete the Transaction", " HINT:Type OTP as 123456")
If Not (otp = "123456") Then
MsgBox "Entered otp Is invalid"
Else
profile.Adodc1.Recordset.Fields("SubscriptionPlan") = profile.Combo1.Text
profile.Adodc1.Recordset.Fields("SubscriptionCreated") = Format(Now, "dd/MM/yyyy")
profile.Adodc1.Recordset.Fields("SubscriptionExpiresOn") = expr
profile.Adodc1.Recordset.Fields("Status") = "Active"
profile.Adodc1.Recordset.Update
renewal.Adodc1.Refresh
renewal.Adodc1.Recordset.MoveLast
renewal.Adodc1.Recordset.AddNew
renewal.Adodc1.Recordset.Fields("VendorID") = login.txtvid
renewal.Adodc1.Recordset.Fields("PaymentID") = renewal.Label11.Caption
renewal.Adodc1.Recordset.Fields("PaymentMethod") = pm
```

```
renewal.Adodc1.Recordset.Fields("SubscriptionExpiresOn") = expr  
renewal.Adodc1.Recordset.Fields("SubscriptionID") = "S" & id  
renewal.Adodc1.Recordset.Fields("SubscriptionPlan") = profile.Combo1.Text  
renewal.Adodc1.Recordset.Fields("TotalAmount") = renewal.Label8.Caption  
renewal.Adodc1.Recordset.Fields("DateTime") = renewal.Label9.Caption + " " +  
renewal.Label4.Caption  
renewal.Adodc1.Recordset.Update  
MsgBox "Completing your Transaction and Activating Your Account. please wait"  
MsgBox "Your Account has been Activated. Please login your account"  
Unload Me  
Unload profile  
Unload dashboard  
login.Show  
End If  
End If  
End Sub
```

```
Private Sub Form_Load()  
Me.Left = Screen.Width / 2 - Me.Width / 2  
Me.Top = (Screen.Height) / 2 - Me.Height / 2  
Label4.Caption = Format(Time, "HH:mm:ss AM/PM")  
Label9.Caption = Date  
End Sub  
Private Sub Timer1_Timer()  
Label4.Caption = Format(Time, "HH:mm:ss AM/PM")  
Label9.Caption = Date  
End Sub
```

5. IMPLEMENTATION SCREENSHOTS

5.1 Home Module:

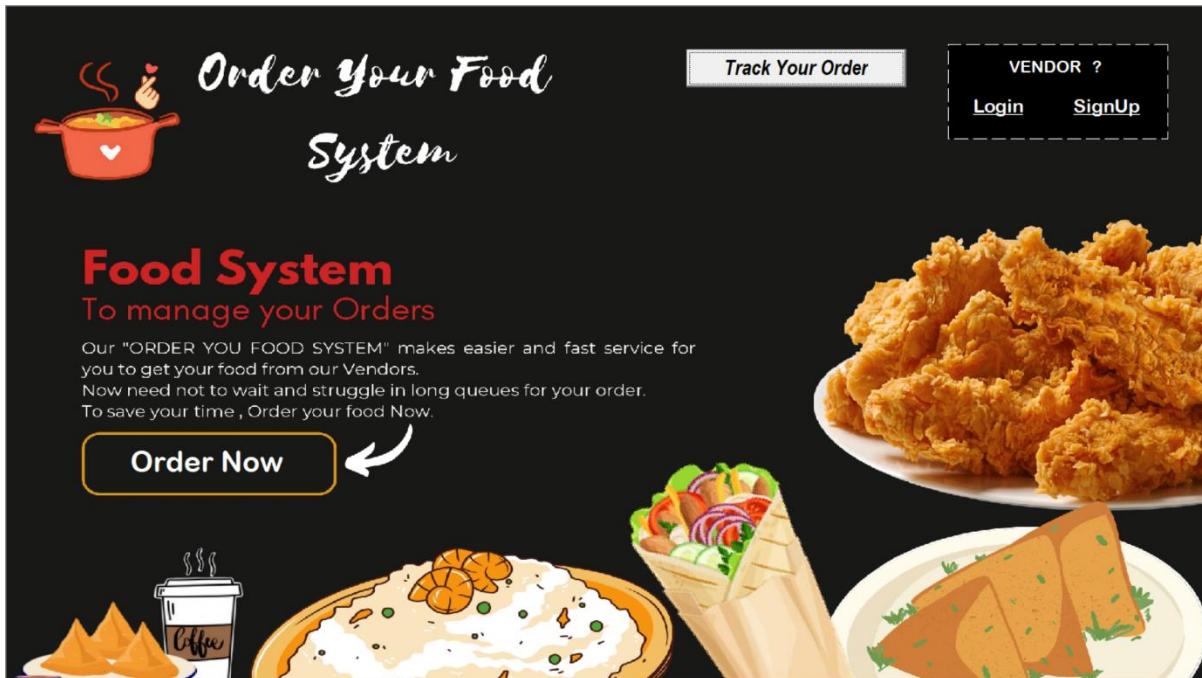


Fig. No. 5.1

5.2 Customer's Order Module:

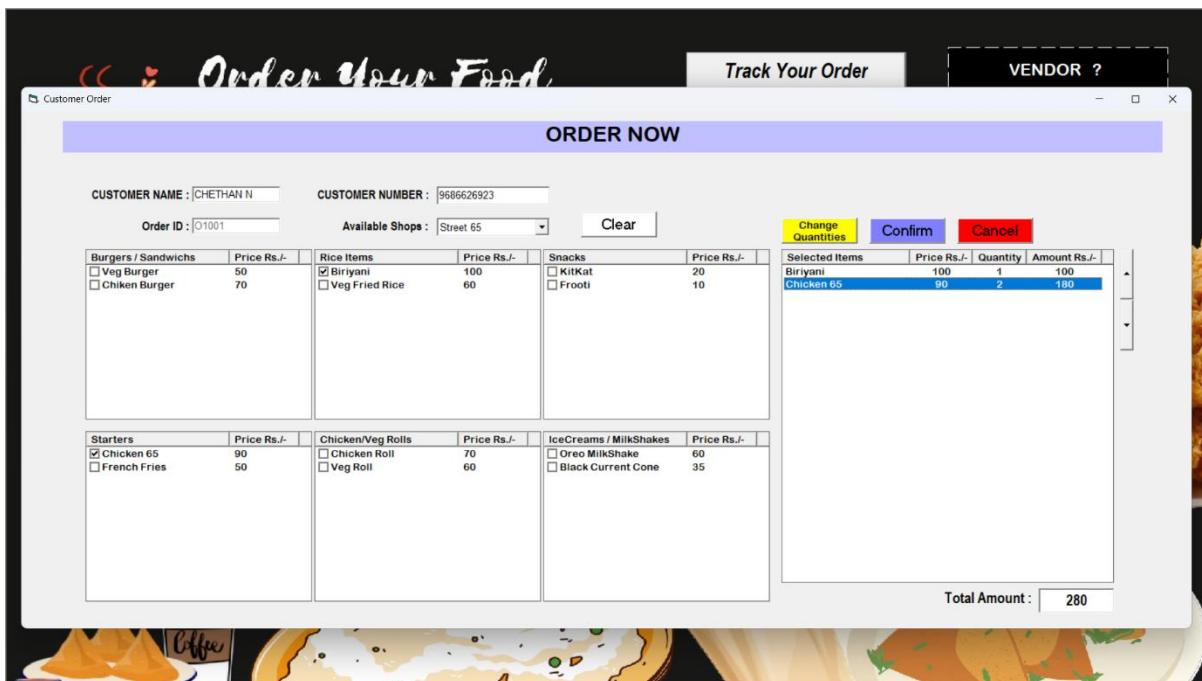


Fig. No. 5.2

5.3 Signup page Module:



Fig. No. 5.3

5.4 Login Page Module:

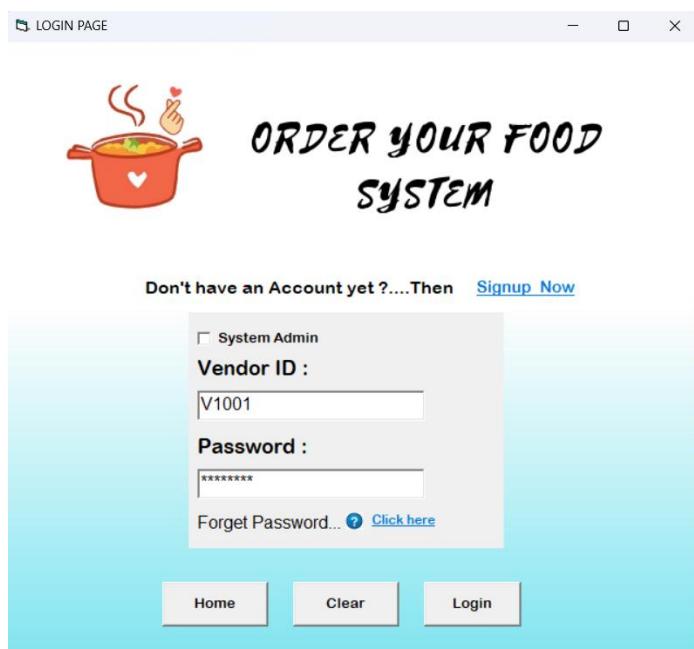


Fig. No. 5.4

5.5 Dashboard Module:

Admin's Dashboard:



Fig. No. 5.5(a)

Vendor's Dashboard:

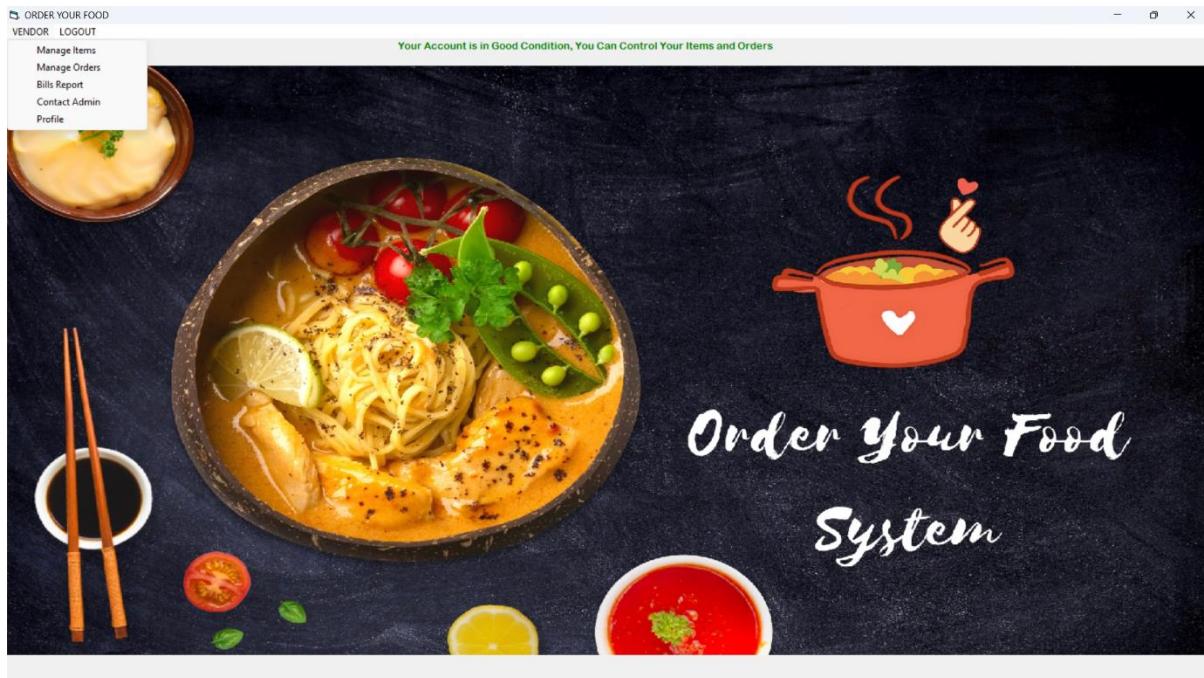


Fig. No. 5.5(b)

5.6 Manage Vendors Module:

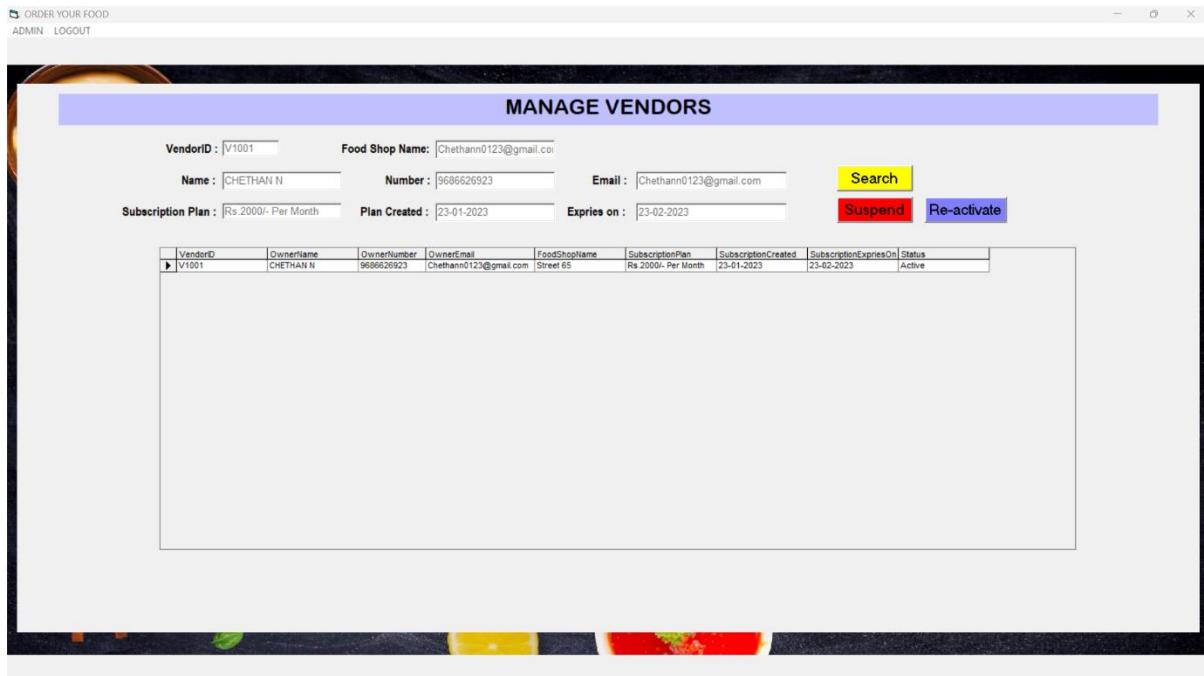


Fig. No. 5.6

5.7 Subscription Report Module:

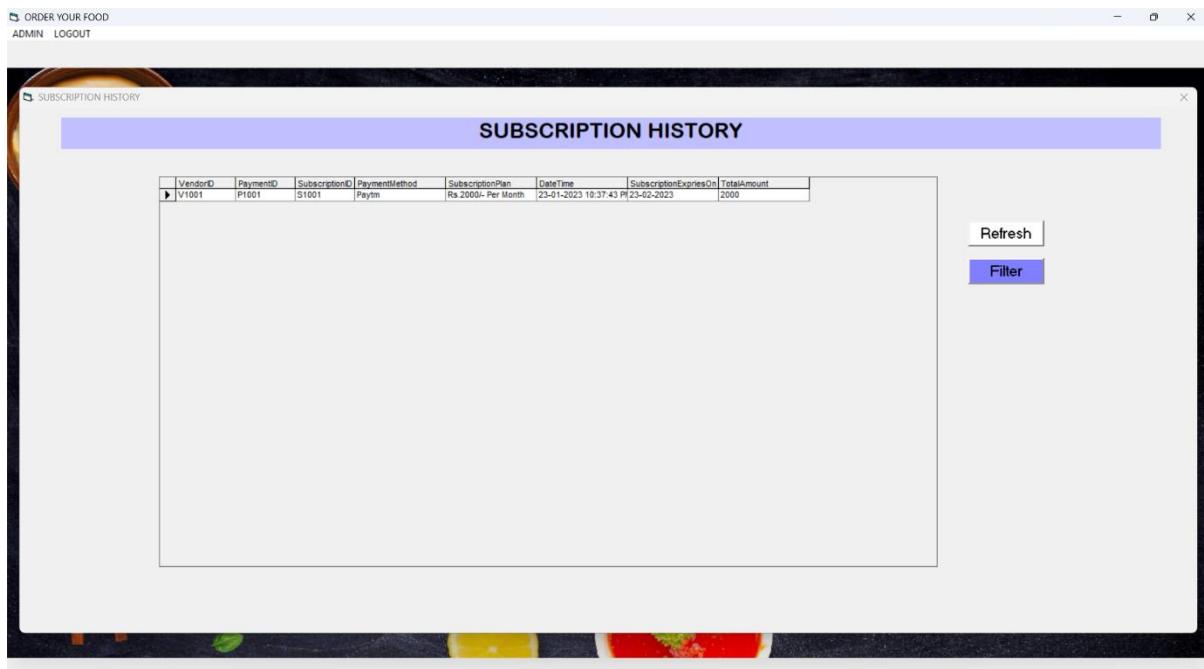


Fig. No. 5.7

5.8 Manage Items Module:

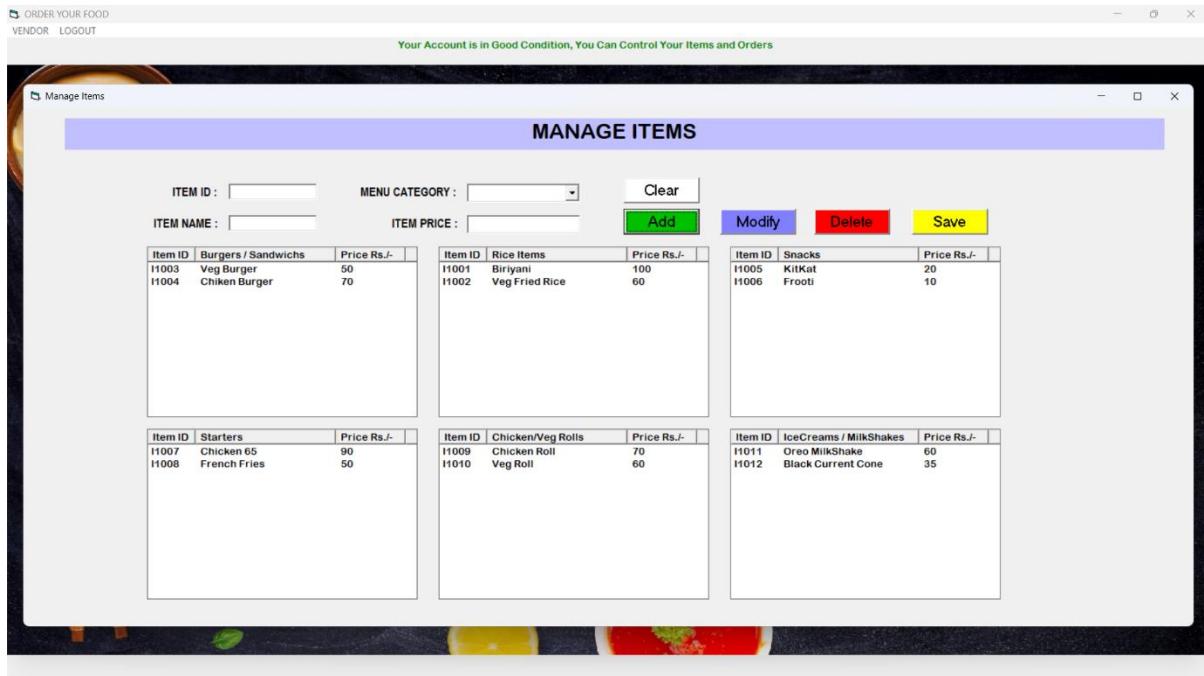


Fig. No. 5.8

5.9 Manage Orders Module:

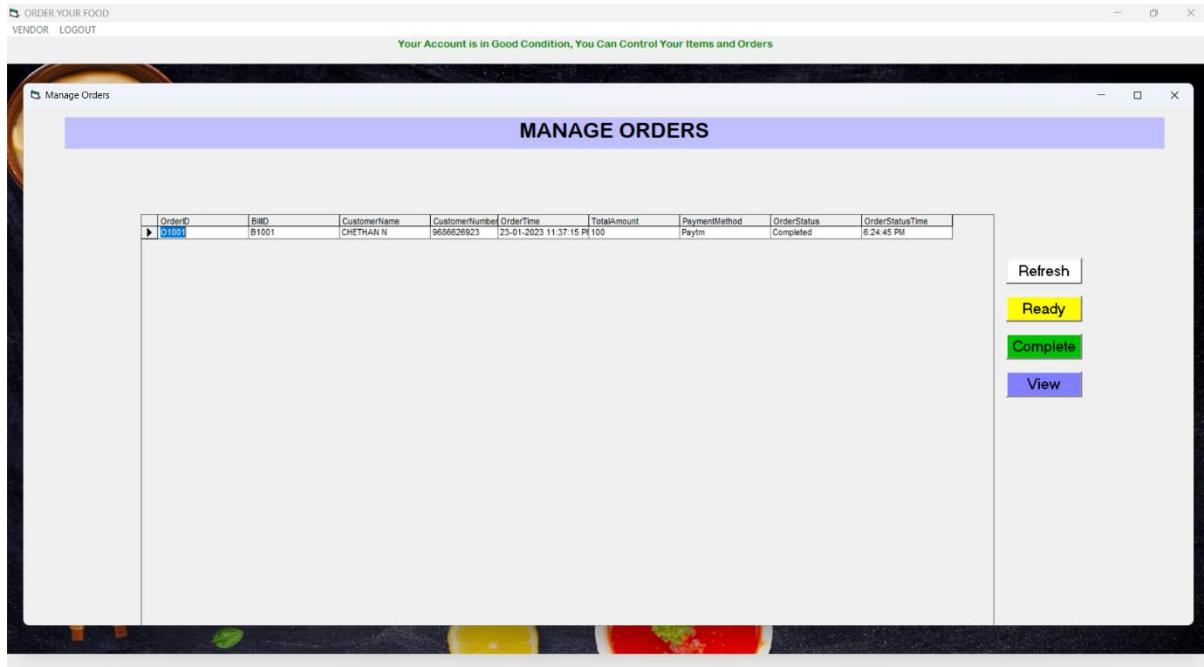


Fig. No. 5.9

5.10 Vendor's profile Module:

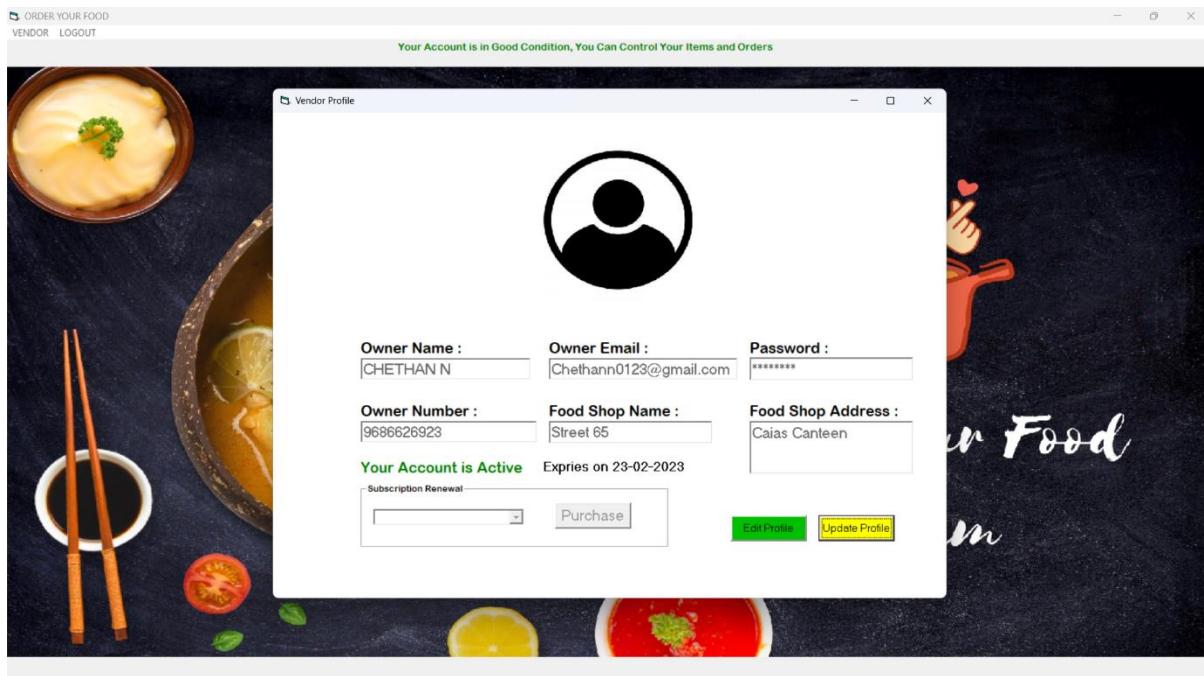


Fig. No. 5.10

5.11 View Bills Module:

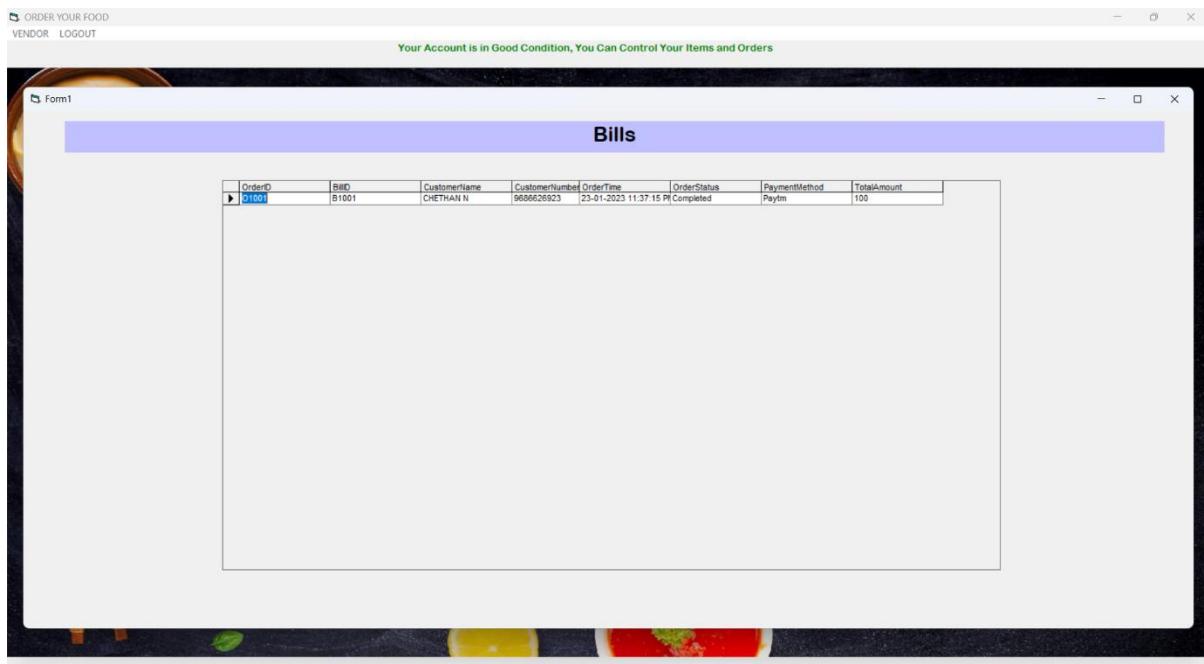


Fig. No. 5.11

5.12 Vendor's Payment Module:

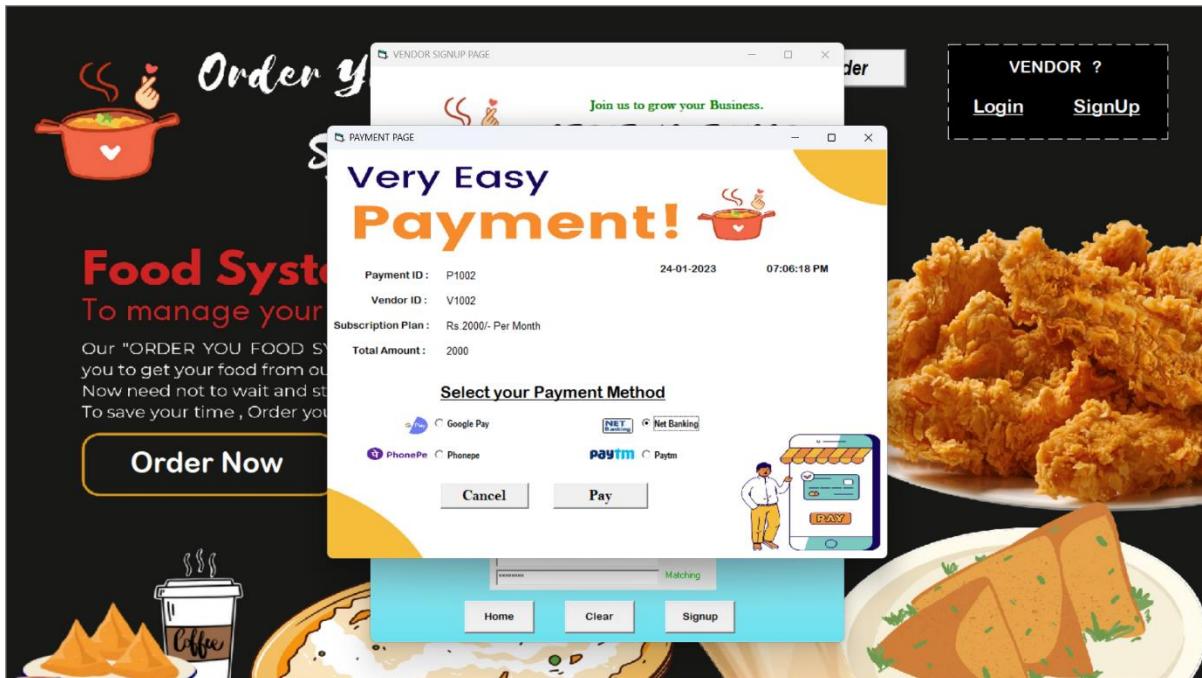


Fig. No. 5.12

5.13 Customer's Payment Module:

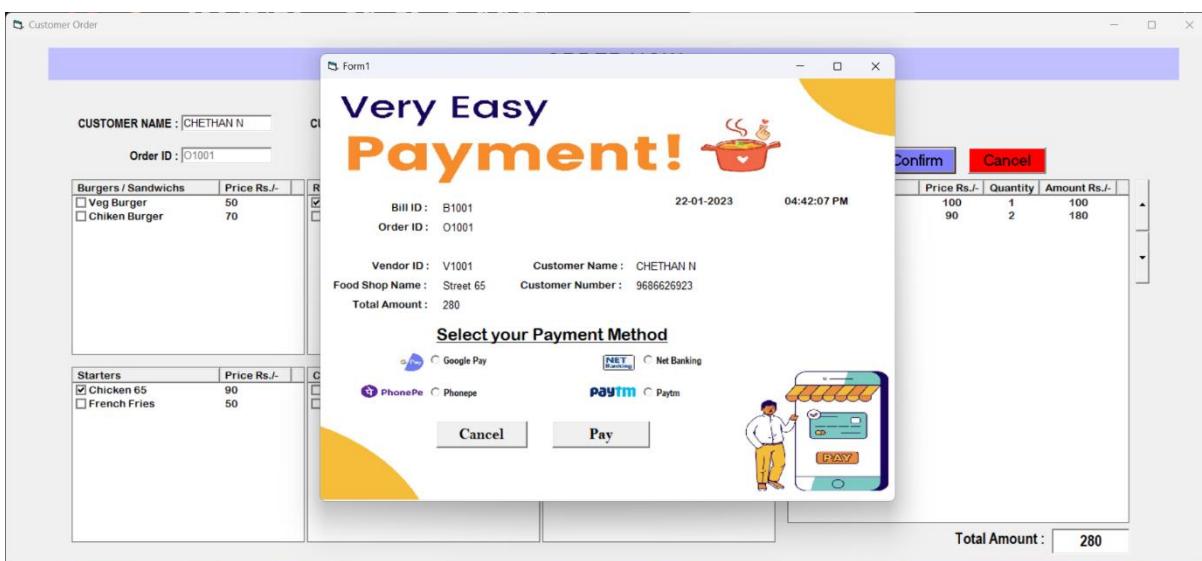


Fig. No. 5.13

5.14 Vendor's Subscription Renewal Module:

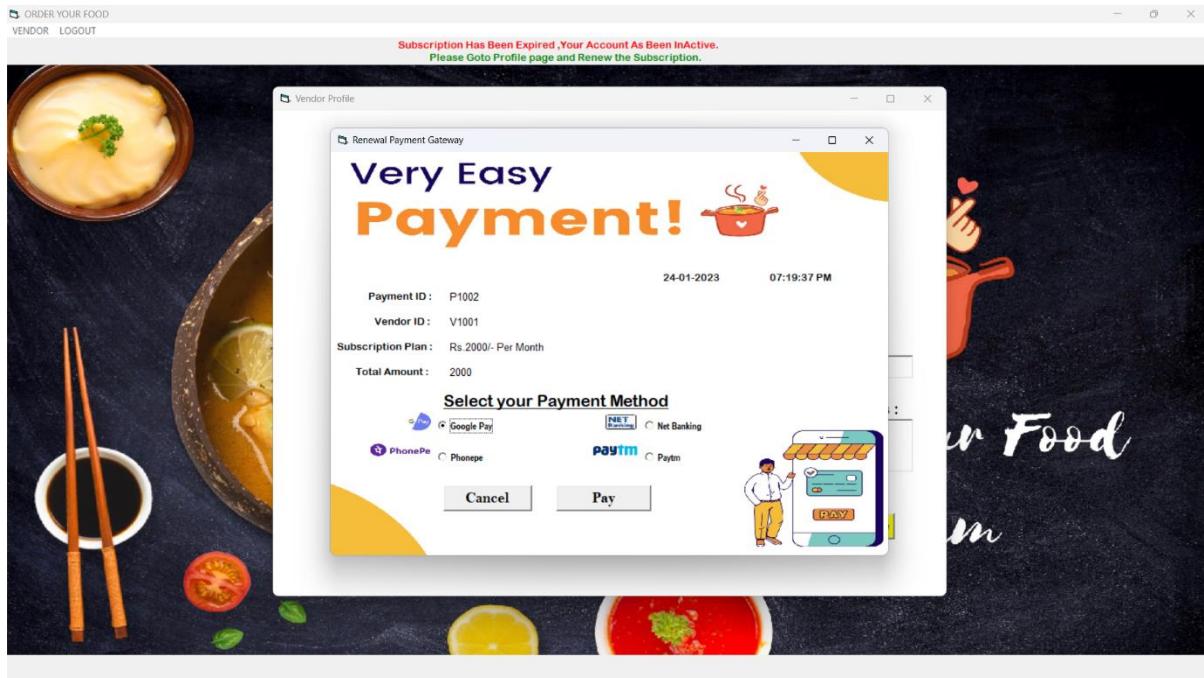


Fig. No. 5.14

5.15 Contact Admin Module:

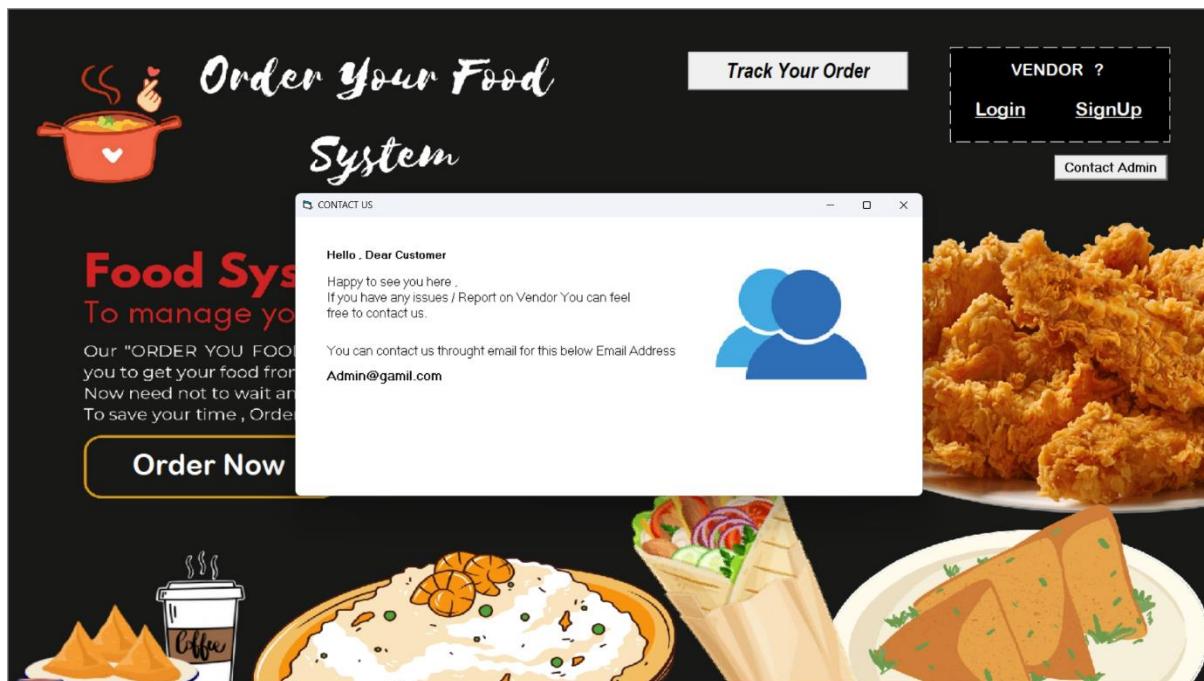


Fig. No. 5.15

6. TESTING

In general, testing is finding out how well something works. In terms of human beings, testing tells what level of knowledge or skill has been acquired. In computer hardware and software development, testing is used at key checkpoints in the overall process to determine whether objectives are being met.

6.1 Unit Testing :

Unit testing is a type of software testing where individual units or components of the software are tested in isolation from the rest of the system. The purpose of unit testing is to validate that each unit of the system performs as intended and meets its functional and design specifications. Unit tests are typically automated and are run frequently during the development process to catch any issues early on. This type of testing is performed by developers and focuses on small, isolated pieces of code, such as individual functions or methods. Unit testing helps to identify and fix bugs early in the development process, which can save time and resources later on in the software development cycle. Additionally, unit tests serve as a documentation of the expected behavior of the system, making it easier for developers to maintain and update the code over time.

6.2 System Testing :

System testing is a type of software testing that evaluates the complete and fully integrated system to verify that it meets the specified requirements and works as intended. System testing is performed after integration testing and focuses on verifying the system's behavior in a real-world scenario, including performance, security, and other non-functional requirements. The objective of system testing is to validate that the system meets the business and user requirements, and to identify and fix any defects or issues before the system is released to the end-users. System testing can be performed manually or with the help of automated tools, and typically involves testing the system with realistic data and user scenarios to simulate real-world usage. System testing is an important step in the software development process as it ensures that the system meets the quality standards and is ready for deployment.

6.3 Integration Testing :

Integration testing is a type of software testing where individual units or components of the software are combined and tested as a group to verify the interactions between them. The purpose of integration testing is to validate that the interfaces between the components work correctly, and that the components function as intended when integrated into the larger system. Integration testing is performed after unit testing and focuses on verifying the interaction and communication between components, as well as the overall functionality of the system as a whole. Integration testing can be performed manually or with the help of automated tools and typically involves testing the system with realistic data and user scenarios to simulate real-world usage. Integration testing is an important step in the software development process as it helps to identify and resolve any issues with the integration of components before the system is tested at the system level.

6.4 Test Cases :

Test Case – 01 (Vendor's Signup Module)

SI NO.	Description	Expected Result	Actual Result	Status
01	Vendor's Signup	All Valid Details	Empty Name	Fail
		All Valid Details	Empty / Invalid Number	Fail
		All Valid Details	Empty / Invalid Email	Fail
		All Valid Details	Invalid DOB(Below 18)	Fail
		All Valid Details	Empty Food Shop Name	Fail
		All Valid Details	Empty Food Shop Address	Fail
		All Valid Details	Empty Subscription Plan	Fail
		All Valid Details	Empty / Invalid Password	Fail
		All Valid Details	Re-Password Not Matching	Fail
		All Valid Details	All Valid Details	Pass

Table No. 6.1

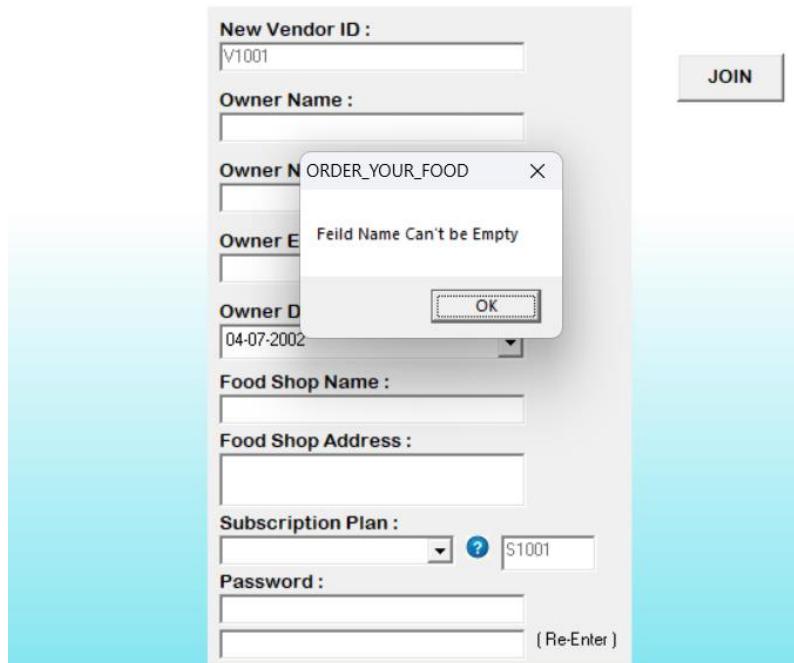
Empty Name:

Fig. No. 6.1

Vendor's signup fails if name field is empty , it throws the above error message.

Empty / Invalid Number :

Fig. No. 6.2

Vendor's signup fails if number field is empty or invalid , it throws the above error message.

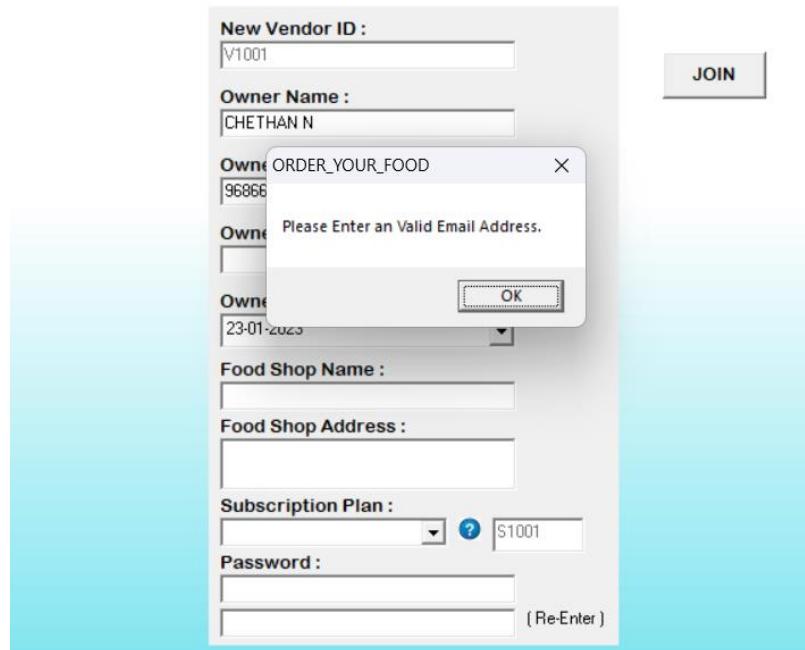
Empty / Invalid Email :

Fig. No. 6.3

Vendor's signup fails if Email field is empty / invalid , it throws the above error message.

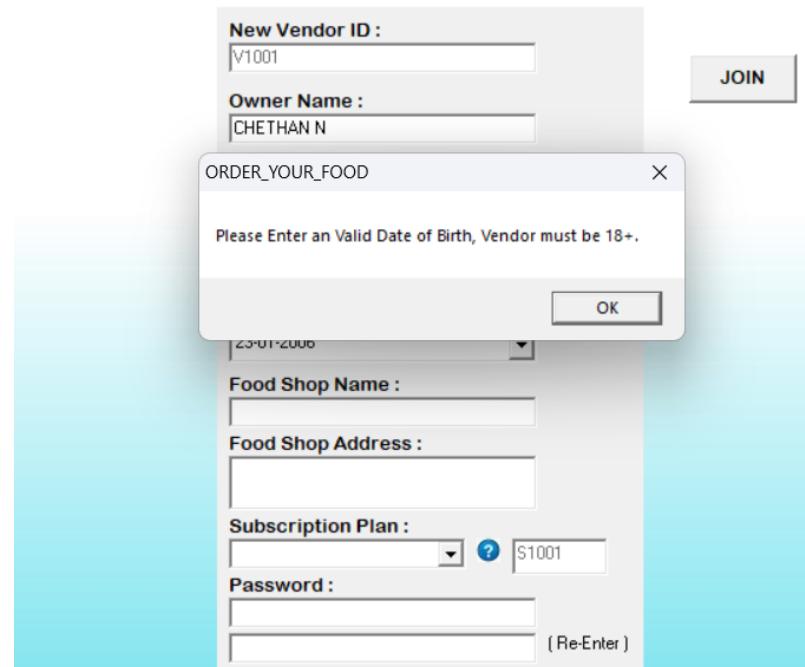
Invalid Date of Birth :

Fig. No. 6.4

Vendor's signup fails if Email field is invalid Date of Birth (Below 18 years), it throws the above error message.

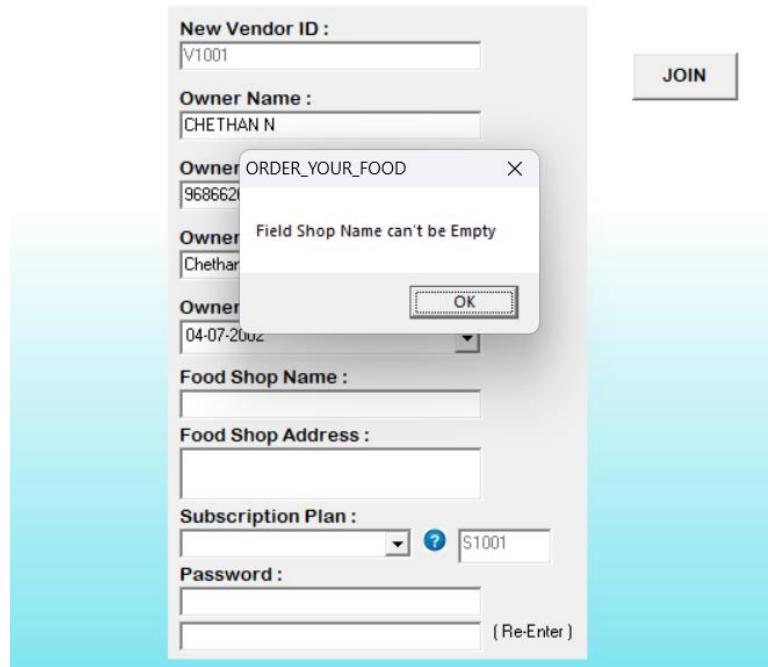
Empty Food Shop Name :

Fig. No. 6.5

Vendor's signup fails if food shop name is empty, it throws the above error message.

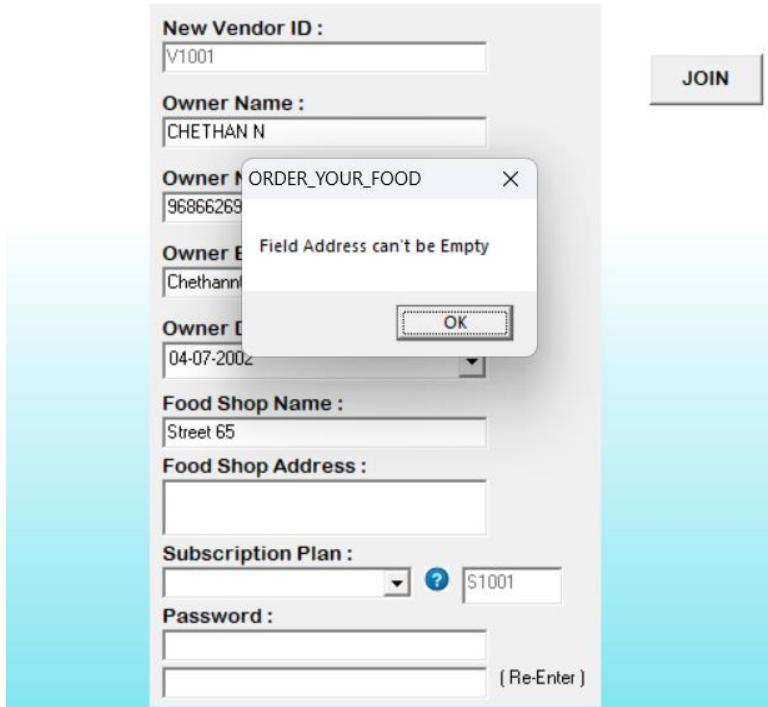
Empty Food Shop Address :

Fig. No. 6.6

Vendor's signup fails if food shop address is empty , it throws the above error message.

Empty Subscription Plan :

Fig. No. 6.7

Vendor's signup fails if Subscription plan is empty , it throws the above error message.

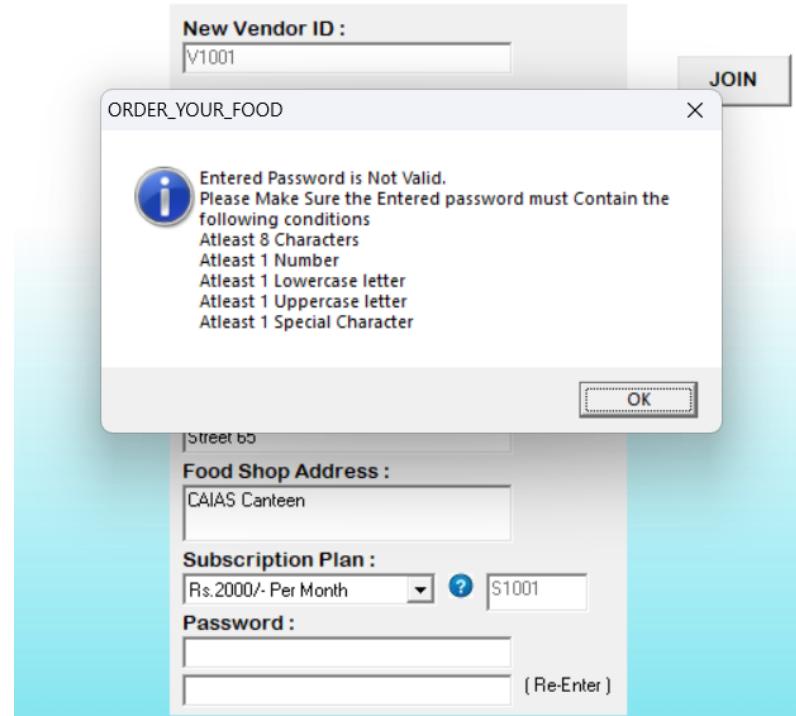
Empty / Invalid Password :

Fig. No. 6.8

Vendor's signup fails if Password is empty / invalid , it throws the above error message.

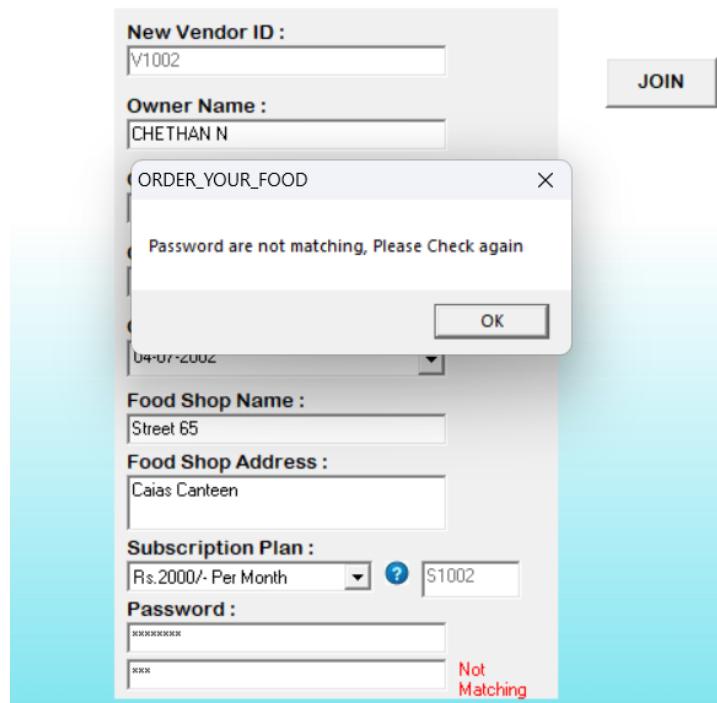
Empty / Not Matching Re-Password :

Fig. No. 6.9

Vendor's signup fails if Re-Password is Not matching with Password , it throws the above error message.

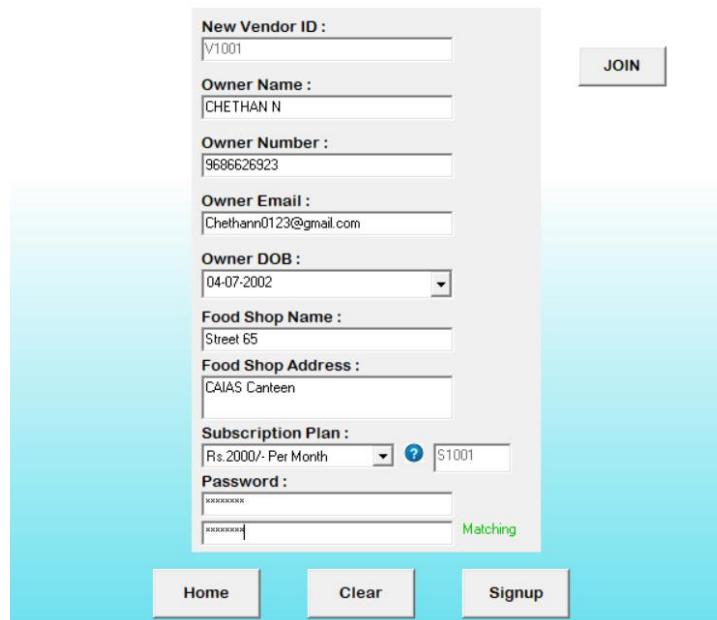
All Valid Details :

Fig. No. 6.10

Vendor's signup Passes if all the fields are filled with valid details , it redirects to the payment page for purchasing subscription plan.

Test Case – 02 (Vendor's Payment Module)

SI NO.	Description	Expected Result	Actual Result	Status
02	Vendor's Payment	Select Payment Method and Correct OTP	Payment Method Not selected	Fail
		Select Payment Method and Correct OTP	Wrong OTP	Fail
		Select Payment Method and Correct OTP	Select Payment Method and Correct OTP	Pass

Table No. 6.2

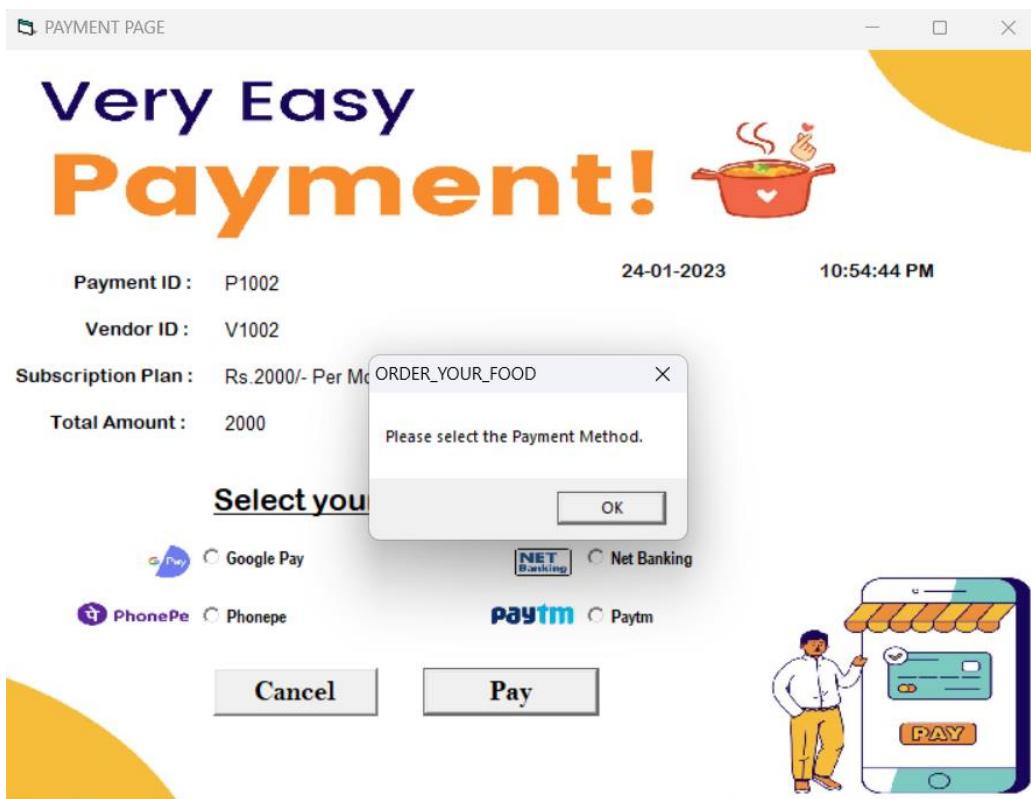
Payment Method Not selected :

Fig. No. 6.11

Vendor's payment fails if payment method is not selected , it throws above error message.

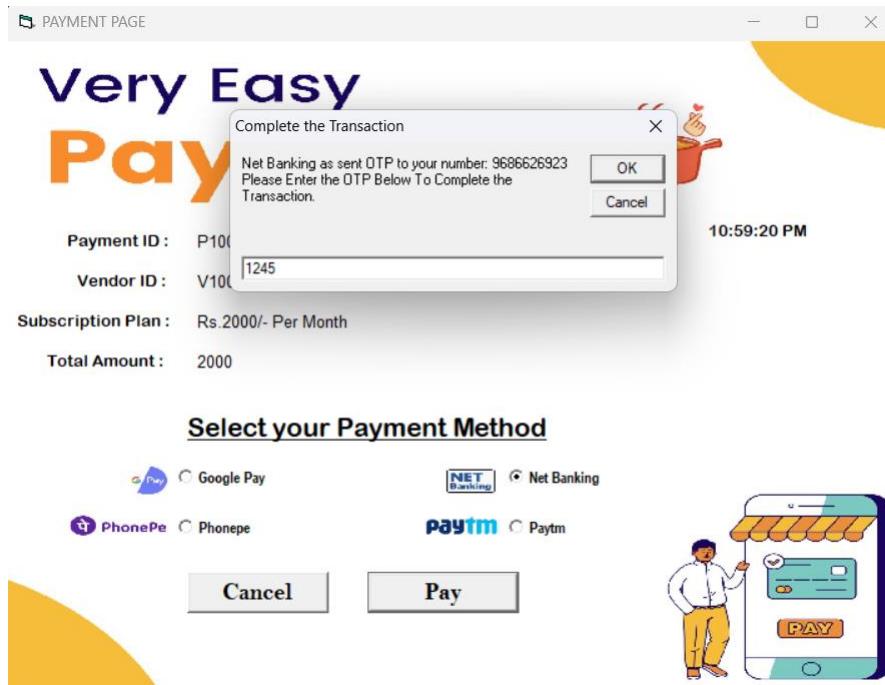
Wrong OTP :

Fig. No. 6.12(a)

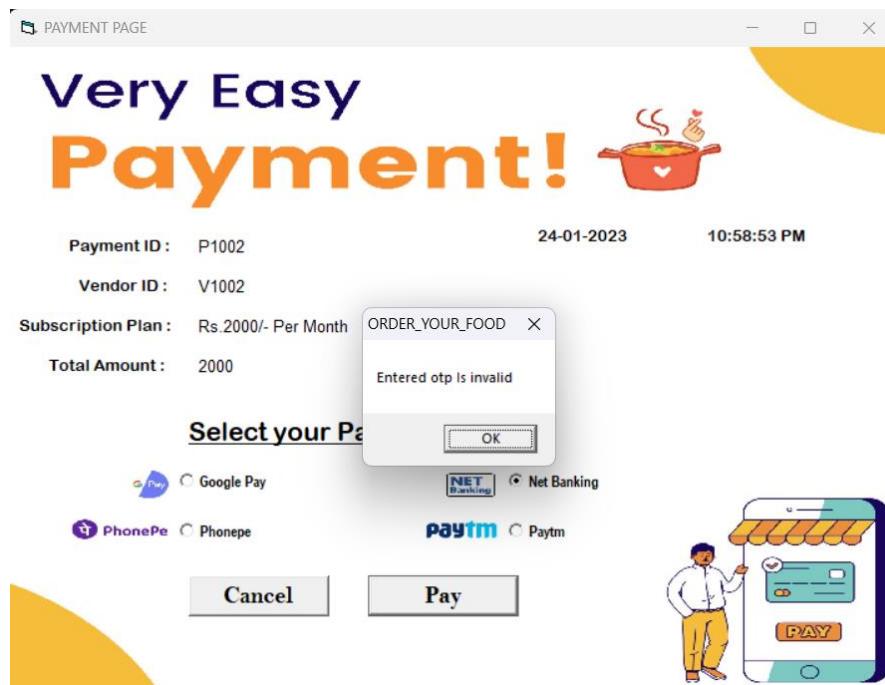


Fig. No. 6.12(b)

Vendor's payment fails if Entered OTP is wrong , it throws above error message.

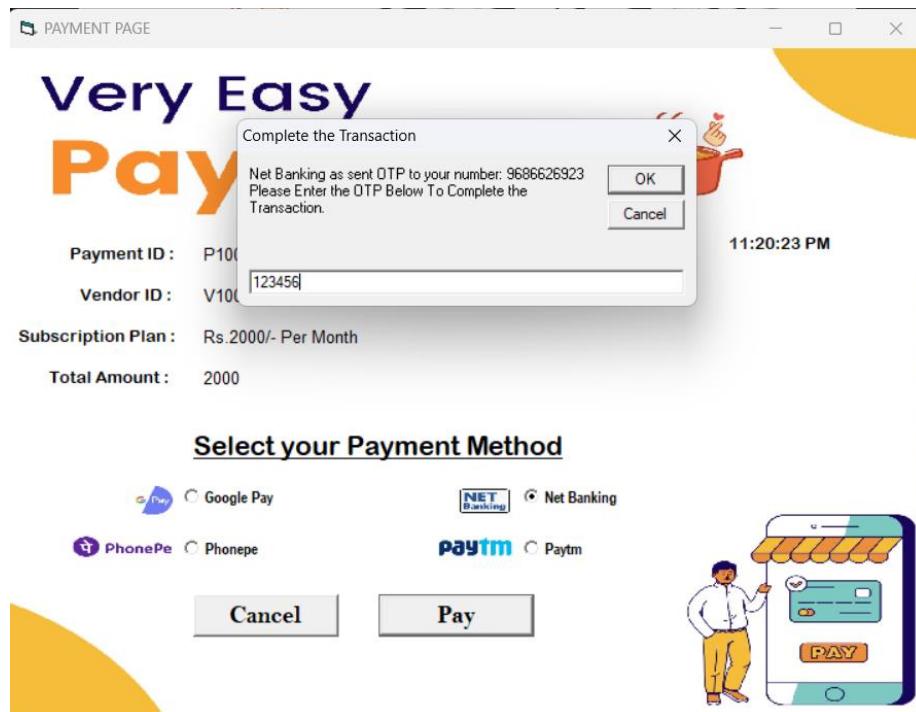
Select Payment Method and Correct OTP :

Fig. No. 6.13(a)

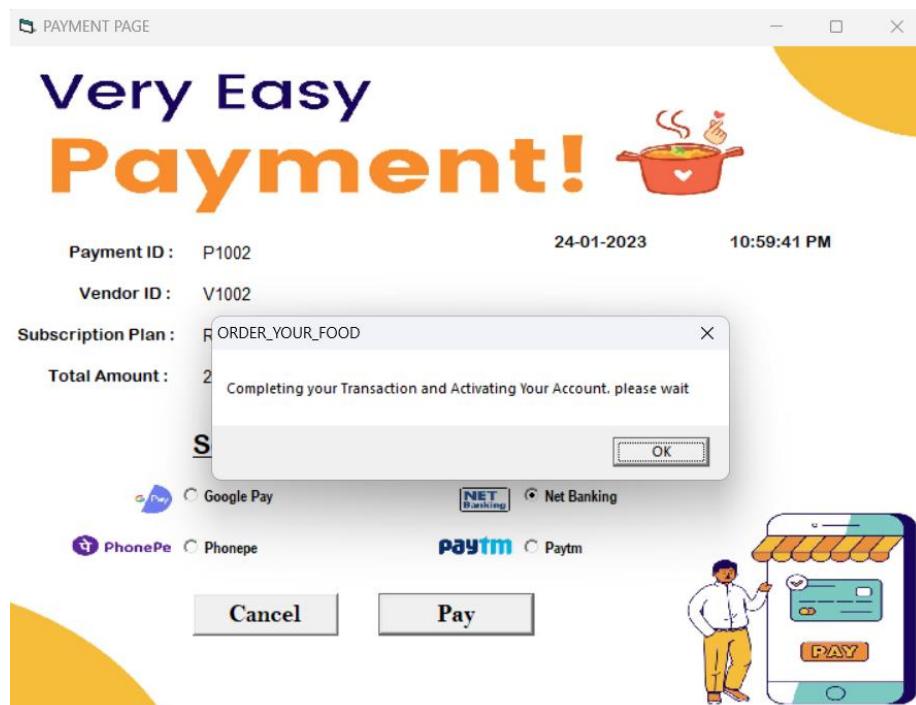


Fig. No. 6.13(b)

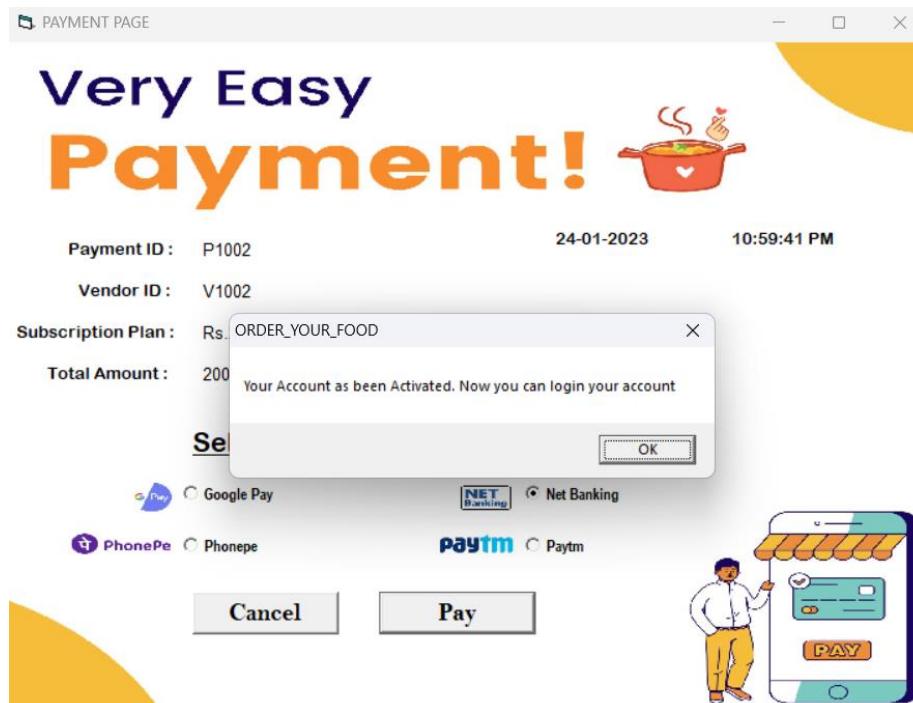


Fig. No. 6.13(c)

Vendor's payment passes if Payment method is selected and Enter Correct OTP , it redirects to Vendor's login page.

Test Case – 03 (Vendor's / Admin's Login Module)

SI NO.	Description	Expected Result	Actual Result	Status
03	Vendor's or Admin's login	Valid Username And Password	Empty Username Or Password	Fail
		Valid Username And Password	Invalid Username	Fail
		Valid Username And Password	Invalid Password	Fail
		Valid Username And Password	Valid Username And Password	Pass

Table No. 6.3

Empty Username or Password :

Fig. No. 6.14

Vendor's login fails if Username or password is empty , it throws above error message.

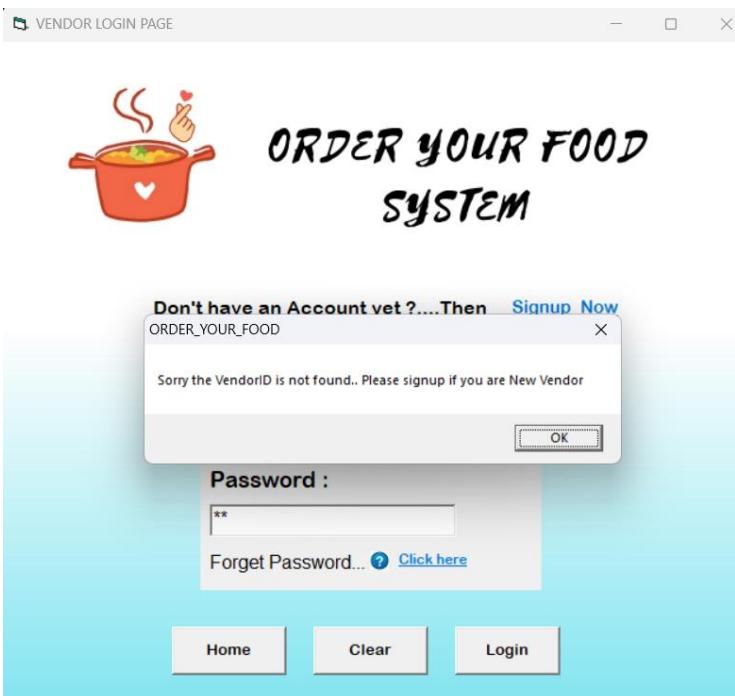
Invalid Username :

Fig. No. 6.15

Vendor's login fails if Username is invalid , it throws above error message.

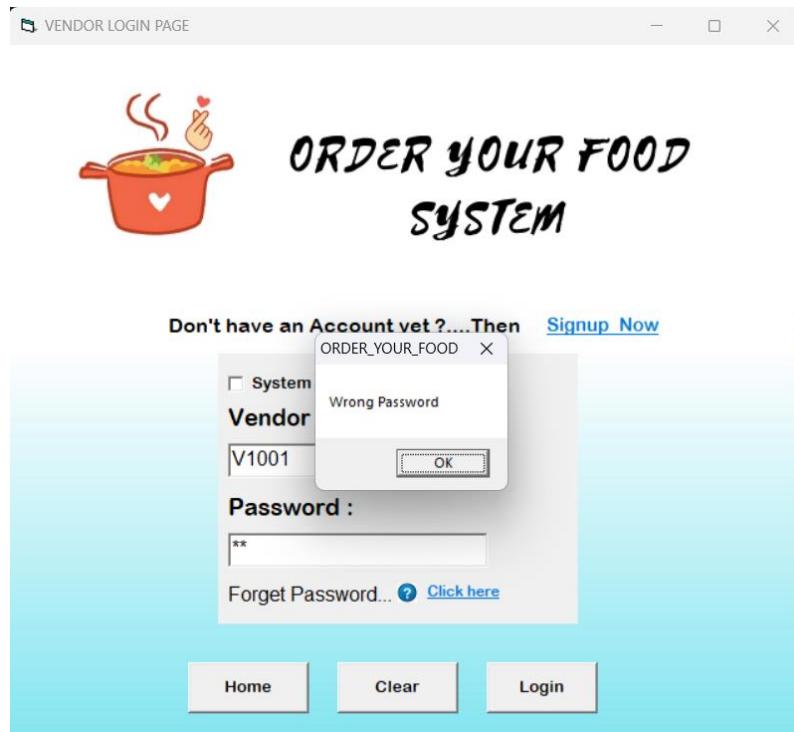
Invalid Password :

Fig. No. 6.16

Vendor's login fails if Password is invalid , it throws above error message.

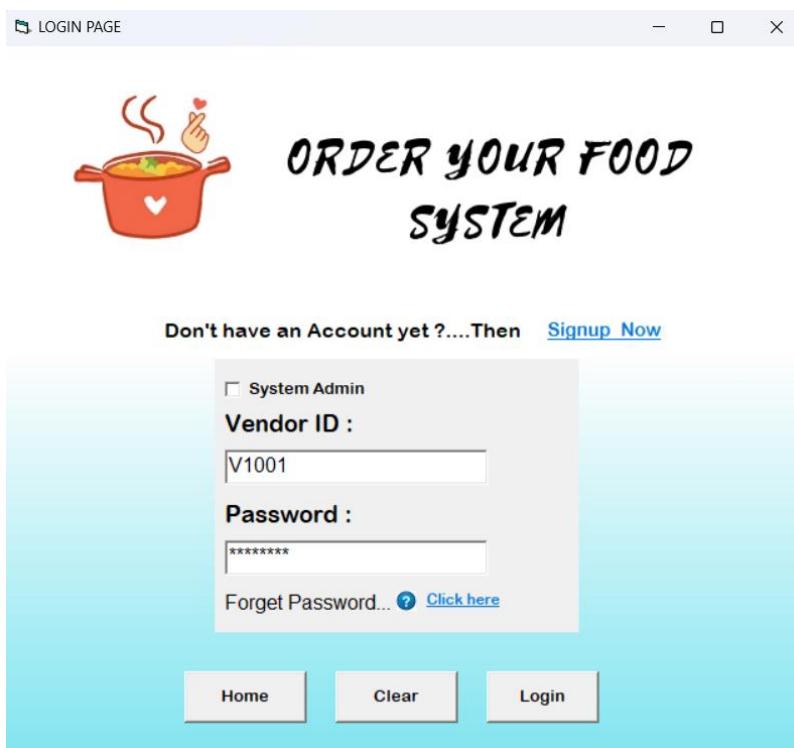
Valid Username and Password :

Fig. No. 6.17(a)

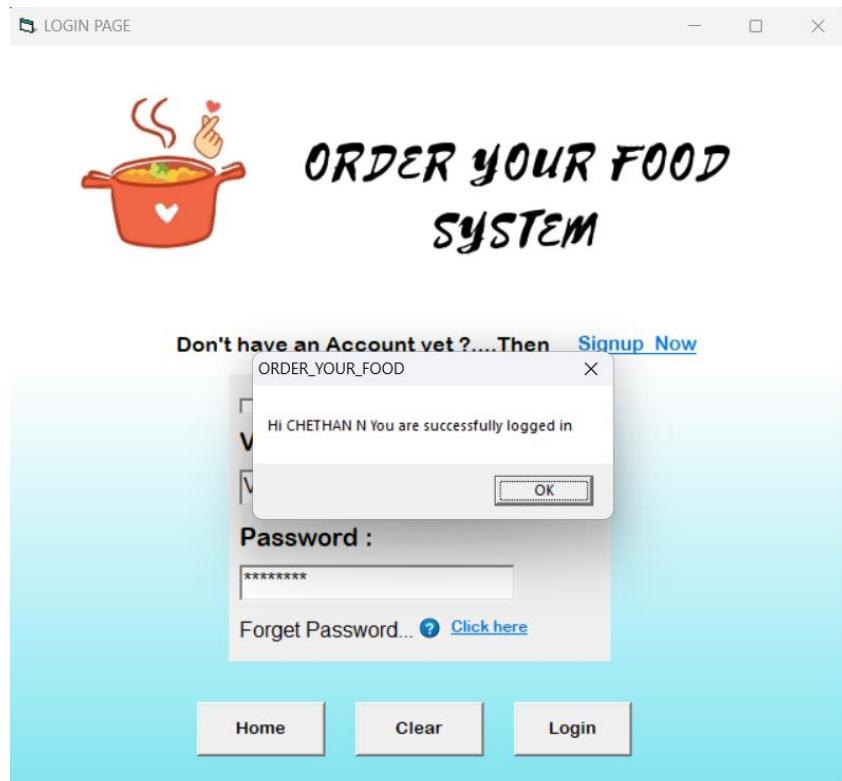


Fig. No. 6.17(b)

Vendor's login passes if Username and Password is valid , it shows above message and redirects to Vendor's dashboard page.

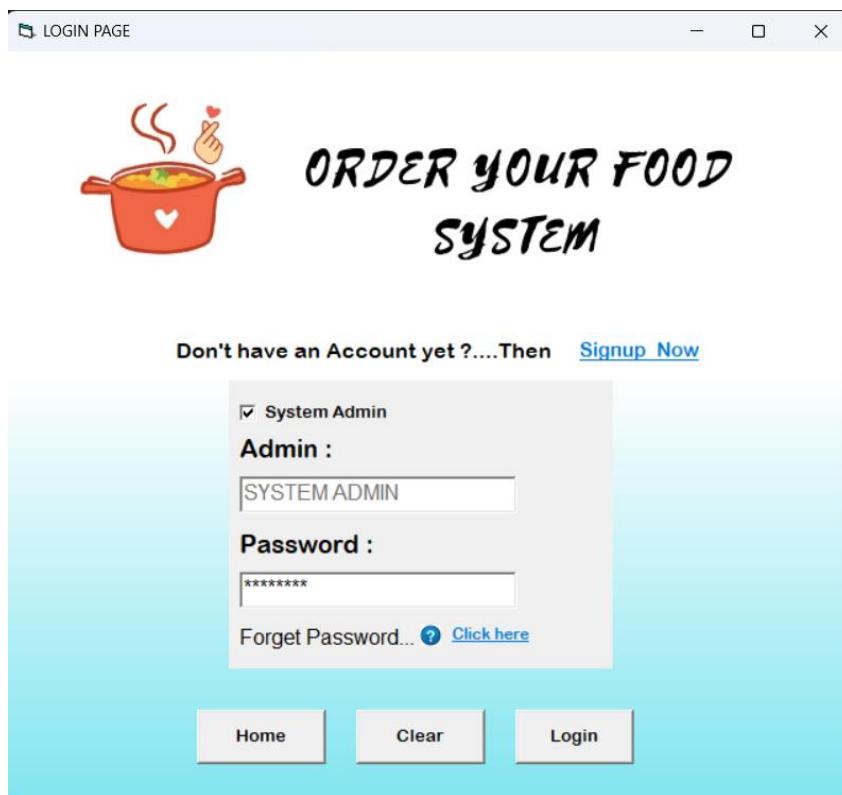


Fig. No. 6.17(c)

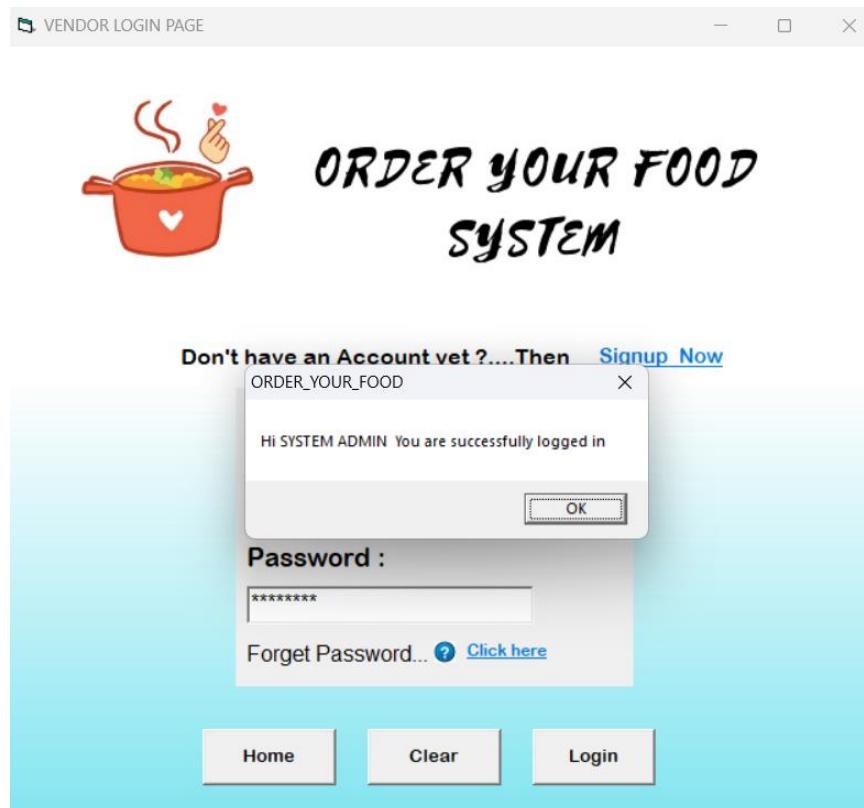


Fig. No. 6.17(d)

Admin's login passes if Username and Password is valid , it shows above message and redirects to Admin's dashboard page.

Test Case – 04 (Vendor's Forget Password)

SI NO.	Description	Expected Result	Actual Result	Status
04	Vendor's Forget Password	Valid Number And Password	Empty Number Or Password	Fail
		Valid Number And Password	Invalid Vendor ID	Fail
		Valid Number And Password	Invalid Number	Fail
		Valid Number And Password	Invalid Password	Fail
		Valid Number And Password	Valid Number And Password	Pass

Table No. 6.4

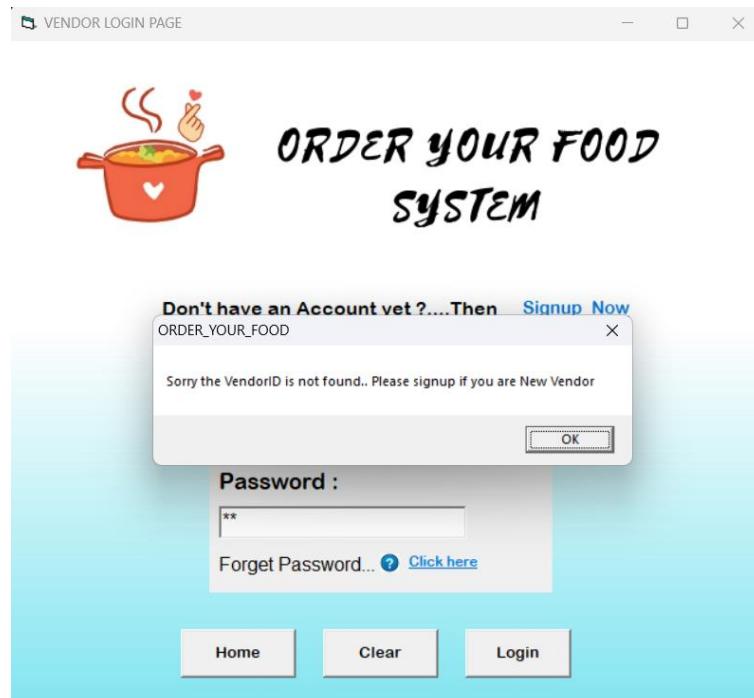
Empty / Invalid Vendor ID :

Fig. No. 6.18

Vendor's Forget Password fails if given Vendor ID is invalid , it throws above error message.

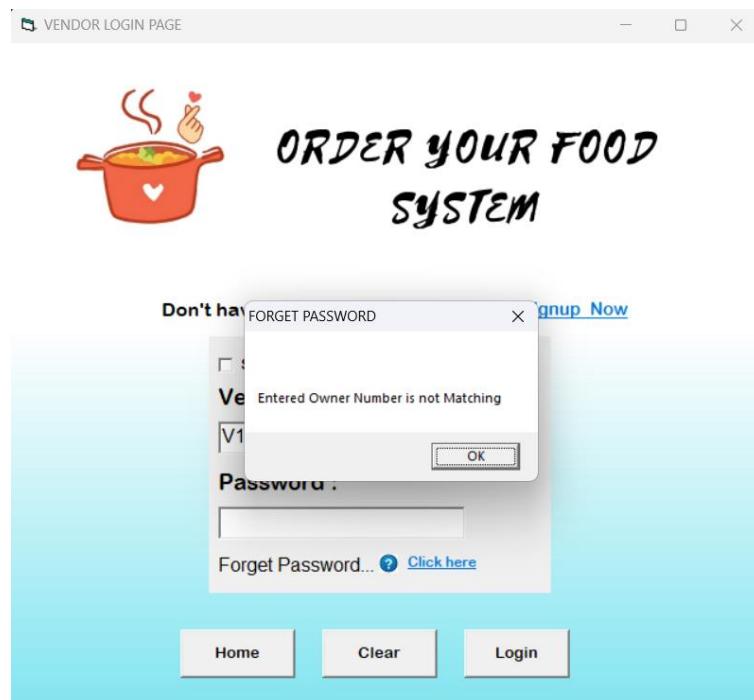
Empty / Invalid Number :

Fig. No. 6.19

Vendor's Forget Password fails if Vendor Number is wrong , it throws above error message.

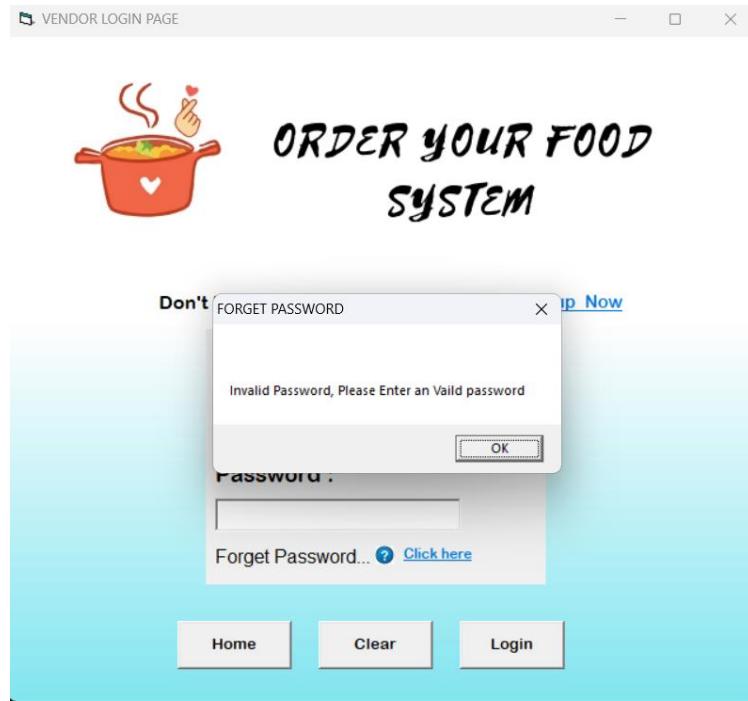
Empty / Invalid New-Password :

Fig. No. 6.20

Vendor's Forget Password fails if given New-Password is invalid , it throws above error message.

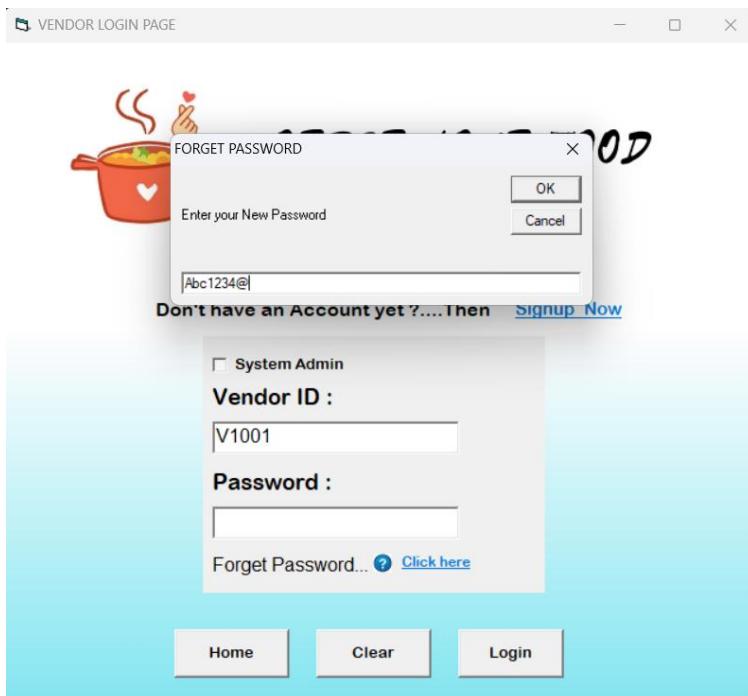
Valid Number and New Password :

Fig. No. 6.21(a)

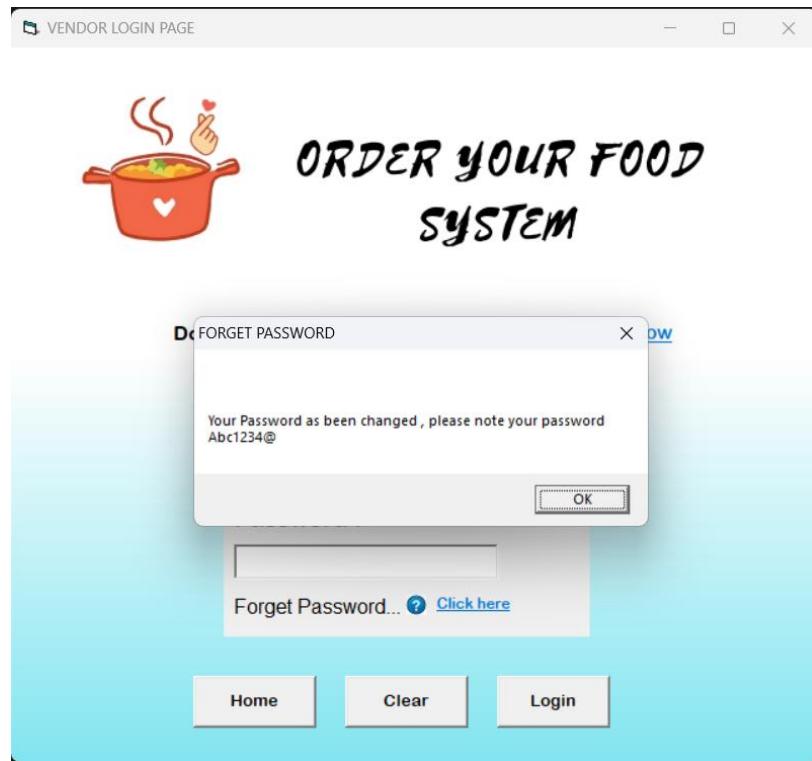


Fig. No. 6.21(b)

Vendor's Forget Password Passes if given vendor id , number and new password is valid , it throws above error message.

Test Case – 05 (Vendor's Manage Items)

SI NO.	Description	Expected Result	Actual Result	Status
05	Vendor's Manage Items	All Details To be fill	Empty Item ID	Fail
		All Details To be fill	Empty Item Name	Fail
		All Details To be fill	Empty Menu Category	Fail
		All Details To be fill	Empty Item's Price	Fail
		All Details To be fill	All details has Been filled	Pass

Table No. 6.5

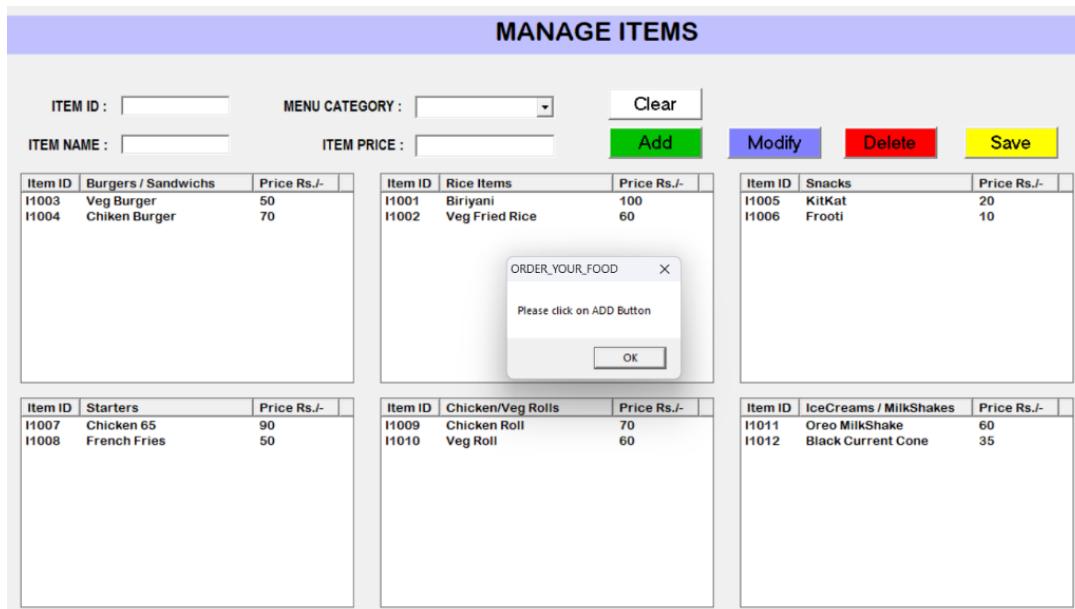
Empty Item Id :

Fig. No. 6.22

Vendor's manage items fails if item's id field is empty , it throws the above error message.

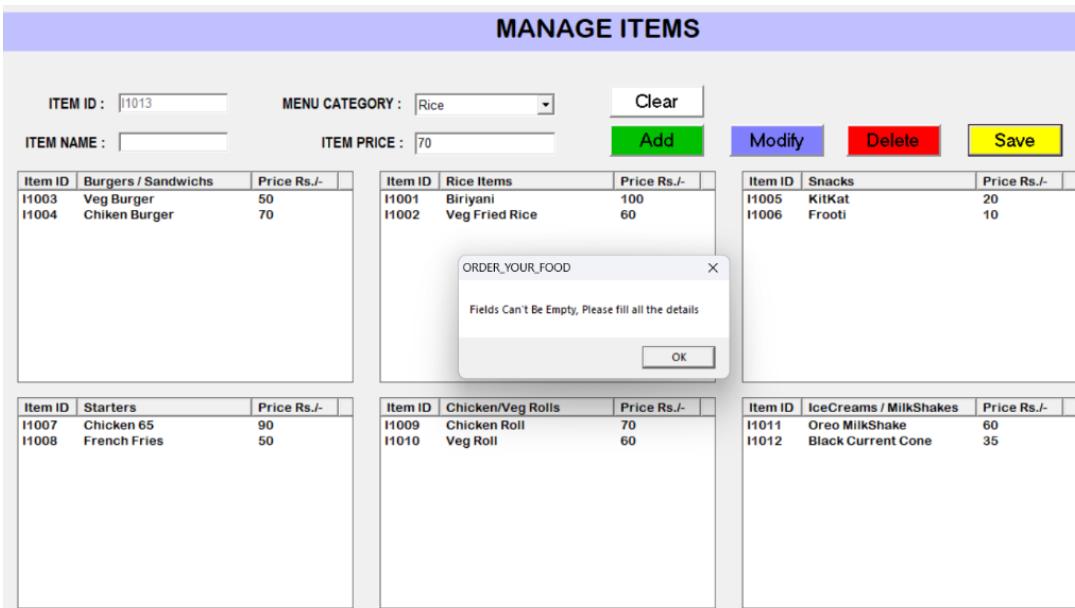
Empty Item Name :

Fig. No. 6.23

Vendor's manage items fails if item's name field is empty , it throws the above error message.

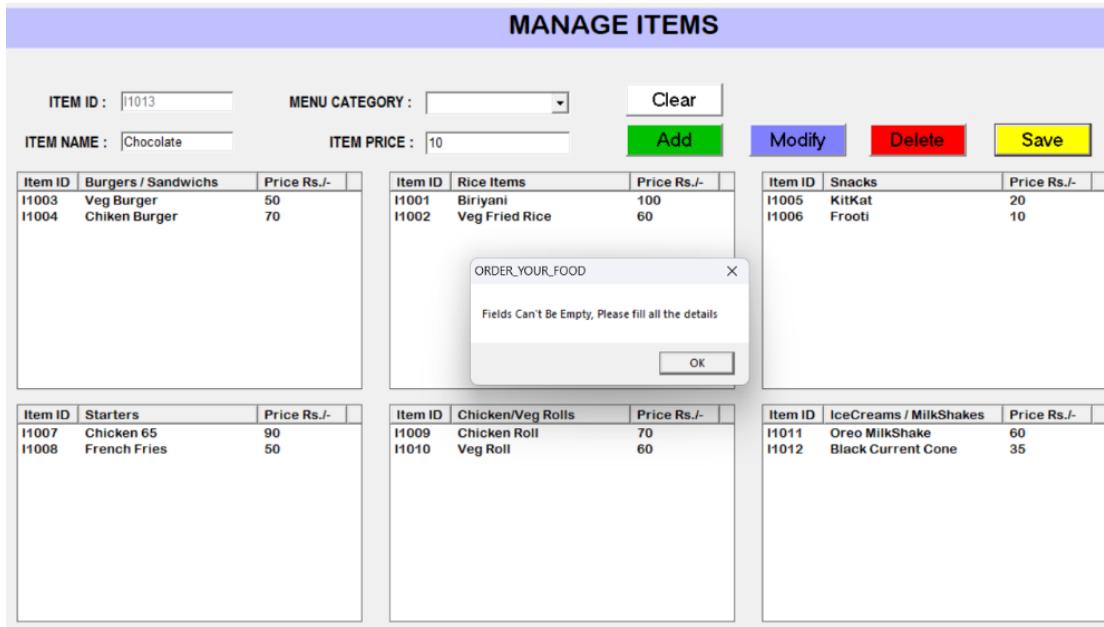
Empty Menu Category :

Fig. No. 6.24

Vendor's manage items fails if item's menu category field is empty , it throws the above error message.

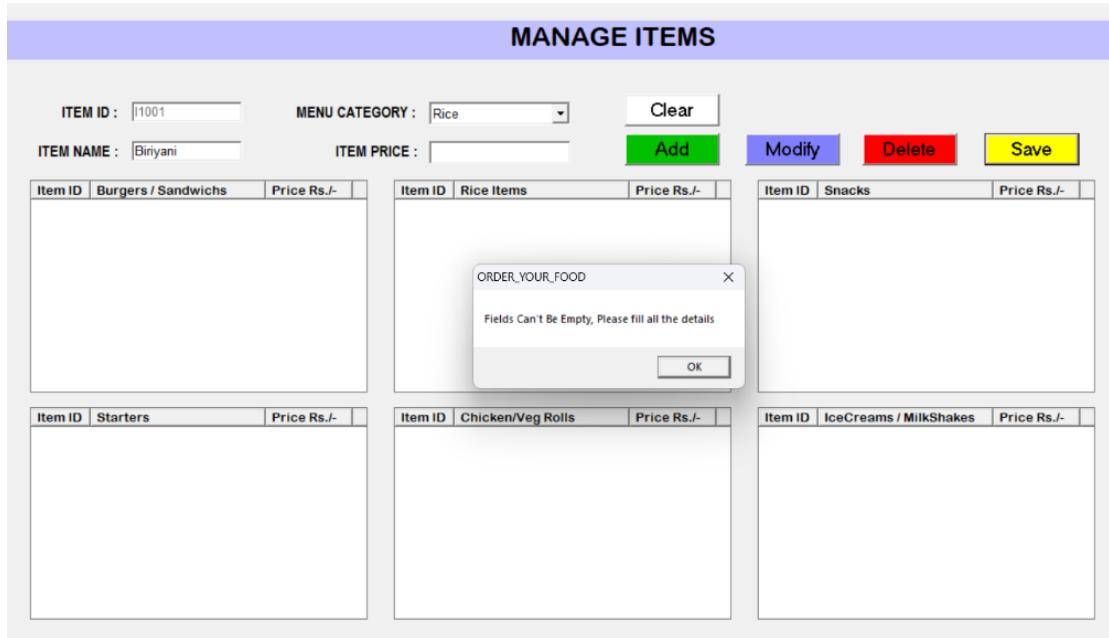
Empty Item's Price :

Fig. No. 6.25

Vendor's manage items fails if item's price field is empty , it throws the above error message.

All details has Been filled :

The screenshot shows a software application titled "MANAGE ITEMS". At the top, there are input fields for "ITEM ID" (I1013), "MENU CATEGORY" (Burger), and "ITEM PRICE" (50). Below these are four tables representing different food categories:

- Burgers / Sandwichs:** Shows items I1003 (Veg Burger, Price 50) and I1004 (Chiken Burger, Price 70).
- Rice Items:** Shows items I1001 (Biriyani, Price 1000) and I1002 (Veg Fried Rice, Price 60).
- Starters:** Shows items I1007 (Chicken 65, Price 90) and I1008 (French Fries, Price 50).
- Chicken/Veg Rolls:** Shows items I1009 (Chicken Roll, Price 70) and I1010 (Veg Roll, Price 60).
- Snacks:** Shows items I1005 (KitKat, Price 20) and I1006 (Frooti, Price 10).
- IceCreams / MilkShakes:** Shows items I1011 (Oreo Milkshake, Price 60) and I1012 (Black Current Cone, Price 35).

A central modal window titled "ORDER_YOUR_FOOD" displays the message "Item Veg Sandwich Details Saved Successfully" with an "OK" button.

Fig. No. 6.26

Vendor's manage items passes if all item's id , name , menu category and price is filled , it shows successful message of item save.

Test Case – 06 (Vendor's Manage Items)

SI NO.	Description	Expected Result	Actual Result	Status
06	Vendor's Manage Items	Valid Item ID For Modification And deletion	Invalid Item ID For Modification	Fail
		Valid Item ID For Modification And deletion	Invalid Item ID For Deletion	Fail
		Valid Item ID For Modification And deletion	Valid Item ID For Modification	Pass
		Valid Item ID For Modification And deletion	Valid Item ID For Deletion	Pass

Table No. 6.6

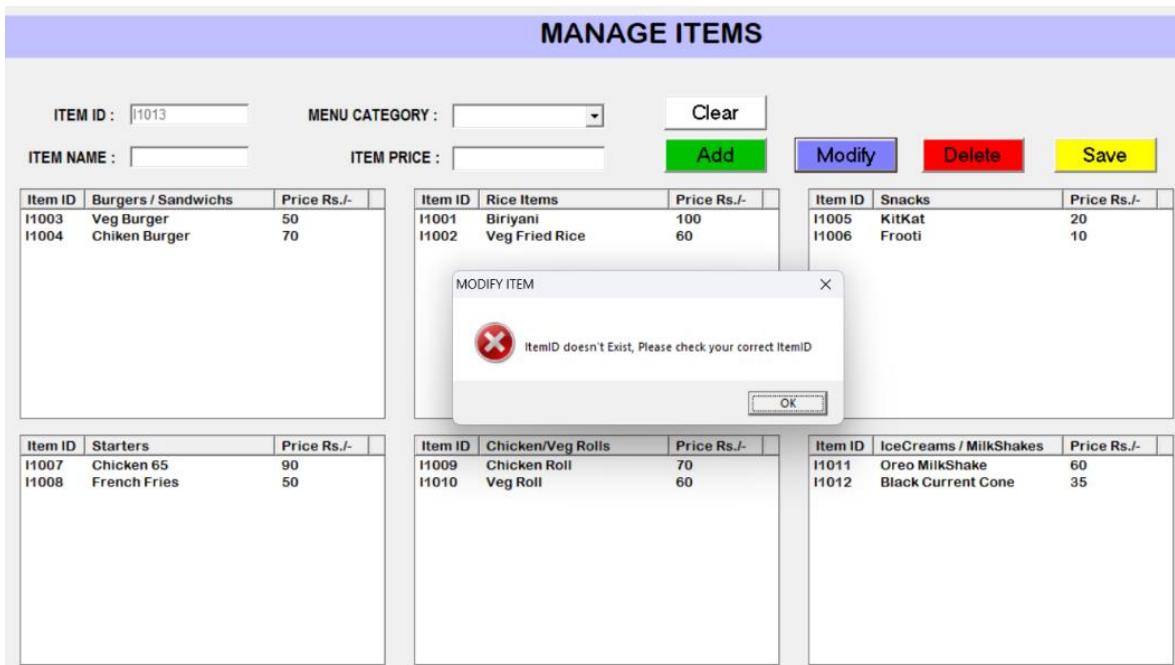
Invalid Item Id for Modification :

Fig. No. 6.27

Vendor's manage items fails if item's id is invalid while modification , it throws above error message.

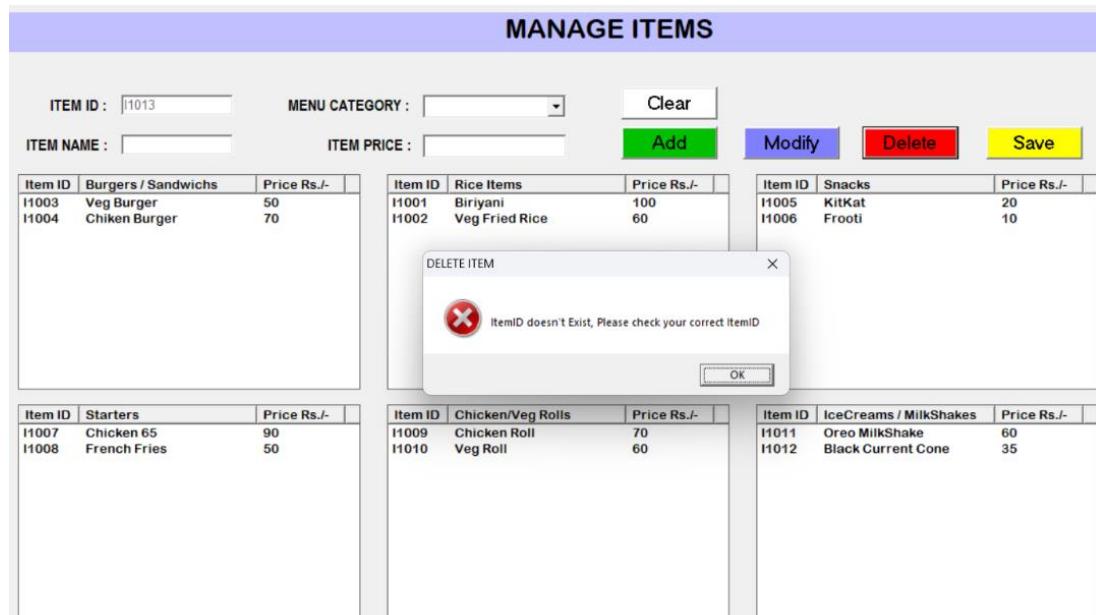
Invalid Item Id for Deletion :

Fig. No. 6.28

Vendor's manage items fails if item's id is invalid while deletion, it throws above error message.

Valid Item Id for Modification :

MANAGE ITEMS

ITEM ID : <input type="text" value="I1001"/> MENU CATEGORY : <input type="text" value="Rice"/> <input type="button" value="Clear"/> ITEM NAME : <input type="text" value="Biriyani"/> ITEM PRICE : <input type="text" value="100"/> <input type="button" value="Add"/> <input type="button" value="Modify"/> <input type="button" value="Delete"/> <input type="button" value="Save"/>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Item ID</th> <th>Burgers / Sandwichs</th> <th>Price Rs./-</th> </tr> </thead> <tbody> <tr><td>I1003</td><td>Veg Burger</td><td>50</td></tr> <tr><td>I1004</td><td>Chiken Burger</td><td>70</td></tr> <tr><td>I1013</td><td>Veg Sandwich</td><td>50</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Item ID</th> <th>Rice Items</th> <th>Price Rs./-</th> </tr> </thead> <tbody> <tr><td>I1001</td><td>Biriyani</td><td>1000</td></tr> <tr><td>I1002</td><td>Veg Fried Rice</td><td>60</td></tr> </tbody> </table> <div style="text-align: center; margin-top: 10px;"> ORDER_YOUR_FOOD Item Biriyani Details Saved Successfully <input type="button" value="OK"/> </div>	Item ID	Burgers / Sandwichs	Price Rs./-	I1003	Veg Burger	50	I1004	Chiken Burger	70	I1013	Veg Sandwich	50	Item ID	Rice Items	Price Rs./-	I1001	Biriyani	1000	I1002	Veg Fried Rice	60	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Item ID</th> <th>Snacks</th> <th>Price Rs./-</th> </tr> </thead> <tbody> <tr><td>I1005</td><td>KitKat</td><td>20</td></tr> <tr><td>I1006</td><td>Frooti</td><td>10</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Item ID</th> <th>Starters</th> <th>Price Rs./-</th> </tr> </thead> <tbody> <tr><td>I1007</td><td>Chicken 65</td><td>90</td></tr> <tr><td>I1008</td><td>French Fries</td><td>50</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Item ID</th> <th>Chicken/Veg Rolls</th> <th>Price Rs./-</th> </tr> </thead> <tbody> <tr><td>I1009</td><td>Chicken Roll</td><td>70</td></tr> <tr><td>I1010</td><td>Veg Roll</td><td>60</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Item ID</th> <th>IceCreams / MilkShakes</th> <th>Price Rs./-</th> </tr> </thead> <tbody> <tr><td>I1011</td><td>Oreo MilkShake</td><td>60</td></tr> <tr><td>I1012</td><td>Black Current Cone</td><td>35</td></tr> </tbody> </table>	Item ID	Snacks	Price Rs./-	I1005	KitKat	20	I1006	Frooti	10	Item ID	Starters	Price Rs./-	I1007	Chicken 65	90	I1008	French Fries	50	Item ID	Chicken/Veg Rolls	Price Rs./-	I1009	Chicken Roll	70	I1010	Veg Roll	60	Item ID	IceCreams / MilkShakes	Price Rs./-	I1011	Oreo MilkShake	60	I1012	Black Current Cone	35
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Fig. No. 6.29

Vendor's manage items passes if item's id is Valid while modification, it throws above Successful message.

Valid Item Id for Deletion :

MANAGE ITEMS

ITEM ID : <input type="text"/> MENU CATEGORY : <input type="text"/> <input type="button" value="Clear"/> ITEM NAME : <input type="text"/> ITEM PRICE : <input type="text"/> <input type="button" value="Add"/> <input type="button" value="Modify"/> <input type="button" value="Delete"/> <input type="button" value="Save"/>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Item ID</th> <th>Burgers / Sandwichs</th> <th>Price Rs./-</th> </tr> </thead> <tbody> <tr><td>I1003</td><td>Veg Burger</td><td>50</td></tr> <tr><td>I1004</td><td>Chiken Burger</td><td>70</td></tr> <tr><td>I1013</td><td>Veg Sandwich</td><td>50</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Item ID</th> <th>Rice Items</th> <th>Price Rs./-</th> </tr> </thead> <tbody> <tr><td>I1001</td><td>Biriyani</td><td>100</td></tr> <tr><td>I1002</td><td>Veg Fried Rice</td><td>60</td></tr> </tbody> </table> <div style="text-align: center; margin-top: 10px;"> DELETE ITEM do you really want to delete(y/n) ? <input type="button" value="Yes"/> <input type="button" value="No"/> <input type="button" value="Cancel"/> </div>	Item ID	Burgers / Sandwichs	Price Rs./-	I1003	Veg Burger	50	I1004	Chiken Burger	70	I1013	Veg Sandwich	50	Item ID	Rice Items	Price Rs./-	I1001	Biriyani	100	I1002	Veg Fried Rice	60	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Item ID</th> <th>Snacks</th> <th>Price Rs./-</th> </tr> </thead> <tbody> <tr><td>I1005</td><td>KitKat</td><td>20</td></tr> <tr><td>I1006</td><td>Frooti</td><td>10</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Item ID</th> <th>Starters</th> <th>Price Rs./-</th> </tr> </thead> <tbody> <tr><td>I1007</td><td>Chicken 65</td><td>90</td></tr> <tr><td>I1008</td><td>French Fries</td><td>50</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Item ID</th> <th>Chicken/Veg Rolls</th> <th>Price Rs./-</th> </tr> </thead> <tbody> <tr><td>I1009</td><td>Chicken Roll</td><td>70</td></tr> <tr><td>I1010</td><td>Veg Roll</td><td>60</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Item ID</th> <th>IceCreams / MilkShakes</th> <th>Price Rs./-</th> </tr> </thead> <tbody> <tr><td>I1011</td><td>Oreo MilkShake</td><td>60</td></tr> <tr><td>I1012</td><td>Black Current Cone</td><td>35</td></tr> </tbody> </table>	Item ID	Snacks	Price Rs./-	I1005	KitKat	20	I1006	Frooti	10	Item ID	Starters	Price Rs./-	I1007	Chicken 65	90	I1008	French Fries	50	Item ID	Chicken/Veg Rolls	Price Rs./-	I1009	Chicken Roll	70	I1010	Veg Roll	60	Item ID	IceCreams / MilkShakes	Price Rs./-	I1011	Oreo MilkShake	60	I1012	Black Current Cone	35
Item ID	Burgers / Sandwichs	Price Rs./-																																																									
I1003	Veg Burger	50																																																									
I1004	Chiken Burger	70																																																									
I1013	Veg Sandwich	50																																																									
Item ID	Rice Items	Price Rs./-																																																									
I1001	Biriyani	100																																																									
I1002	Veg Fried Rice	60																																																									
Item ID	Snacks	Price Rs./-																																																									
I1005	KitKat	20																																																									
I1006	Frooti	10																																																									
Item ID	Starters	Price Rs./-																																																									
I1007	Chicken 65	90																																																									
I1008	French Fries	50																																																									
Item ID	Chicken/Veg Rolls	Price Rs./-																																																									
I1009	Chicken Roll	70																																																									
I1010	Veg Roll	60																																																									
Item ID	IceCreams / MilkShakes	Price Rs./-																																																									
I1011	Oreo MilkShake	60																																																									
I1012	Black Current Cone	35																																																									

Fig. No. 6.30(a)

MANAGE ITEMS

ITEM ID : <input type="text"/>	MENU CATEGORY : <input type="button" value="Down"/>	Clear																																																											
ITEM NAME : <input type="text"/>	ITEM PRICE : <input type="text"/>	Add																																																											
		Modify	Delete	Save																																																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Item ID</th> <th>Burgers / Sandwichs</th> <th>Price Rs./-</th> </tr> </thead> <tbody> <tr><td>I1003</td><td>Veg Burger</td><td>50</td></tr> <tr><td>I1004</td><td>Chiken Burger</td><td>70</td></tr> <tr><td>I1013</td><td>Veg Sandwich</td><td>50</td></tr> </tbody> </table>		Item ID	Burgers / Sandwichs	Price Rs./-	I1003	Veg Burger	50	I1004	Chiken Burger	70	I1013	Veg Sandwich	50	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Item ID</th> <th>Rice Items</th> <th>Price Rs./-</th> </tr> </thead> <tbody> <tr><td>I1001</td><td>Biryani</td><td>100</td></tr> <tr><td>I1002</td><td>Veg Fried Rice</td><td>60</td></tr> </tbody> </table> <div style="text-align: center; margin-top: 10px;"> DELETE ITEM Item deleted successfully <input type="button" value="OK"/> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Item ID</th> <th>Snacks</th> <th>Price Rs./-</th> </tr> </thead> <tbody> <tr><td>I1005</td><td>KitKat</td><td>20</td></tr> <tr><td>I1006</td><td>Frooti</td><td>10</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Item ID</th> <th>Starters</th> <th>Price Rs./-</th> </tr> </thead> <tbody> <tr><td>I1007</td><td>Chicken 65</td><td>90</td></tr> <tr><td>I1008</td><td>French Fries</td><td>50</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Item ID</th> <th>Chicken/Veg Rolls</th> <th>Price Rs./-</th> </tr> </thead> <tbody> <tr><td>I1009</td><td>Chicken Roll</td><td>70</td></tr> <tr><td>I1010</td><td>Veg Roll</td><td>60</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Item ID</th> <th>IceCreams / MilkShakes</th> <th>Price Rs./-</th> </tr> </thead> <tbody> <tr><td>I1011</td><td>Oreo MilkShake</td><td>60</td></tr> <tr><td>I1012</td><td>Black Current Cone</td><td>35</td></tr> </tbody> </table>			Item ID	Rice Items	Price Rs./-	I1001	Biryani	100	I1002	Veg Fried Rice	60	Item ID	Snacks	Price Rs./-	I1005	KitKat	20	I1006	Frooti	10	Item ID	Starters	Price Rs./-	I1007	Chicken 65	90	I1008	French Fries	50	Item ID	Chicken/Veg Rolls	Price Rs./-	I1009	Chicken Roll	70	I1010	Veg Roll	60	Item ID	IceCreams / MilkShakes	Price Rs./-	I1011	Oreo MilkShake	60	I1012	Black Current Cone	35
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Fig. No. 6.30(b)

Vendor's manage items passes if item's id is Valid while deletion, it throws above Successful message.

Test Case – 07 (Vendor's Manage Orders)

SI NO.	Description	Expected Result	Actual Result	Status
07	Vendor's Manage Orders	View Ordered items	View Ordered items	Pass
		Changing Order Status to ready	Changing Order Status to ready	Pass
		Order key for order id to complete order	Wrong Order key	Fail
		Order key for order id to complete order	Correct Order key	Pass

Table No. 6.7

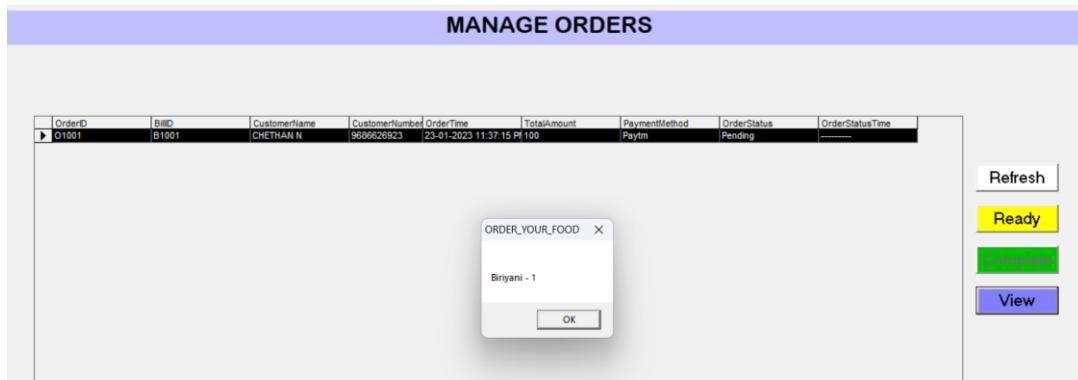
View Ordered Items :

Fig. No. 6.31

Vendor's Manage Orders will pass when vendor clicks on view button , Items of orders will be displayed to the vendors.

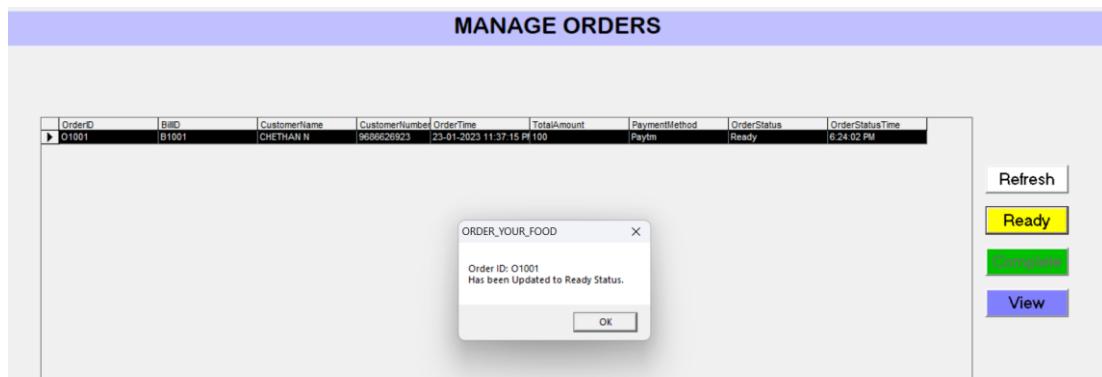
Changing Order Status to ready:

Fig. No. 6.32

Vendor's Manage Orders will passes when vendor clicks on ready button once order is ready for the customer , Order's Status will be Changed to Ready Status.

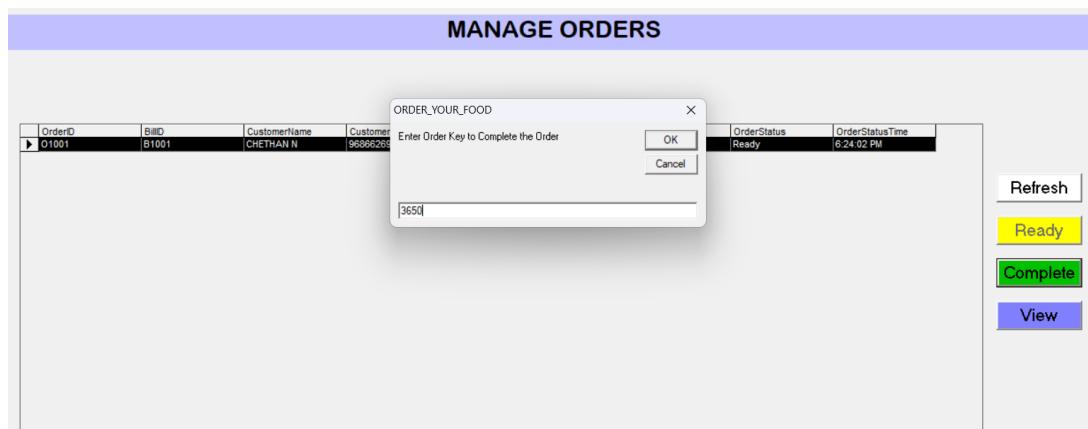
Wrong Order key :

Fig. No. 6.33(a)

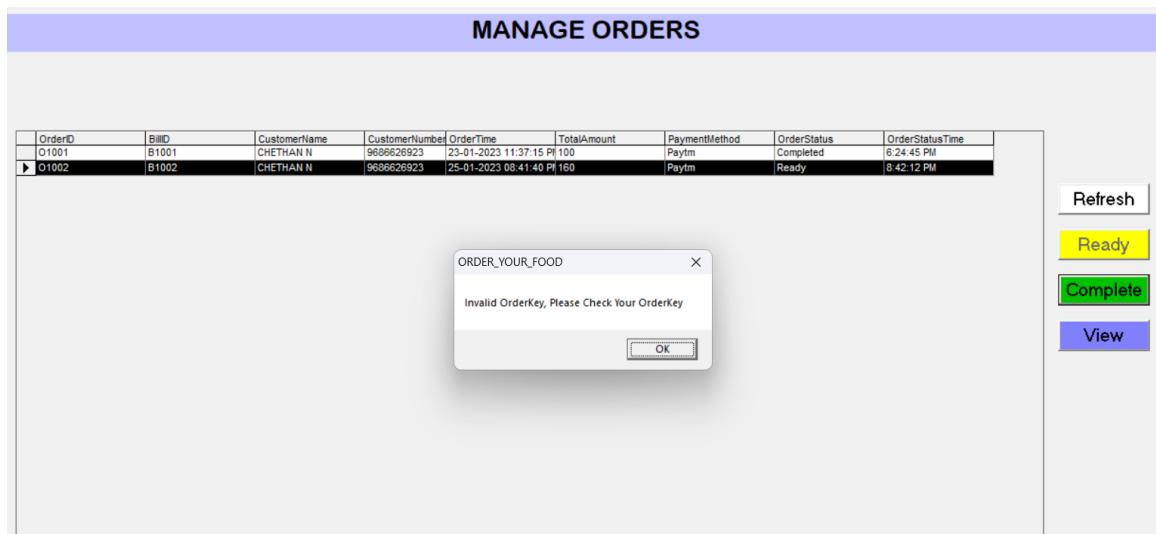


Fig. No. 6.33(b)

Vendor's Manage Orders will fails if given Order Key is invalid , it throws an above message.

Correct Order key :

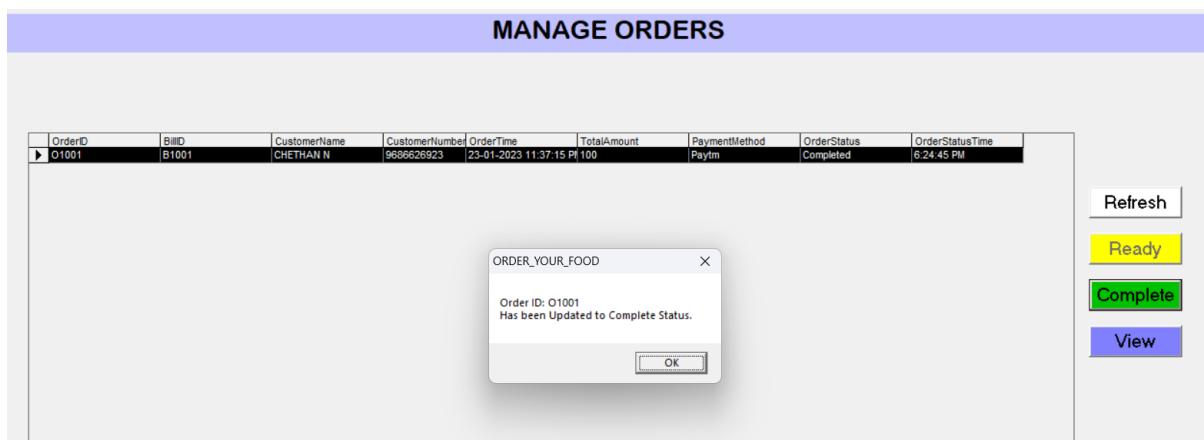


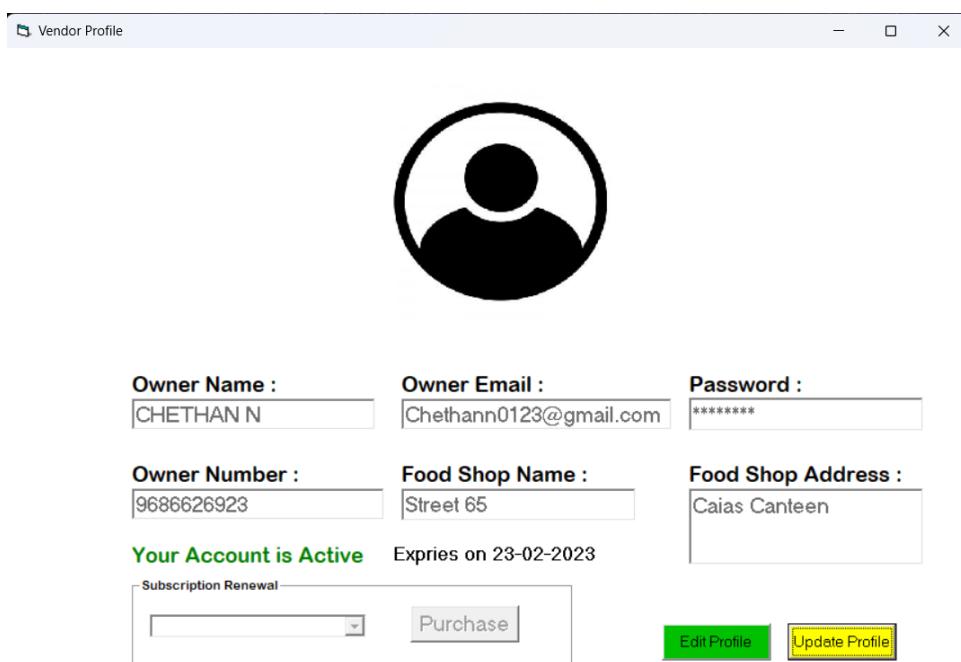
Fig. No. 6.34

Vendor's Manage Orders will passes if given order key is valid , Order's Status will be Changed to Complete Status and feedback link will be sent to customer number and order will be delivered to customer.

Test Case – 08 (Vendor's Profile)

SI NO.	Description	Expected Result	Actual Result	Status
08	Vendor's Profile	Display Account Status	Display Account Status	Pass
		All fields need To be filled for Profile edit	Any empty Field	Fail
		All fields need To be filled for Profile edit	All fields need To be filled for Profile edit	Pass
		Enable Renewal Subscription	Account Status Active	Fail
		Enable Renewal Subscription	Account Status Inactive	Pass

Table No. 6.8

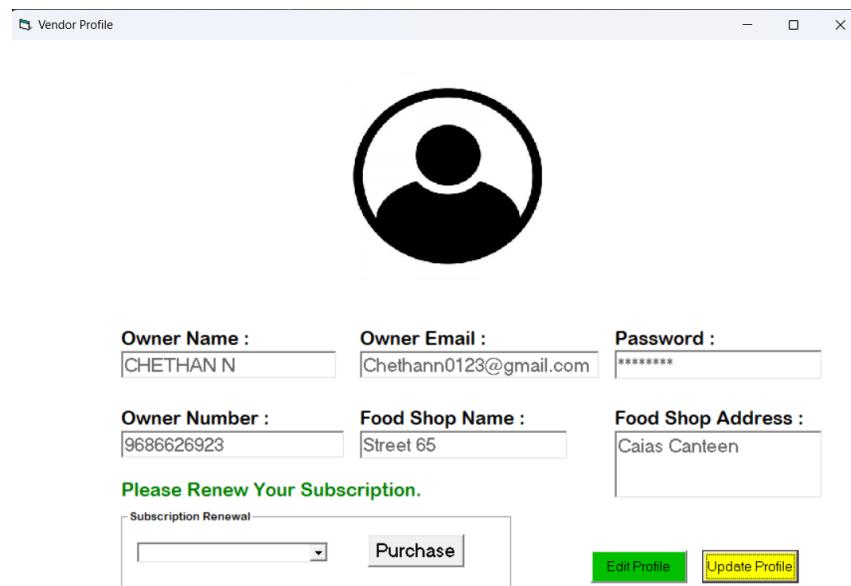
Display Account Status :


The screenshot shows a vendor profile page with the following details:

- Owner Name :** CHETHAN N
- Owner Email :** Chethann0123@gmail.com
- Password :** *****
- Owner Number :** 9686626923
- Food Shop Name :** Street 65
- Food Shop Address :** Caias Canteen
- Your Account is Active** (highlighted in green)
- Expires on 23-02-2023**
- Subscription Renewal** dropdown menu (empty)
- Purchase** button
- Edit Profile** button (green)
- Update Profile** button (yellow)

Fig. No. 6.35(a)

If user account status is Active , vendor profile will be displayed like above.



The screenshot shows a vendor profile page with the following fields:

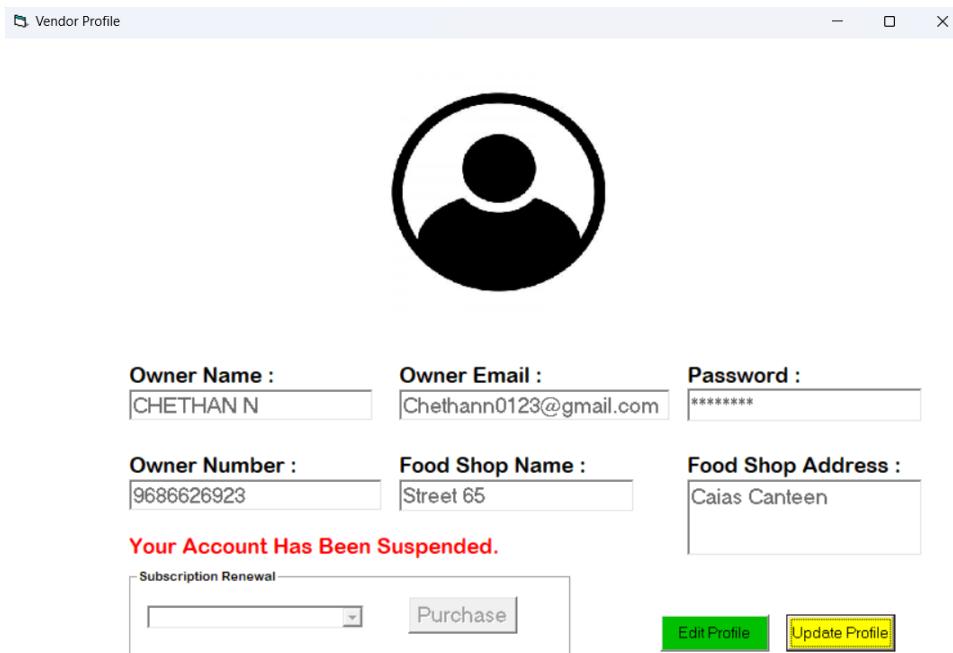
- Owner Name :** CHETHAN N
- Owner Email :** Chethann0123@gmail.com
- Password :** *****
- Owner Number :** 9686626923
- Food Shop Name :** Street 65
- Food Shop Address :** Caias Canteen

A green message at the top says **Please Renew Your Subscription.**

Below the form is a **Subscription Renewal** section with a dropdown menu and a **Purchase** button. At the bottom are **Edit Profile** and **Update Profile** buttons.

Fig. No. 6.35(b)

If user account status is Inactive , vendor profile will be displayed like above.



The screenshot shows a vendor profile page with the following fields:

- Owner Name :** CHETHAN N
- Owner Email :** Chethann0123@gmail.com
- Password :** *****
- Owner Number :** 9686626923
- Food Shop Name :** Street 65
- Food Shop Address :** Caias Canteen

A red message at the top says **Your Account Has Been Suspended.**

Below the form is a **Subscription Renewal** section with a dropdown menu and a **Purchase** button. At the bottom are **Edit Profile** and **Update Profile** buttons.

Fig. No. 6.35(c)

If user account status is Suspended , vendor profile will be displayed like above.

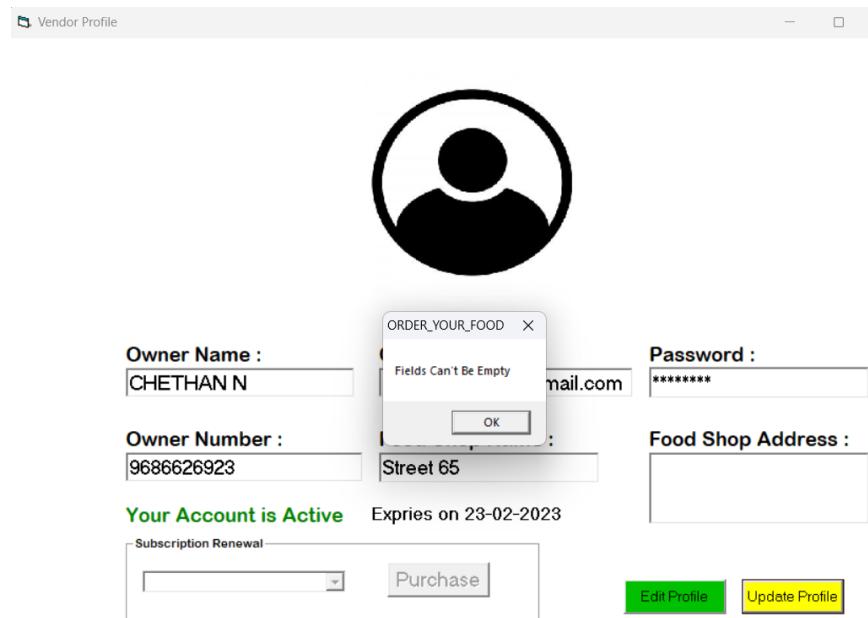
Any empty Fields for profile update :

Fig. No. 6.36

Vendor's Profile will fails if any profile field is empty , it throws an above message.

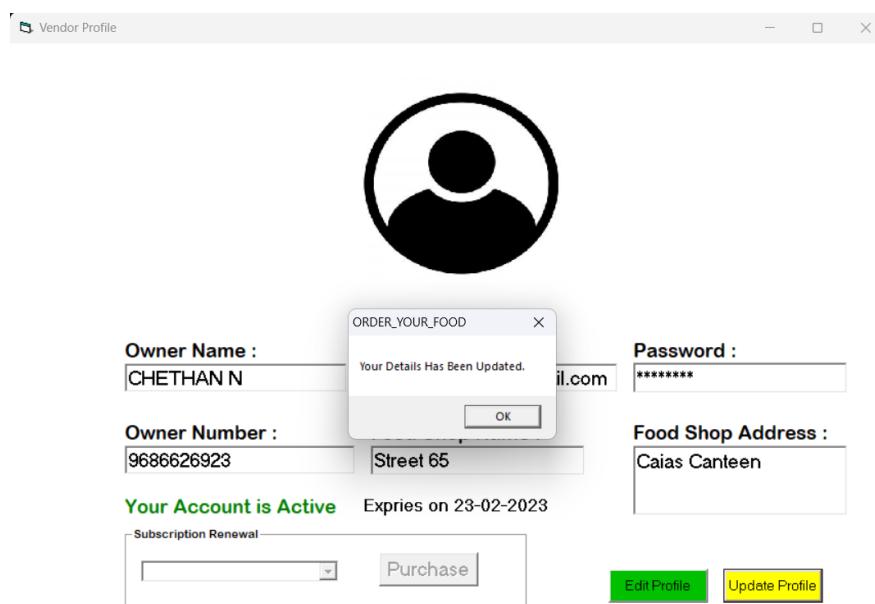
All fields need to be filled for Profile update:

Fig. No. 6.37

Vendor's Profile will passes if any profile field is filled , vendor's profile will be updated and displayed above message.

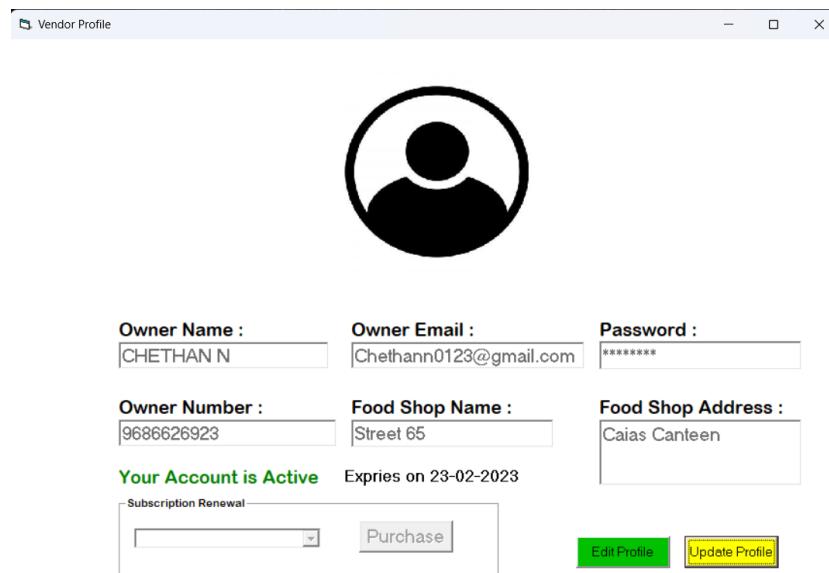
Account Status Active :

Fig. No. 6.38

Subscription Renewal will be disabled if Vendor account is in active Status.

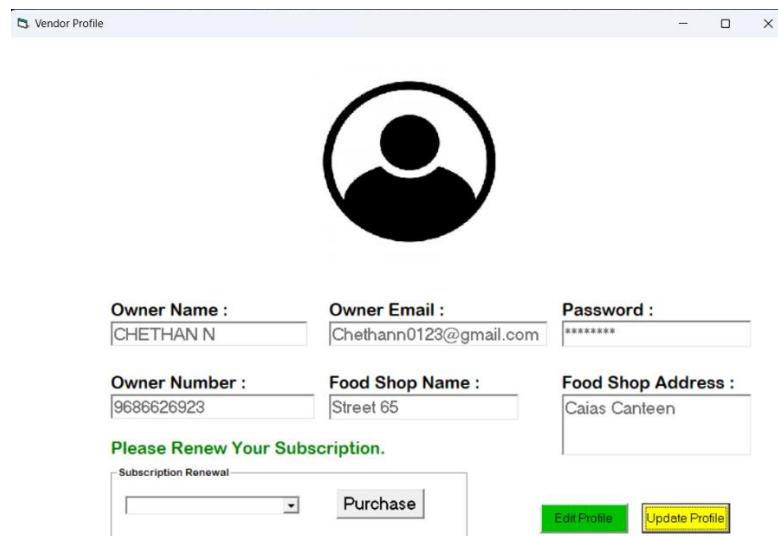
Account Status Inactive :

Fig. No. 6.39

Subscription Renewal will be enabled if Vendor account is in Inactive Status. Vendor can purchase subscription by completing payment and renewal is account.

Test Case – 09 (Vendor's Bills report , Contact us and logout)

SI NO.	Description	Expected Result	Actual Result	Status
		View Bills report	View Bills report	Pass
09	Vendor's Profile	View Customer's feedbacks	View Customer's feedbacks	Pass
		Contact Admin	Contact Admin	Pass
		Logout	Logout	Pass

Table No. 6.9

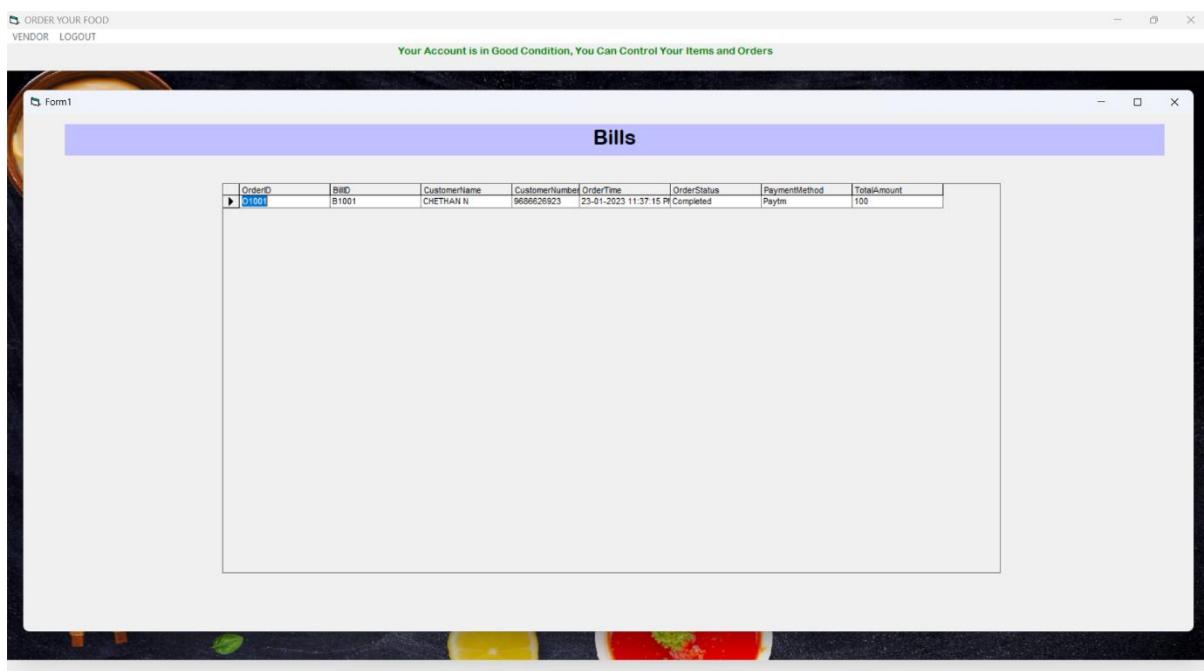
View Bills Report :

Fig. No. 6.40

Vendors can view their orders bills in Bills Report.

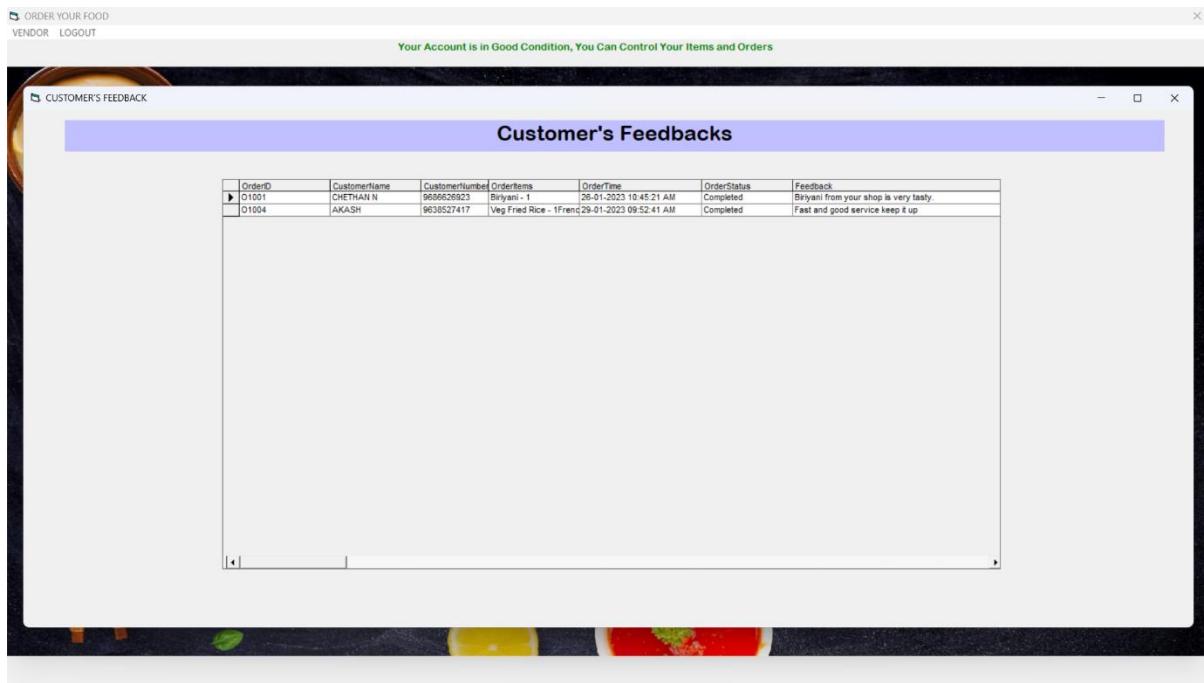
View Customer's Feedback :

Fig. No. 6.41

Vendors can view their orders feedback from customers here.

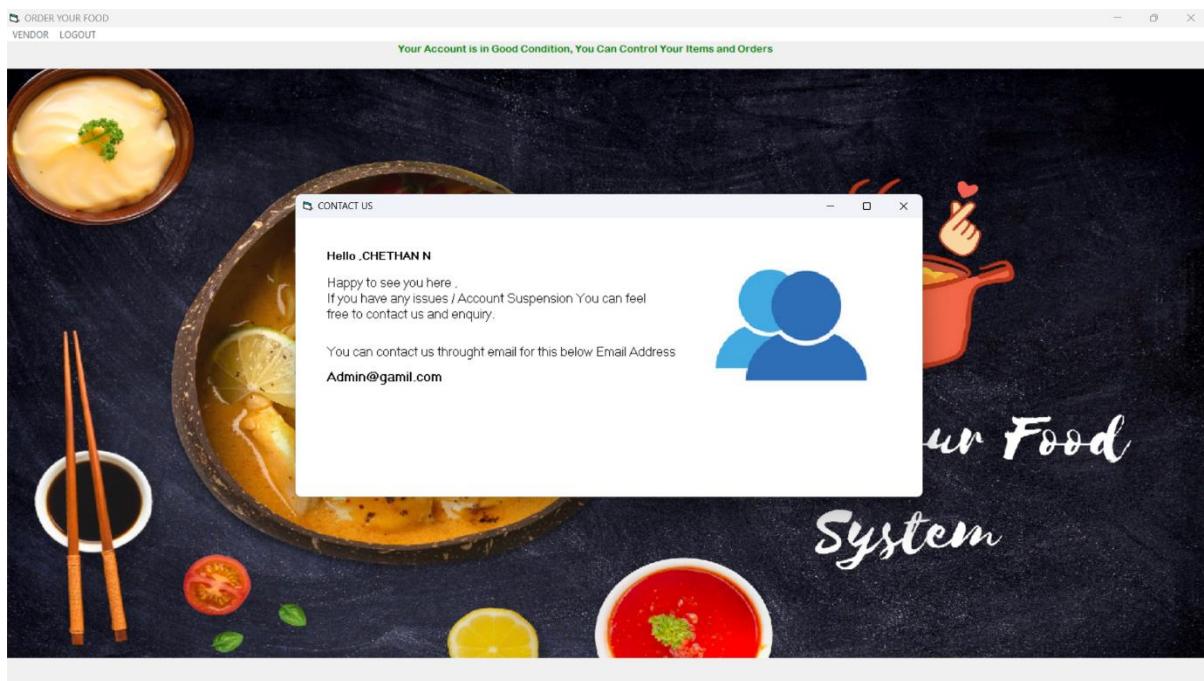
Contact Admin :

Fig. No. 6.42

Vendors can contact admin through displayed admin mail in Contact form.

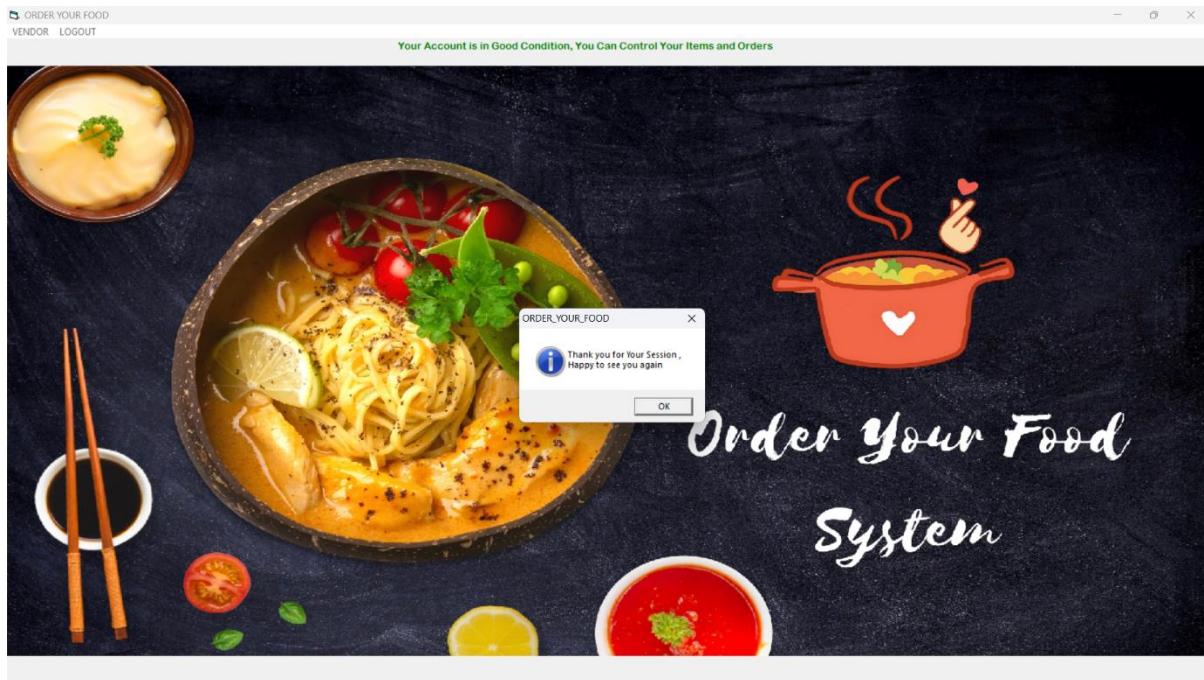
Logout :

Fig. No. 6.43

Vendors can logout by clicking logout tab in dashboard.

Test Case – 10 (Admin's Manage Vendors)

SI NO.	Description	Expected Result	Actual Result	Status
10	Admin's Manage vendors	Valid vendor Id to Search Vendor	Invalid vendor Id	Fail
		Valid vendor Id to Search Vendor	Valid vendor Id	Pass
		Suspend Vendor	Suspend Vendor	Pass
		Re-activate Vendor	Re-activate Vendor	Pass

Table No. 6.10

Invalid vendor Id to Search Vendor :

The screenshot shows the 'MANAGE VENDORS' page. At the top, there are input fields for VendorID, Food Shop Name, Name, Number, Email, Subscription Plan, Plan Created, and Expires on. Below these are buttons for Search, Suspend, and Re-activate. A table displays vendor details. In the center, a modal window titled 'SEARCH VENDOR' contains a red 'X' icon and the message 'Enter Vendor ID is not found'. There is an 'OK' button at the bottom of the modal.

VendorID	OwnerName	OwnerNumber	OwnerEmail	FoodShopName	SubscriptionPlan	SubscriptionCreated	SubscriptionExpiresOn	Status
V1001	CHETHAN N	9686626923	Cheethan0123@gmail.com	Street 65	Rs. 2000/- Per Month	23-01-2023	23-02-2023	Active

Fig. No. 6.44

Admin's manage vendors fails if given vendor Id is invalid to search vendor , it throws an above error message.

Valid vendor Id to Search Vendor :

The screenshot shows the 'MANAGE VENDORS' page with valid input in the fields: VendorID (V1001), Food Shop Name (Cheethan0123@gmail.com), Name (CHETHAN N), Number (9686626923), Email (Cheethan0123@gmail.com), Subscription Plan (Rs. 2000/- Per Month), Plan Created (23-01-2023), and Expires on (23-02-2023). Below these are buttons for Search, Suspend, and Re-activate. A table displays vendor details. The vendor information is now correctly populated in the fields.

VendorID	OwnerName	OwnerNumber	OwnerEmail	FoodShopName	SubscriptionPlan	SubscriptionCreated	SubscriptionExpiresOn	Status
V1001	CHETHAN N	9686626923	Cheethan0123@gmail.com	Street 65	Rs. 2000/- Per Month	23-01-2023	23-02-2023	Active

Fig. No. 6.45

Admin's manage vendors passes if given vendor Id is valid to search vendor , it shows the vendor details in the fields. Now Admin can suspend or Re-activate vendor.

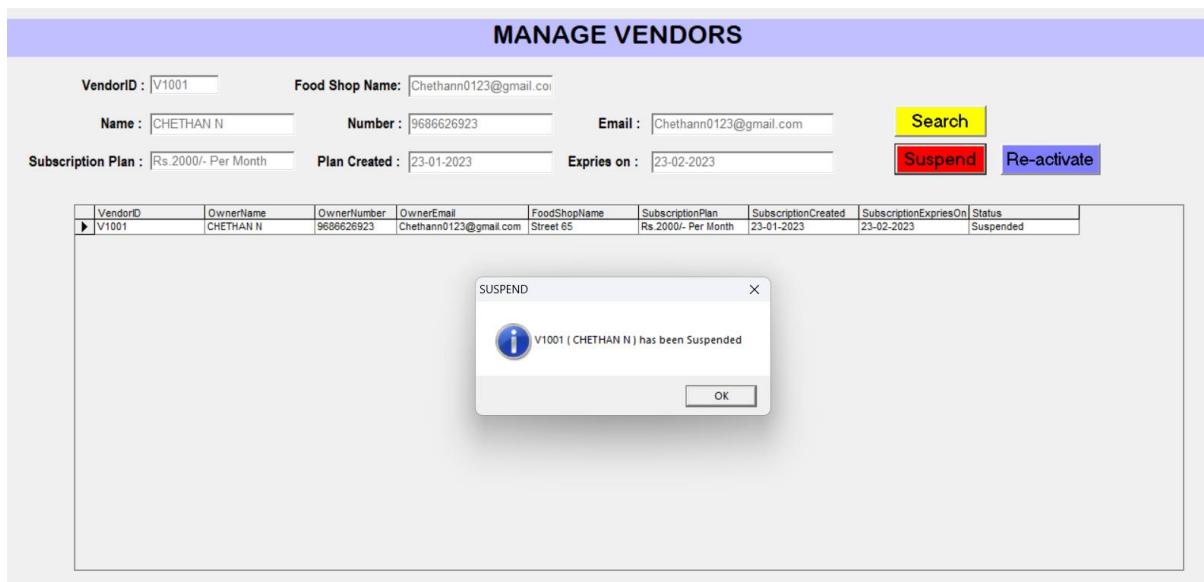
Suspend Vendor :

Fig. No. 6.46

Admin's manage vendors passes when admin click on suspend button , Vendor account status will be changed to suspended status.

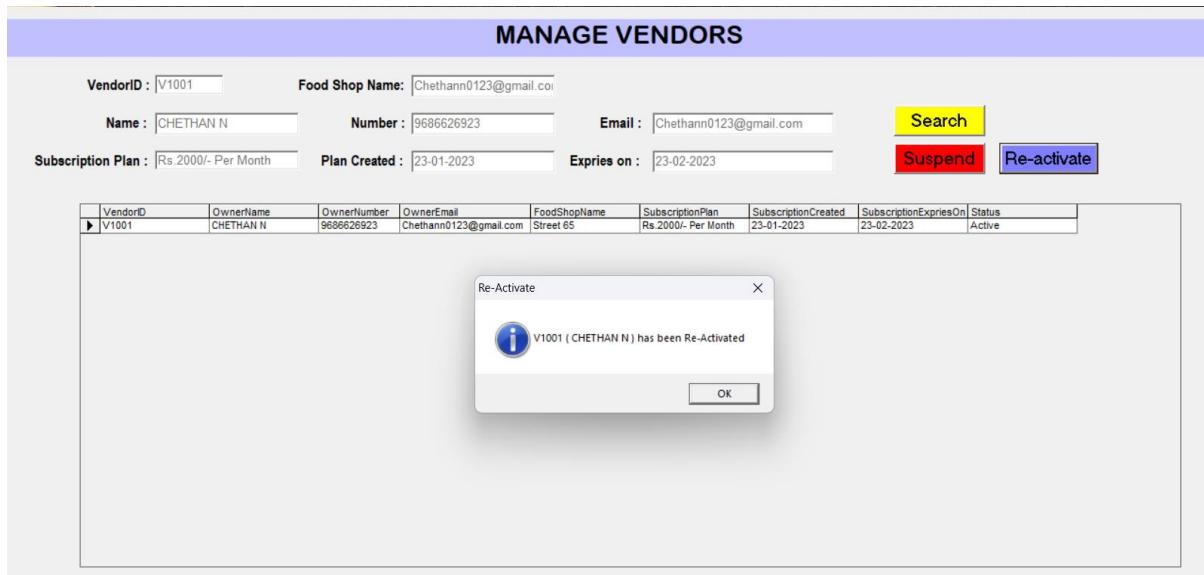
Re-activate Vendor :

Fig. No. 6.47

Admin's manage vendors passes when admin click on Re-activate button , Vendor account status will be changed to Active status.

Test Case – 11 (Admin's Subscription report and logout)

SI NO.	Description	Expected Result	Actual Result	Status
11	Admin's Subscription report and logout	Subscription report	Subscription report	Pass
		Filter Subscription report	Invalid vendor Id	Fail
		Filter Subscription report	Valid vendor Id	Pass
		Refresh Subscription report	Refresh Subscription report	Pass
		Logout	Logout	Pass

Table No. 6.11

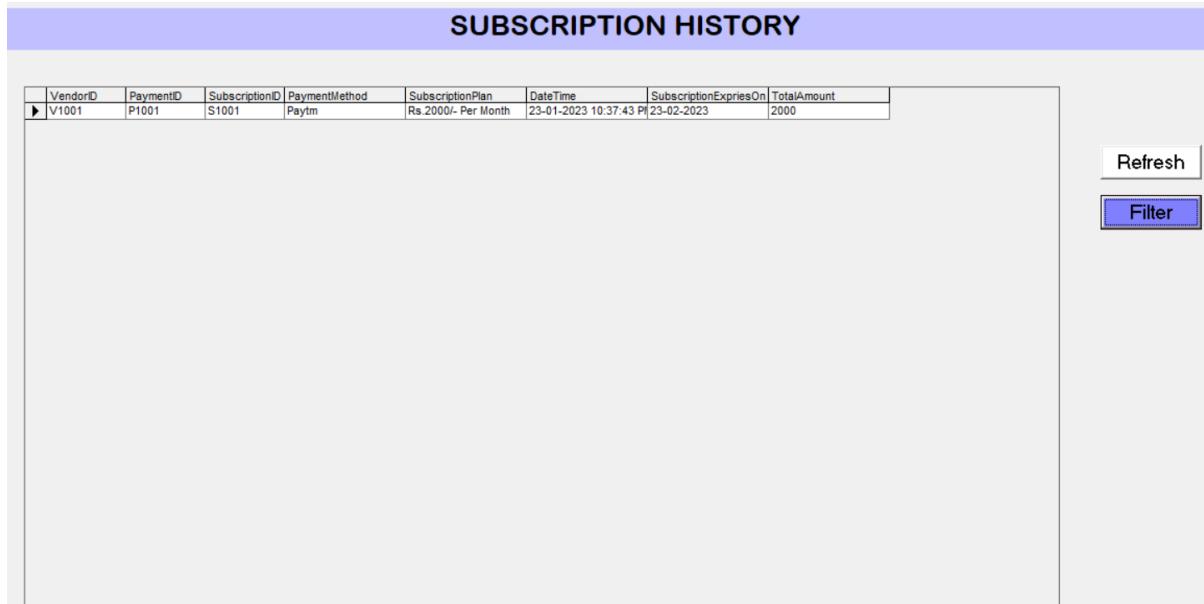
Subscription report :

Fig. No. 6.48

Admin's subscription report passes , it displays all the subscriptions made by all vendors.

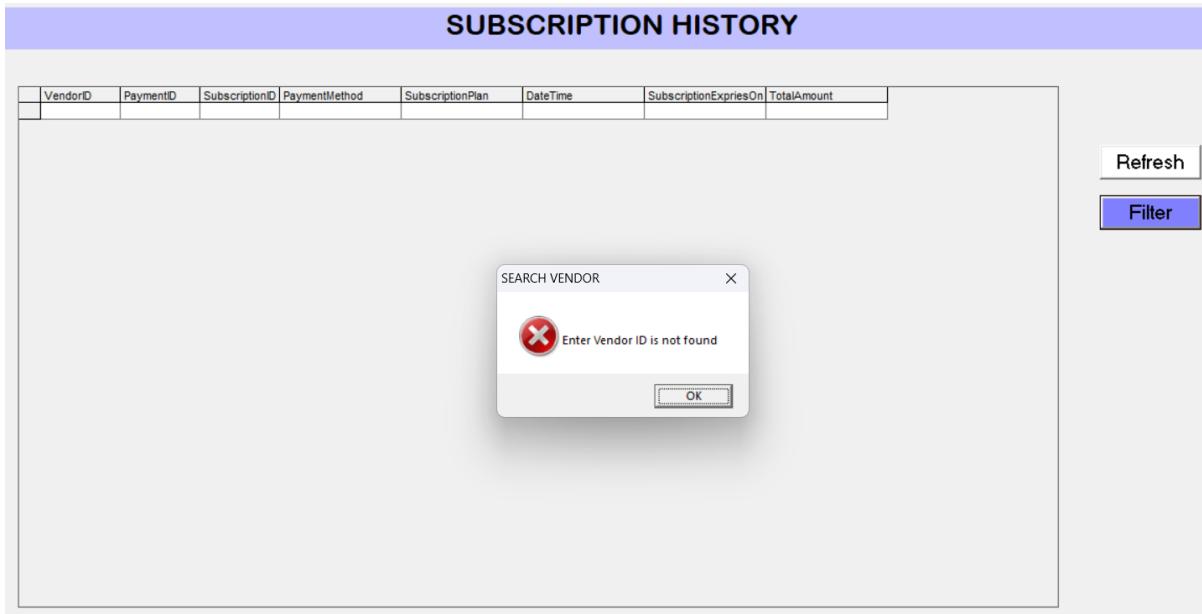
Invalid vendor Id to filter report:

Fig. No. 6.49

Admin's subscription fails if given vendor Id is invalid , it throws an above error message.

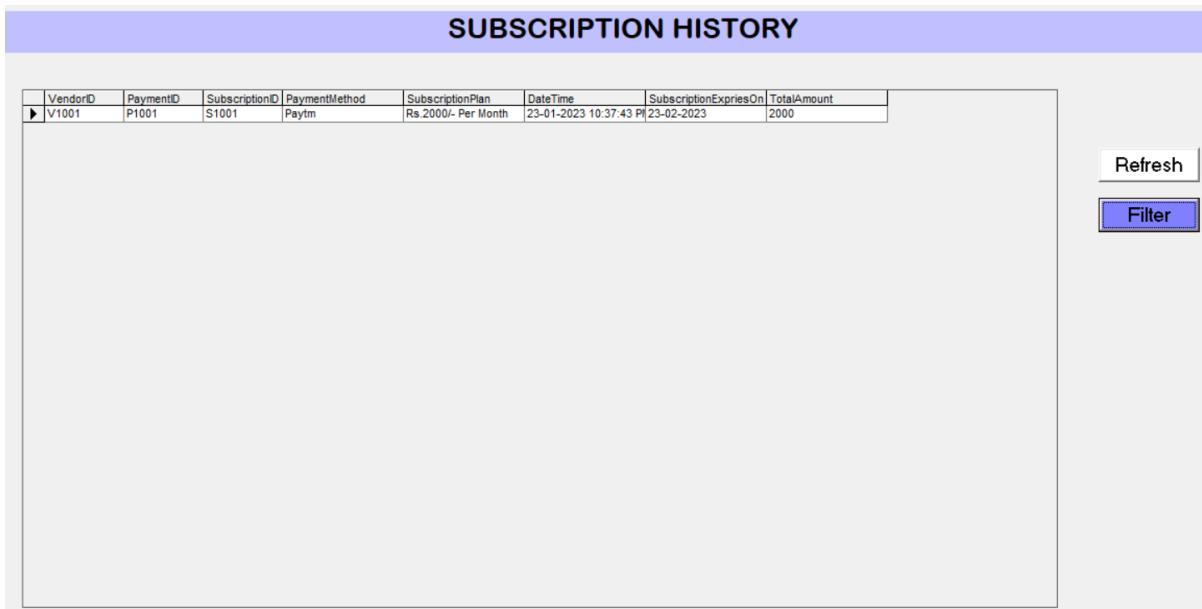
Invalid vendor Id to filter report:

Fig. No. 6.50

Admin's subscription report passes if given vendor Id is valid, it displays all the subscriptions made by individual vendor.

Refresh Subscription report :

SUBSCRIPTION HISTORY								
VendorID	PaymentID	SubscriptionID	PaymentMethod	SubscriptionPlan	DateTime	SubscriptionExpiresOn	TotalAmount	
V1001	P1001	S1001	Paytm	Rs 2000/- Per Month	23-01-2023 10:37:43 PM	23-02-2023	2000	

Fig. No. 6.51

Admin's subscription report passes when admin clicks on refresh button , complete report will be refreshed and display all subscription of all vendors again.

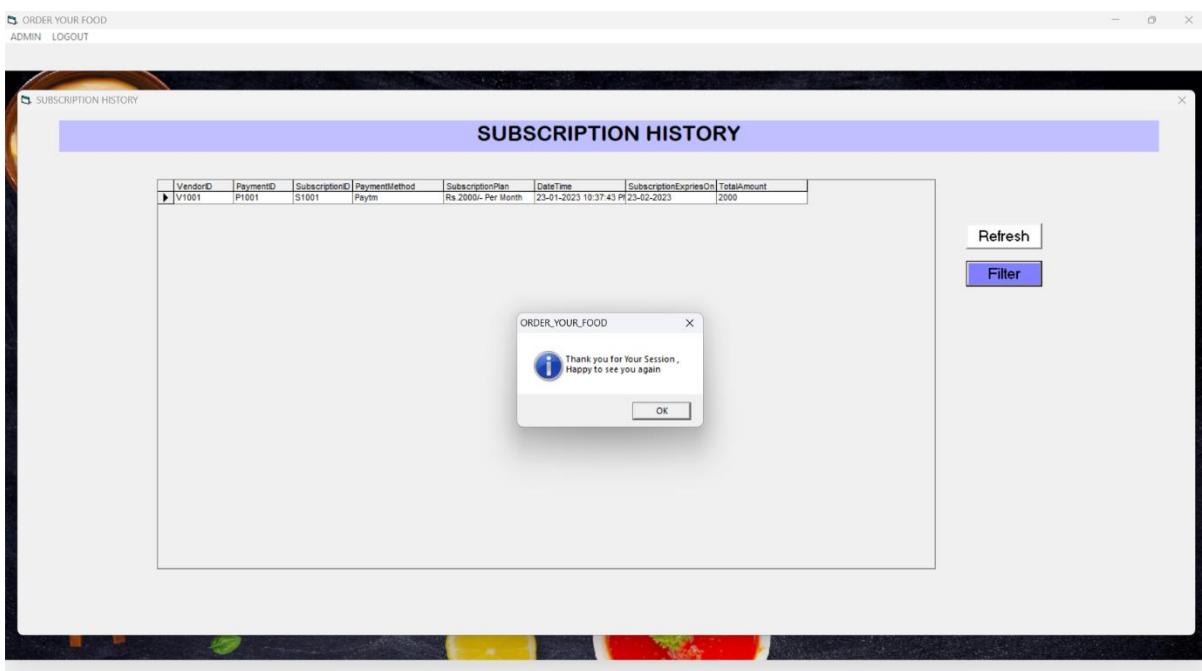
Admin Logout :

Fig. No. 6.52

Admin's logout passes when admin clicks on logout tab in the dashboard.

Test Case – 12 (Customer's Order and Payment)

SI NO.	Description	Expected Result	Actual Result	Status
12	Customer's Order	Name , Number And Order items To be filled	Empty Name or Number	Fail
		Name , Number And Order items To be filled	Invalid Number	Fail
		Name , Number And Order items To be filled	Empty Items	Fail
		Name , Number And Order items To be filled	Name , Number And Order items are filled	Pass
		Contact Admin	Contact Admin	Pass
	Customer's Payment	Select Payment Method and Correct OTP	Payment Method Not selected	Fail
		Select Payment Method and Correct OTP	Wrong OTP	Fail
		Select Payment Method and Correct OTP	Select Payment Method and Correct OTP	Pass
	Customer's Order track	Valid Order Id And Order Key	Invalid Order Id	Fail
		Valid Order Id And Order Key	Invalid Order key	Fail
		Valid Order Id And Order Key	Valid Order Id And Order Key	Pass

Table No. 6.12

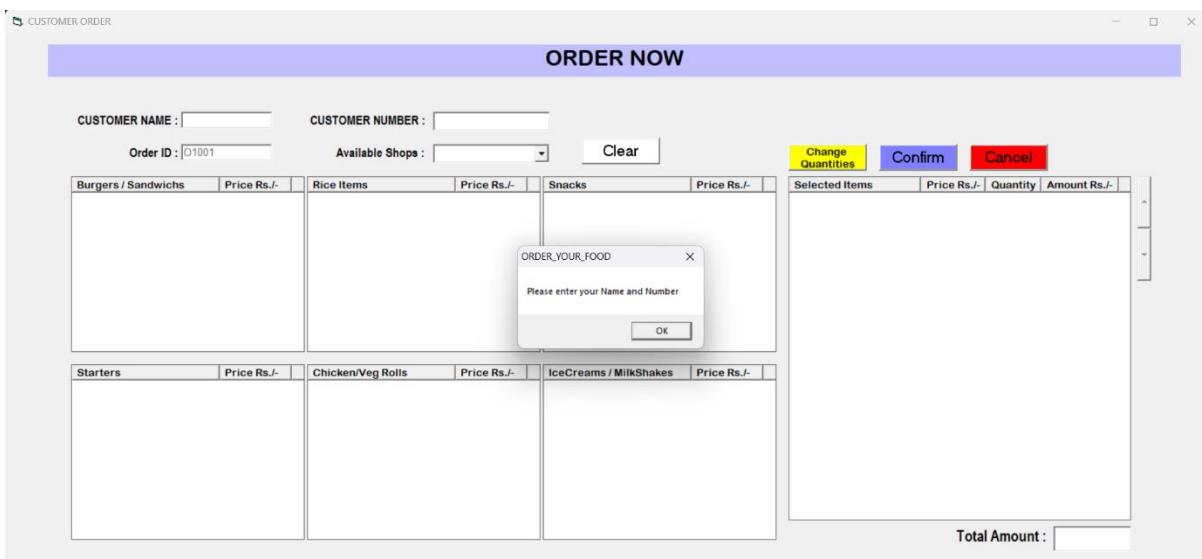
Empty Name or Number :

Fig. No. 6.53

Customer's order fails if customer name or number fields are empty. It throws an above error message.

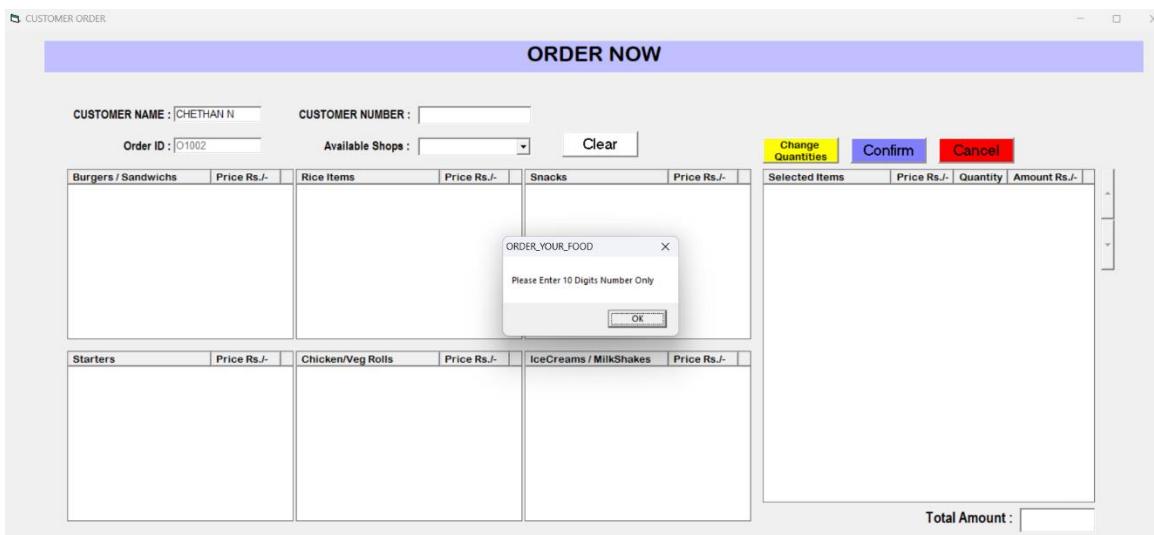
Invalid Number :

Fig. No. 6.54

Customer's order fails if customer number fields is invalid. It throws an above error message.

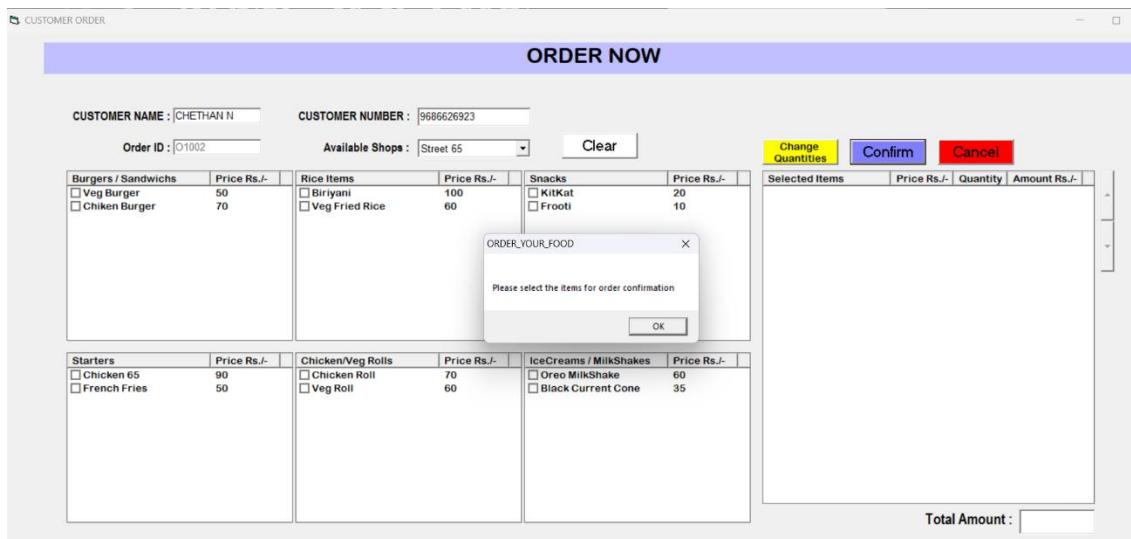
Empty Items :

Fig. No. 6.55

Customer's order fails if items are not selected . It throws an above error message.

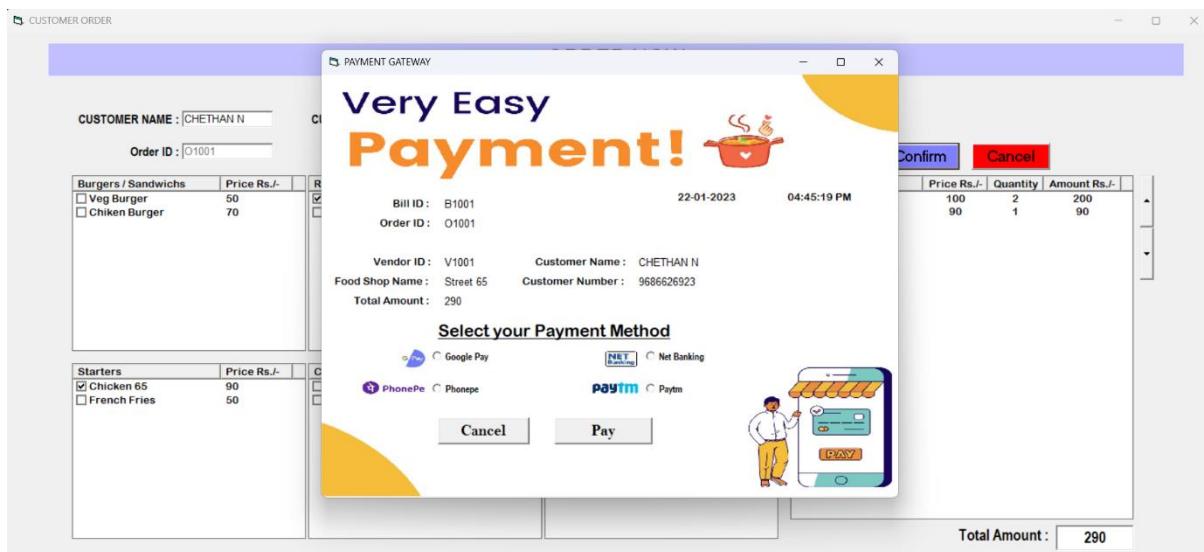
Name , Number and Order items are filled :

Fig. No. 6.56

Customer's order passes if all the details are filled , it redirects to payment gateway for order to place an order.

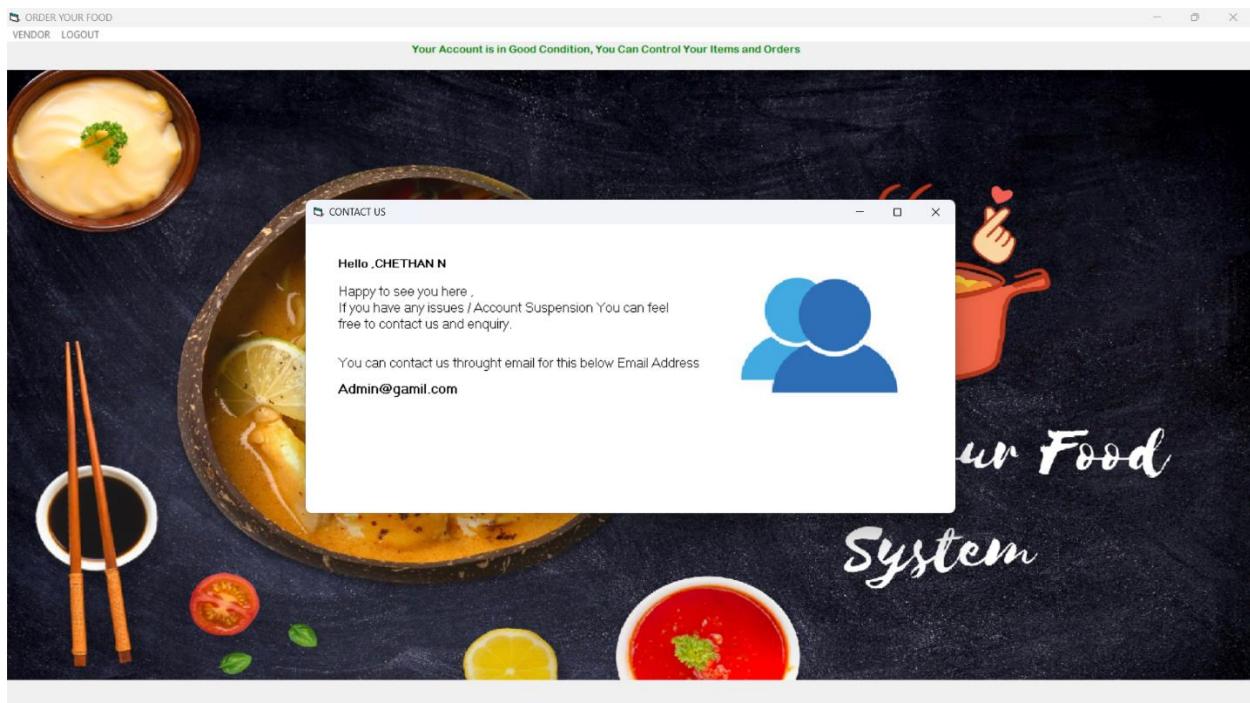
Contact Admin :

Fig. No. 6.57

Customers can contact admin through displayed mail to report / complaints on any vendors or for any enquires.

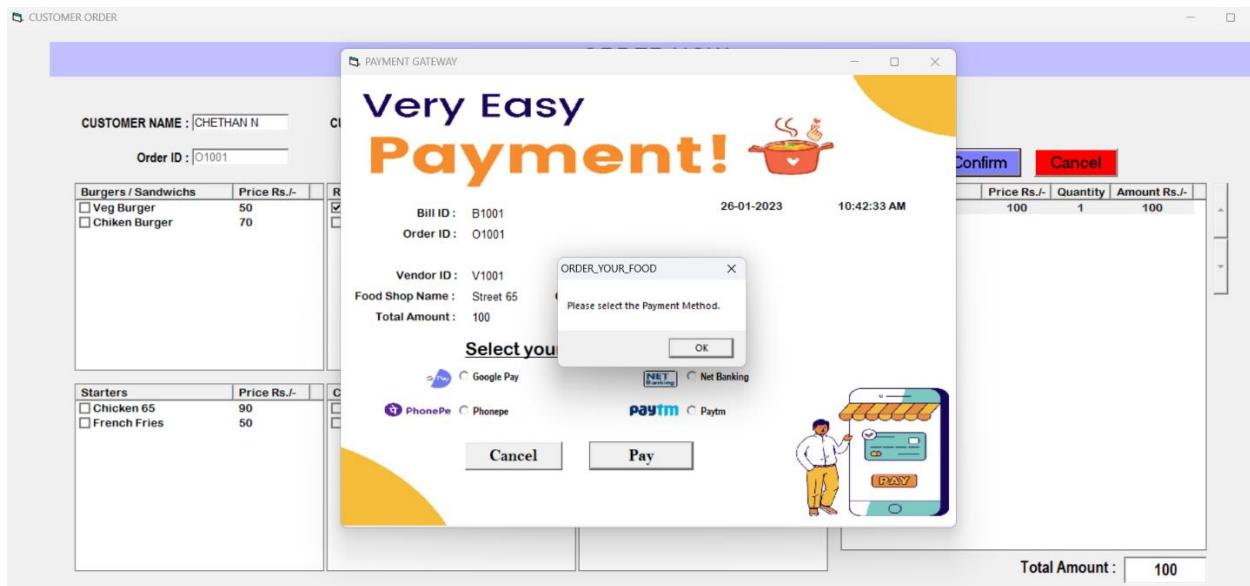
Payment Method Not selected :

Fig. No. 6.58

Vendor's payment fails if payment method is not selected , it throws above error message.

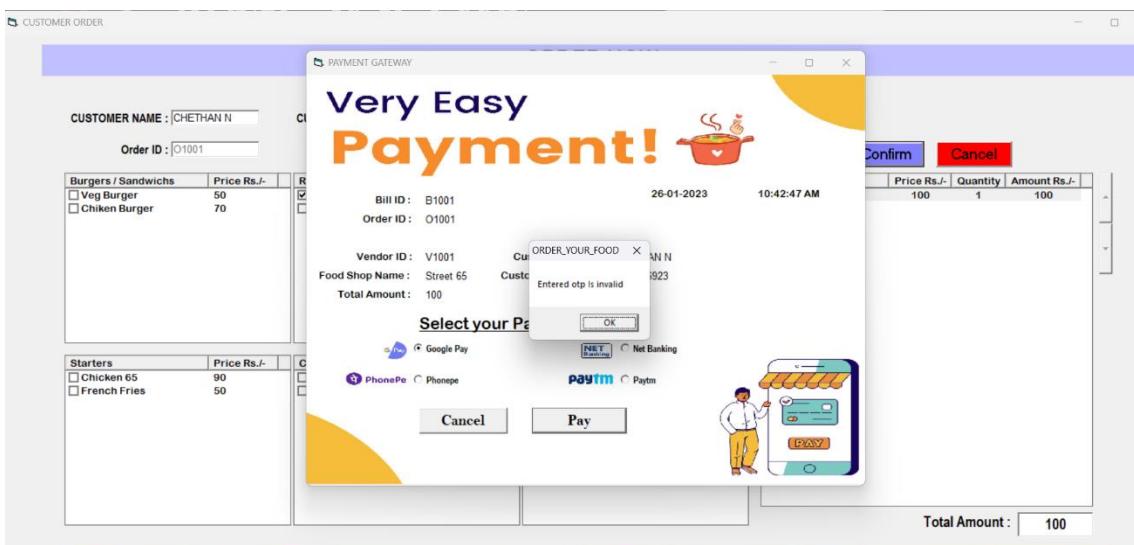
Wrong OTP :

Fig. No. 6.59

Vendor's payment fails if entered OTP is invalid , it throws above error message.

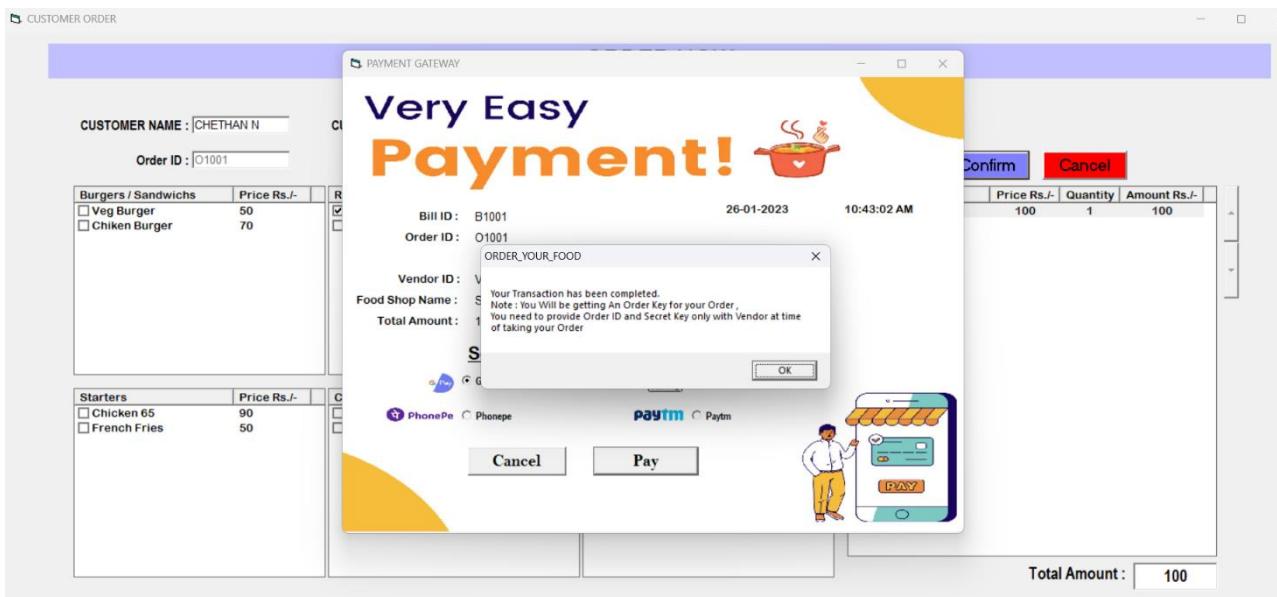
Select Payment Method and Correct OTP :

Fig. No. 6.60(a)

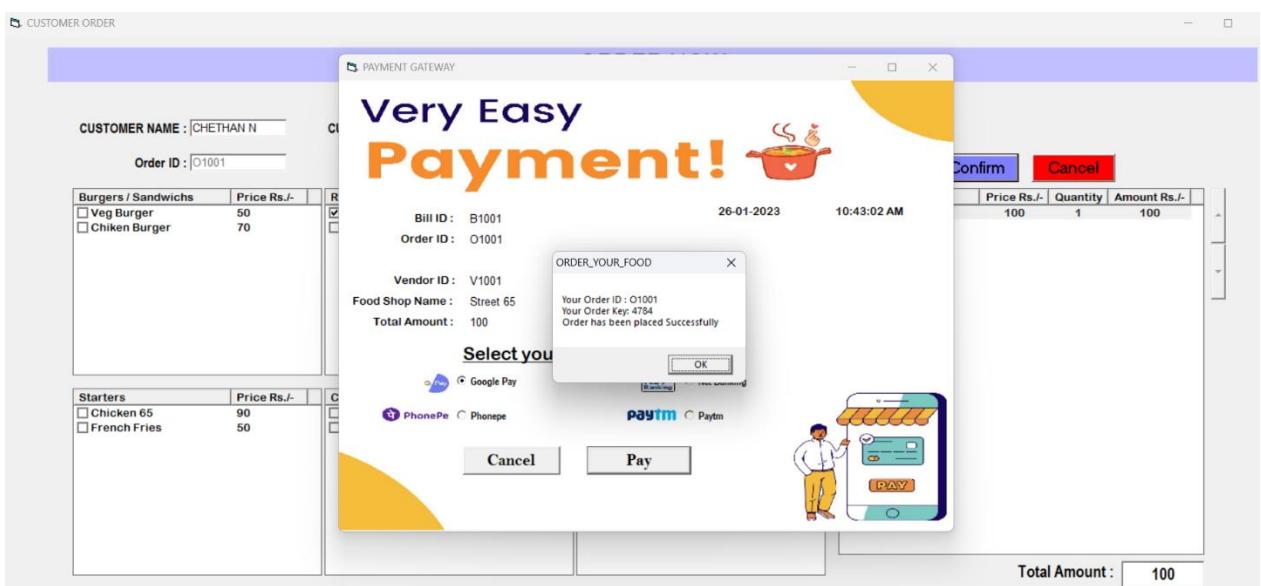


Fig. No. 6.60(b)

Order's bill format :

Order Your Food System			
Bill ID: B1001	Date: 26-01-2023	Time: 10:45:25 AM	
Order Details			
Customer Name: CHETHAN N	Vendor ID: V1001		
Customer Number: 9686626923	Food Shop Name: Street 65		
Order ID: O1001	Food Shop Address:		
Order Key: 3650	Caias Canteen		
Item Names	Price /-	Quantity	Amount /-
Biryani	100	1	100
Total Amount /-	Rs.100 /-		

Fig. No. 6.61

Customer's payment passes if Payment method is selected and Enter Correct OTP , it generates the order bill which contains order details as shown is the above format.

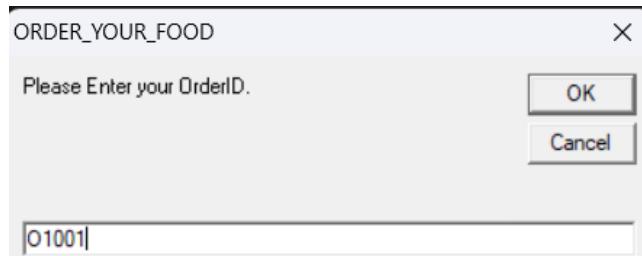
Invalid Order Id for Order track :

Fig. No. 6.62(a)

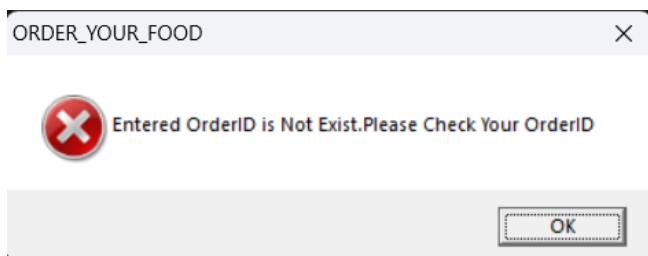


Fig. No. 6.62(b)

Customer's order track fails if the given order Id is invalid, it throws an above error message.

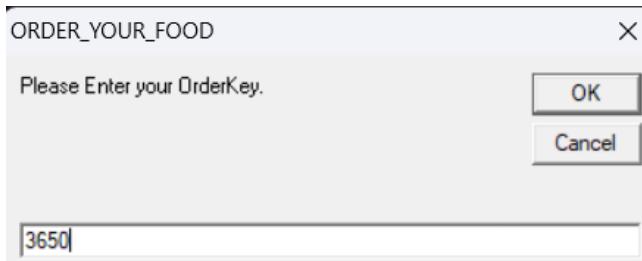
Invalid Order Key for Order track :

Fig. No. 6.63(a)

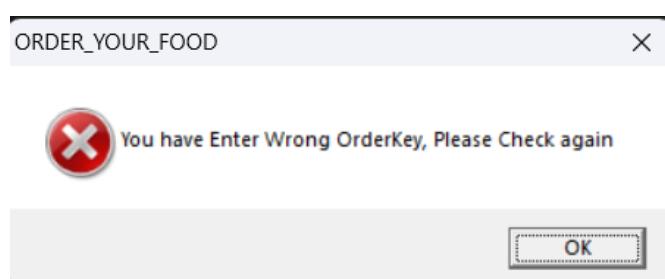


Fig. No. 6.63(b)

Customer's order track fails if the given order Key is invalid, it throws an above error message.

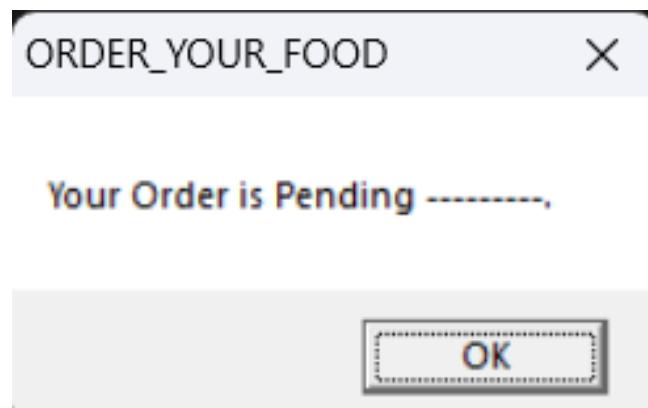
Valid Order Id and Order Key for order track :

Fig. No. 6.64

Customer's order track passes if given order Id and order Key is valid, if order status is in pending then it will show the above message.

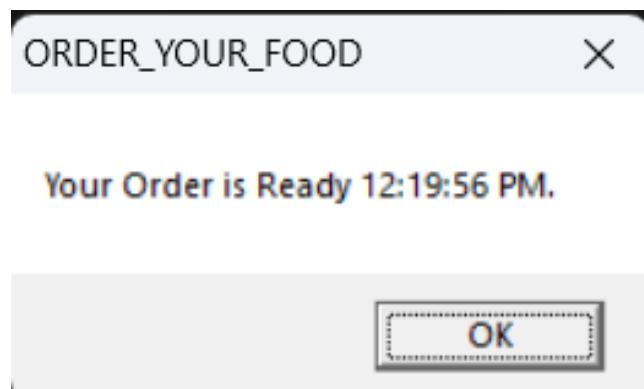


Fig. No. 6.65

Customer's order track passes if given order Id and order Key is valid, if order status is in ready then it will show the above message.

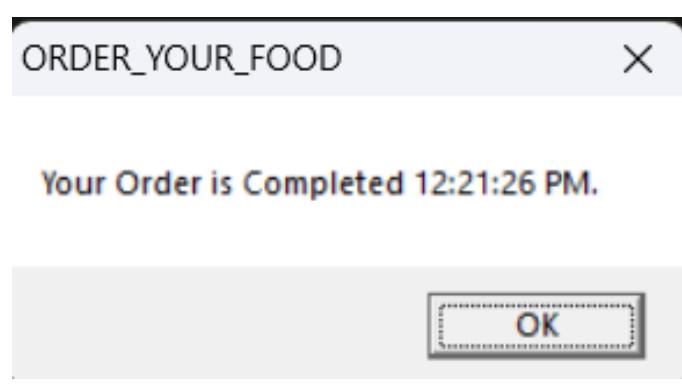


Fig. No. 6.66

Customer's order track passes if given order Id and order Key is valid, if order status is in Completed then it will show the above message.

7. CONCLUSION

In this generation food order delivery applications like Zomato , Swiggy and many more applications are been used world wide. But those application are not used in college canteens Where students need to wait in huge crowd and place their orders and they need to wait to get their orders. Due to this students / staffs also may get late to their classes.

Sometimes Students will skip their meals due to lack of time and huge crowd in canteen. Even the food shop keepers in college canteen will face difficulties to manage huge orders at a time , they will be cheated from students saying they already paid money. Where vendors have to face losses.

To overcome this real time problems for Vendors and Customers Our “FOOD ORDER MANAGEMENT SYSTEM” has been introduced where students can place their orders using Standalone application inside the college. College need to place some smart devices near canteen or each classroom so that students can place orders using this system early and get their orders from vendors when the order is ready.

Vendors can manage the orders and items through this system and vendor can use our system by purchasing subscription instead of paying much salaries to workers.

8. FUTURE ENHANCEMENT

“FOOD ORDER MANAGEMENT SYSTEM” is a standalone application in this project but in upcoming future it can be a web application where the students / staffs / customers can themselves order their food through their smart phone and where they can access this web-application from anywhere and they can check order’s status which can save more time.

Vendors / food shop keepers can also manage their orders easily through their smart phone.

Some of the key features can be added to this project concept are :

- Placing orders through Web-Application using internet.
- SMS Notifications implementation when order’s status changes.
- Example: Order placed successfully ,your order as been ready and your order has been completed.
- Dynamic QR code generation instead of Order key for customer Confirmation.
- Reward points for Customers for using our System to place their orders.
- Submitting note message to vendor regarding item’s specification while placing order.
- Multi payment gateway can be supported through smart phones.
- Real time OTP system implementation.
- Vendors can Add the items photos and their specification in their menus.
- Vendors ID proofs and Details will be collected and stored for security purposes.
- Customers can have individual account for reward points and view their expense reports for their analysis.
- Customers can report / place a complaint on vendors if they are facing any problems for further actions.
- Refund system to be implemented if vendor cancels the order.

9. REFERENCE

- <https://learn.microsoft.com/en-us/office/vba/language/reference/user-interface-help/dateadd-function>
- <https://www.skotechlearn.com/2018/04/how-to-find-and-add-listview-in-toolbox-VB.html>
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