MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

Skills Based Mini Project Report

on

ONLINE SUPERMARKET SYSTEM

Submitted by:

RASHI VERMA

(0901CA211045)

Mentor:

DR. PARUL SAXENA

(ASSISTANT PROFESSOR)

Submitted to:

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE

GWALIOR - 474005 (MP) est. 1957

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MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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CERTIFICATE

This is certified that **RASHI VERMA** (0901CA211045) has submitted the project report titled **ONLINE SUPERMARKET SYSTEM** under the mentorship of **Dr. Parul Saxena** (Assistant Professor)**,** as the skills based mini project in 1st year of Master of Computer Application in Computer Science and Engineering from Madhav Institute of Technology and Science, Gwalior.

Dr. PARUL SAXENA
(ASSITANT PROFESSOR)
Computer Science and Engineering

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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DECLARATION

I hereby declare that the work being presented in this project report, for the fulfilment of partial requirement of the skills based mini project in 1st year of Master of Computer Application in Computer Science and Engineering at Madhav Institute of Technology & Science, Gwalior is an authenticated and original record of my work under the mentorship of **Dr. Parul Saxena,** (Assistant Professor), MITS Gwalior.

I declare that I have not submitted the matter embodied in this report anywhere else.

RASHI VERMA
0901CA211045
2021-2023 Year,
Master of Computer Application,
Computer Science and Engineering

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I am sincerely thankful to my faculty coordinator. I am grateful to the guidance of **Dr. Parul Saxena,** (Assistant Professor), Computer science & Engineering, for her continued support and guidance throughout the project. I am also very thankful to the faculty and staff of the department.

RASHI VERMA
0901CA211045
2021-2023 Year,
Master of Computer Application,
Computer Science and Engineering

ABSTRACT

The Online Shopping is a web-based application intended for online retailers. The main objective of this application is to make it interactive and its ease of use. It would make searching, viewing and selection of a product easier. It contains a sophisticated search engine for users to search for products specific to their needs. The search engine provides an easy and convenient way to search for products where a user can Search for a product interactively and the search engine would refine the products available based on the user's input.The user can then view the complete specification of each product. They can also view the product reviews and also write their own reviews. The application also provides a drag and drop feature so that a user can add a product to the shopping cart by dragging the item in to the shopping cart. The main emphasis lies in providing a user-friendly search engine for effectively showing the desired results and its drag and drop behaviour.

CONTENT

1. INTRODUCTION

Shopping has long been considered a recreational activity by many. Shopping online is no exception. The goal of this application is to develop a web-based interface for online retailers. The system would be easy to use and hence make the shopping experience pleasant for the users.

The goal of this application is -

- To develop an easy-to-use web-based interface where users can search for products, view a complete description of the products and order the products.
- A search engine that provides an easy and convenient way to search for products specific to their needs.
- Drag and Drop feature which would allow the users to add a product to or remove a product from the shopping cart by dragging the product in to the shopping cart or out of the shopping cart.
- A user can view the complete specification of the product along with various images and also view the customer reviews of the product. They can also write their own reviews.

2. OBJECTIVE

There are large numbers of commercial Online Shopping websites offering large number of products tailored to meet the shopping interests of large number of customers. These online marketplaces have thousands of products listed under various categories.

- The basic problems with the existing systems are the non-interactive environment they provide to the users.
- The use of traditional user interfaces which make continuous post backs to the server; each post back makes a call to the server, gets the response and then refreshes the entire web form to display the result.
- A search engine that would display the results without allowing the users to further filter the results based on various parameters.
- Use of traditional and non-user-friendly interfaces that are hard to use.

3. SCOPE

- The current system can be extended to allow the users to create accounts and save products in to wish list.
- The users could subscribe for price alerts which would enable them to receive messages when price for products fall below a particular level.
- The current system is confined only to the shopping cart process. It can be extended to have a easy to use check out process.
- Users can have multiple shipping and billing information saved. During checkout they can use the drag and drop feature to select shipping and billing information.

4. SAMPLE OF CODING AND OUTPUT

```
Option Explicit
Dim money As String
Dim acknow As String
Dim J, I As String
```

Declaration Code

```
Private Sub check_click(Index As Integer)
acknow = Check(Index).Caption
End Sub
```

Mode of Acknowledgement Checkbox Code

```
Private Sub Command1_Click()
Dim I As Integer
I = 0
While I < List1.ListCount
If List1.Selected(I) = True Then
List2.AddItem List1.List(I)
List1.RemoveItem (I)
Else
I = I + 1
End If
Wend
Frame1.Enabled = True
End Sub
```

Select Product Code

```
Private Sub Command2_Click()
Dim k As Integer
I = 0
While I < List2.ListCount
If List2.Selected(I) = True Then
List2.RemoveItem (I)
Else
I = I + 1
End If
Wend
End Sub
```

Cancelled Product Code

```
Private Sub List1_Click()
Command1.Enabled = True
Command2.Enabled = True
End Sub
```

Product List Code

```
Private Sub opt_Click(Index As Integer)
money = Opt(Index).Caption
Command3.Enabled = True
End Sub
```

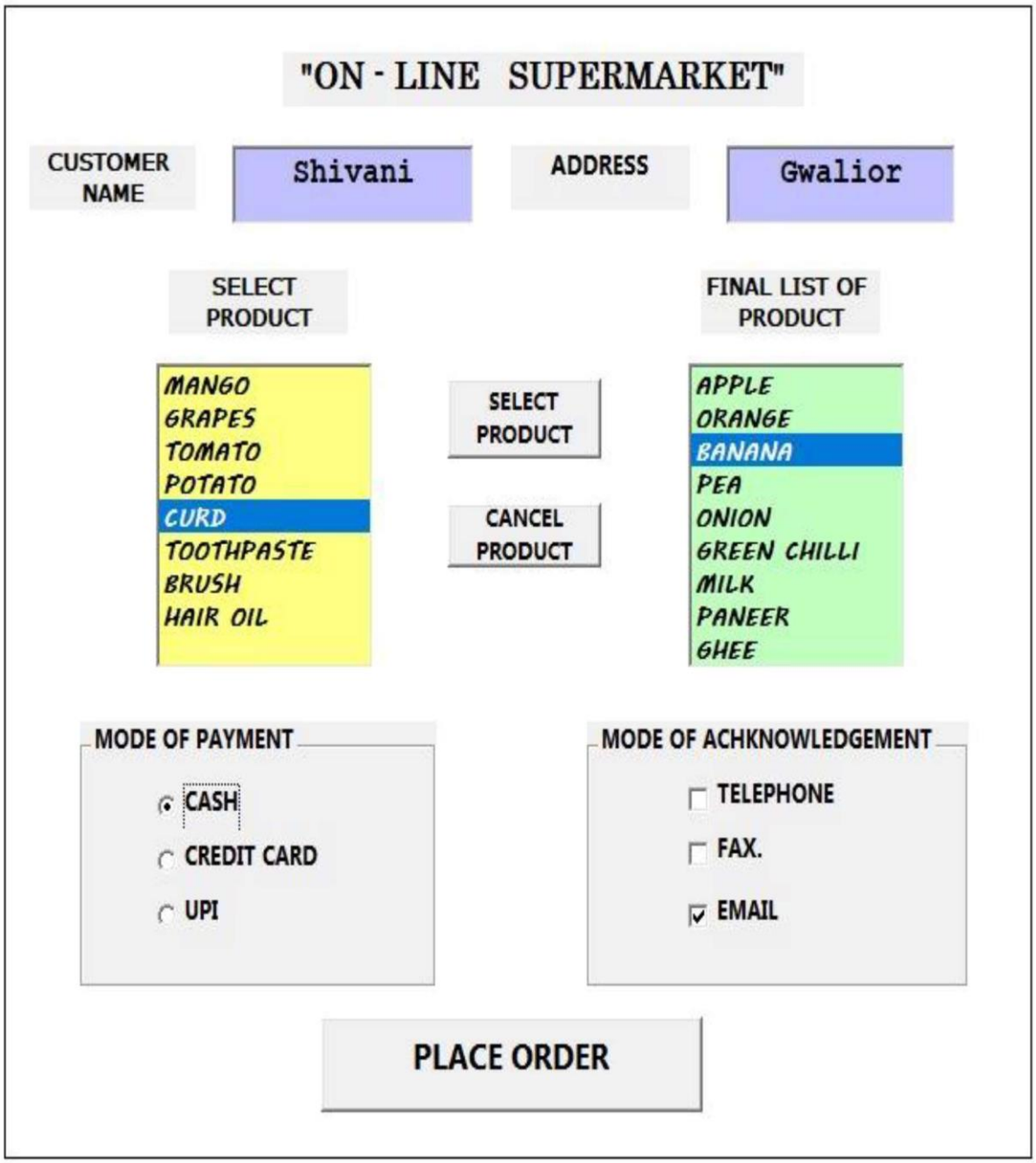
Mode Of Payment Radio Button Code

```
Private Sub Text1_Change()
Text1.SetFocus
End Sub

Private Sub Text1_KeyPress(KeyAscii As Integer)
Text2.SetFocus

End Sub
```

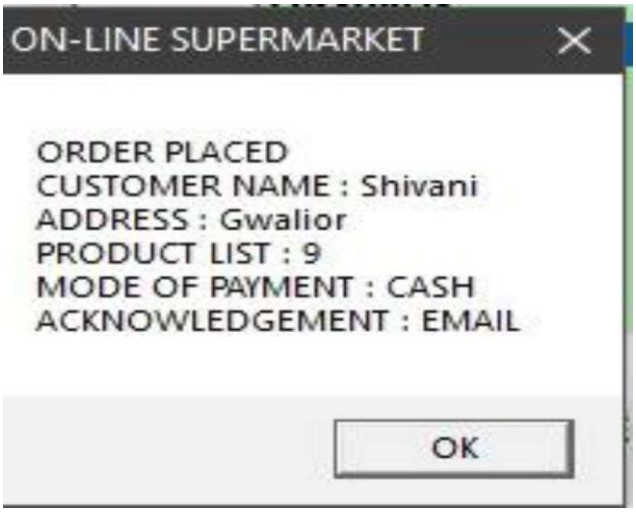
Focus On Text Field Code

```
Private Sub Command3_Click()
Dim message As String
message = "ORDER PLACED" + _
vbCrLf + "CUSTOMER NAME : " & Text1.Text + _
vbCrLf + "ADDRESSS : " & Text2.Text + _
vbCrLf + "PRODUCT LIST : " & List2.ListCount
message = message + vbCr + "MODE OF PAYMENT : " + money + vbCr
For J = 0 To 2
If Check(J).Value = Checked Then message = message + "ACKNOWLEDGEMENT : " + Check(J).Caption + vbCr
Next J
MsgBox message, vbOKOnly, "ONLINE SUPERMARKET "
End Sub
```

Place Order Code



ONLINE SUPERMARKET FORM



FINAL OUTPUT

5. CONCLUSION

The 'Online Shopping' is designed to providea web-based application that would make searching, viewing and selection of a product easier. The search engine provides an easy and convenient way to search for products where a user can Search for a product interactively and the search engine would refine the products available based on the user's input. The user can then view the complete specification of each product. They can also view the product reviews and also write their own reviews. Use of Ajax components would make the application interactive and prevents annoying post backs. Its drag and drop feature would make it easy to use.

6. REFERENCE / BIBLIOGRAPHY

• Visual Basic 6 Programming Book.

• **Teacher: Dr. Parul Saxena**, Assistant Professor