BENGALURU CITY UNIVERSITY

Project Report

On

TEXTILE MANAGEMENT SYSTEM

Submitted in Partial Fulfillment of Requirements of the

Bangalore City University for Award of the Degree in

BACHELOR IN COMPUTER SCIENCE

Under the Guidance of

Prof. SAUMYA RAO

(Assistant Professor in Department of Computer Science)

Submitted By

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Date :...............................

<u>COLLEGE CERTIFICATE</u>

This is to Certify that Students **HOTHURU ESWAR GOWD (S1914867)** and **GURUKIRAN L (S1914865)** of VI Semester BSc has Successfully Completed the Project Work titled **"TEXTILE MANAGEMENT SYSTEM"** at **VIVEKANANDA DEGREE COLLEGE**, Bangalore. In Partial Fulfillment for the Award of bachelor Degree in Computer Science from Bangalore City University During the Academic Year 2021-2022

Dr. VASU   **Prof. Lakshmi Narayana KR**
(Principal)   (Head of Department)
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DECLARATION

I Here By Declare That The Project Entitled "**TEXTILE MANAGEMENT SYSTEM"** Submitted For The BSc Degree is My Original Work and No Part of This Work Has Been Submitted By Any Degree Course or Discipline Of Any Institution Previously.

Signature of the Student

Place : Bangalore

Date :

GUIDE CERTIFICATE

This is to Certify that **HOTHURU ESWAR GOWD (S1914867)** and **GURUKIRAN L (S1914865)** Students of 6th Semester BSc has Successfully Completed the Project Work On "**TEXTILE MANAGEMENT SYSTEM**" at Vivekananda Degree College, Rajajinagar, Bangalore in the Partial Fulfillment for the Award of Degree in Bachelor of Science from Bangalore City University During the Academic Year 2021-2022.

Place : Bangalore

Date :

Prof. SAUMYA RAO
(Assistant Professor)

Department of Computer Science
Vivekananda Degree College

Examiner:

1.

2.

ACKNOWLEDGEMENT

_____

Several Important Factors Contribute to the Success of My Work, I Would Like to Thank All Those Who Helped me to Make This Project a Great Success.

I Would Like to Thank Our Respected **Prof. LAKSHMI NARAYANA** HOD, Dept. of Computer Science, Vivekananda Degree College for Giving all his Support to me Throughout My Project

I Whole Heartedly Express My Thanks to **Prof. SAUMYA RAO** Assistant Professor, Dept. of Computer Science, Vivekananda Degree College for Constructive, Detailed Suggestions and Guidance Which was a Source of Inspiration Throughout the Successful Development of My Project.

HOTHURU ESWAR GOWD

GURUKIRAN L

CONTENTS

TEXTILE MANAGEMENT SYSTEM

INTRODUCTION :

"TEXTILE MANAGEMENT SYSTEM" is Developed Using VISUAL BASIC 6.0 as Front End and ORACLE as Back End for GE GARMENTS. Textile Management System is Software for Textile Industries, Which Aimed to Reduce the Work Load in the Textile Industry. This Company Deals with Production of Textile Goods. This Project Aims at to Monitor all Process in the Company, Like Order Receiving and Purchase of Materials and Billing. As these Works are Done Manually at the Company at Present it Takes a Lot of Time to Complete the Work. The Textile System we are Designing that helps the Textile Company to Handle those task that had been Handled Manually. Textile Fibers Provided an Integral Component in Modern Society and Physical Structure known for Human Comfort and Sustainability. Man is a Friend of Fashion in Nature. The Desire for Better Garment and Apparel Resulted in the Development of Textile Fiber Production and Textile Manufacturing Process. The Textile Management System is End User Application Software.

OBJECTIVE :

The Main Goal of This Project is to Reduce Manual Work, Increase the Processing Speed and Ensure Reliability of Data. All Process Needed for the Textile Management is Recorded for Providing Good Information to the Concern. Various Reports are Generated Based on the Requirement. Based on Reports the Management Will Know the Current Position of The Company.

This Application Will Reduce Calculation and Therefore, Data Accuracy is Maintained. This Makes the Software Flexible to Use. Hence Data can be Accessed Easily and Randomly, This Saves a Lot of Time.

SCOPE :

This Document Plays a Vital Role in the Development Life Cycle and it Describes the Complete Requirement of the System. It is Meant for Use by the Developers and Will be the Basic During Testing Phase. Any Changes Made to the Requirements in the Future will have to go through Formal Change Approval Process. The Intention of the Developing Textile Management System is to Generate the Desired Reports Automatically at the End of the Session or in Between of the Session as they Require.

SYSTEM STUDY :

EXISTING SYSTEM

- The System, Which is Followed at Present, is a Manual System. Important Drawback of Existing System is Time Factor. It will not Help the Management to Solve the Problem in Time.

- In Existing System, There are Various Problems Like Keeping Records of Items, Prices of Per Textile Materials and Fixing Bill Generation on each Bill.

LIMITATIONS OF THE EXISTING SYSTEM

- As the Work is Manual it Consumes Lot of Time and Energy. Records of

the Customers are not Maintained.

- Since the System is Manual, Report Creation Takes lots of Time to Process.

- As the Calculations are Done Manually there is Possibility of Incorrect Calculation Resulting in Incorrect Information.

- No Security has been Provided to the Data.

- Frequent Occuurence of error.

- Calculations are Difficult.

- Need lots of Manpower.

PROPOSED SYSTEM

The Drawbacks, Which are Faced During Existing System can be Eradicated by using the Proposed System. The Main Objective of the Existing System is to Provide an Electronic User-Friendly Interface. The System which is Proposed, Now Computerizes all the Details that are Maintained Manually. Once the Details are Added into the Computer there is No Need for Various Persons to Deal with Separate Sections. Only a Single Person is Enough to Maintain all the Reports.

BENEFITS OF THE PROPOSED SYSTEM

- Security to the Data is Provided by means of Login Form. Only Authorized Users can have Access to the System.

- Large Volumes of Data can be Stored with Case.

- Maintenance of File is Flexible.

- Records Stored are Updated Now and Then.

- Stored Data & Procedures can be Easily Edited.

- Accurate Calculations are Made.

- Reports can be Generated with Case.

- Less Manpower Required.

ORACLE TABLES

Admin Login Table

ATTRIBUTE NAME	TYPE	SIZE
USERNAME	VARCHAR	30
PASSWORD	VARCHAR	30

Cart Table

ATTRIBUTE NAME	TYPE	SIZE
ORDER NUMBER	NUMBER	30
PRODUCT ID	VARCHAR	30
QUANTITY	NUMBER	30
PRICE	NUMBER	30
NAME	VARCHAR	30

SYSTEM IMPLEMENTATIONS

HARDWARE REQUIREMENTS

Processor   : DUAL CORE PROCESSOR

Hard Disk   : 500 GB

RAM   : 2GB

SOFTWARE REQUIREMENTS

Operating System : WINDOWS 7

Front End   : MICROSOFT VISUAL BASIC 6.0

Back End   : ORACLE

CODING :

Form 1
```
Private Sub Command1_Click()
Form2.Show
End Sub
```

Form 2
```
Dim cn As New ADODB.Connection
Dim rslogin As New ADODB.Recordset

Private Sub Command1_Click()
If TXTusername.Text = " " Or TXTpassword.Text = " " Then
MsgBox "ENTER DETAILS"
Else
If rslogin.State Then
rslogin.Close
End If
rslogin.Open "select * from login where password = '" & TXTpassword.Text & "' and username
= '" & TXTusername.Text & "'", cn, adOpenDynamic, adLockOptimistic
If rslogin.EOF Then
MsgBox "UNSUCCESSFUL"
Else
MsgBox "SUCCESSFUL"
MDI.Show
End If
End If
End Sub

Private Sub Form_Load()
cn.Open ("Provider=MSDAORA.1;User ID=system;password = vdc123;Persist Security
Info=False")
End Sub

Private Sub Label5_Click()
Form1.Show
End Sub
```

Form 3

```
Dim cn As New ADODB.Connection
Dim rs As New ADODB.Recordset


Private Sub Command1_Click()
MDI.Show
End Sub


Private Sub Form_Load()
cn.Open ("Provider=MSDAORA.1;User ID=system;password = vdc123;Persist Security
Info=False")
rs.Open "select * from cart order by order_number", cn, adOpenDynamic, adLockOptimistic
Label17.Caption = MDI.orderno
End Sub


Private Sub Label12_Click()
cn.Execute "insert into cart values (" & Label17.Caption & " , '" & Label11.Caption & "' ," &
Val(Text3.Text) & ", " & Label10.Caption & ",'" & Label9.Caption & "' )"
MsgBox "Added to cart"
End Sub


Private Sub Label16_Click()
cn.Execute "insert into cart values (" & Label17.Caption & " , '" & Label15.Caption & "' ," &
Val(Text4.Text) & ", " & Val(Label14.Caption) & ",'" & Label13.Caption & "' )"
MsgBox "Added to cart"
End Sub


Private Sub Label4_Click()
cn.Execute "insert into cart values (" & Label17.Caption & " , '" & Label2.Caption & "' ," &
Val(Text1.Text) & ", " & Val(Label3.Caption) & ",'" & Label1.Caption & "' )"
MsgBox "Added to cart"
End Sub


Private Sub Label8_Click()
cn.Execute "insert into cart values (" & Label17.Caption & " , '" & Label7.Caption & "' ," &
Val(Text2.Text) & ", " & Val(Label6.Caption) & ",'" & Label5.Caption & "' )"
MsgBox "Added to cart"
End Sub
```

Form 4

```
Dim cn As New ADODB.Connection
Dim rs As New ADODB.Recordset


Private Sub Command1_Click()
MDI.Show
End Sub


Private Sub Form_Load()
cn.Open ("Provider=MSDAORA.1;User ID=system;password = vdc123;Persist Security
Info=False")
rs.Open "select * from cart order by order_number", cn, adOpenDynamic, adLockOptimistic
Label21.Caption = MDI.orderno
End Sub


Private Sub Label12_Click()
cn.Execute "insert into cart values (" & Label21.Caption & " , '" & Label11.Caption & "' ," &
Val(Text3.Text) & ", " & Val(Label10.Caption) & ",'" & Label9.Caption & "' )"
MsgBox "Added to cart"
End Sub


Private Sub Label16_Click()
cn.Execute "insert into cart values (" & Label21.Caption & " , '" & Label15.Caption & "' ," &
Val(Text4.Text) & ", " & Val(Label14.Caption) & ",'" & Label13.Caption & "' )"
MsgBox "Added to cart"
End Sub


Private Sub Label20_Click()
cn.Execute "insert into cart values (" & Label21.Caption & " , '" & Label19.Caption & "' ," &
Val(Text5.Text) & ", " & Val(Label18.Caption) & ",'" & Label17.Caption & "' )"
MsgBox "Added to cart"
End Sub


Private Sub Label4_Click()
cn.Execute "insert into cart values (" & Label21.Caption & " , '" & Label3.Caption & "' ," &
Val(Text1.Text) & ", " & Val(Label2.Caption) & ",'" & Label1.Caption & "')"
MsgBox "Added to cart"
End Sub
```

```
Private Sub Label8_Click()
cn.Execute "insert into cart values (" & Label21.Caption & " , '" & Label7.Caption & "' ," &
Val(Text2.Text) & ", " & Val(Label6.Caption) & ",'" & Label5.Caption & "' )"
MsgBox "Added to cart"
End Sub
```

Form 5

```
Dim cn As New ADODB.Connection
Dim rscart As New ADODB.Recordset


Private Sub Command1_Click()
MDI.Show
End Sub


Private Sub Command2_Click()
Form6.Show
End Sub


Private Sub Form_Load()
cn.Open "Provider=MSDAORA.1;User ID=system;password = vdc123; Persist Security
Info=False"
cn.CursorLocation = adUseClient
rscart.Open "select * from cart where order_number= '" & Val(Form3.Label17.Caption) & "'",
cn, adOpenDynamic, adLockOptimistic
Set DataGrid1.DataSource = rscart
End Sub
```

Form 6

```
Dim cn As New ADODB.Connection
Dim rscart As New ADODB.Recordset


Private Sub Command1_Click()
Dim FBill As Double
rscart.MoveFirst
While Not rscart.EOF
FBill = FBill + rscart.Fields(2) * rscart.Fields(3)
rscart.MoveNext
Wend
```

```vba
lblbill.Caption = FBill
End Sub


Private Sub Command2_Click()
Form5.Show
End Sub


Private Sub Command3_Click()
MDI.Show
End Sub


Private Sub Command4_Click()
Form7.Show
End Sub


Private Sub Form_Load()
cn.Open "Provider=MSDAORA.1;User ID=system;password = vdc123; Persist Security
Info=False"
cn.CursorLocation = adUseClient
rscart.Open "select * from cart where order_number= '" & Val(Form3.Label17.Caption) & "'",
cn, adOpenDynamic, adLockOptimistic
Set DataGrid1.DataSource = rscart
End Sub
```

Form 7
```vba
Private Sub Command1_Click()
End
End Sub
```

MDI Form
```vba
Dim cn As New ADODB.Connection
Dim rs As New ADODB.Recordset
Public orderno As Integer


Private Sub Billing_Click()
Form6.Show
End Sub


Private Sub Cart_Click()
```

```
Form5.Show
End Sub


Private Sub Exit_Click()
End
End Sub


Private Sub MDIForm_Load()
cn.Open ("Provider=MSDAORA.1;User ID=system;password = vdc123;Persist Security
Info=False")
rs.Open "select * from cart order by order_number", cn, adOpenDynamic, adLockOptimistic
 If rs.EOF Then
   orderno = 1
   Else
   rs.MoveLast
   orderno = rs.Fields(0) + 1
End If
End Sub


Private Sub Traditional_Click()
Form3.Show
End Sub


Private Sub Western_Click()
Form4.Show
End Sub
```
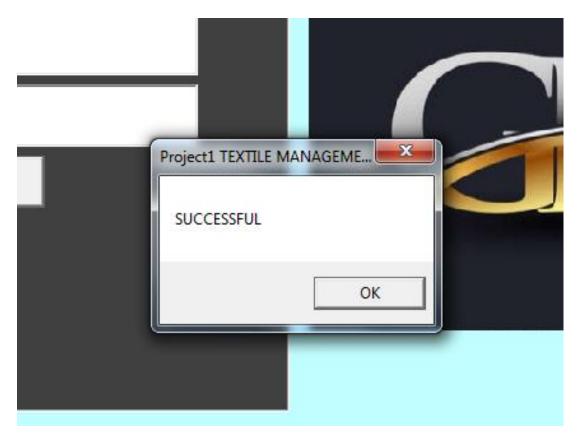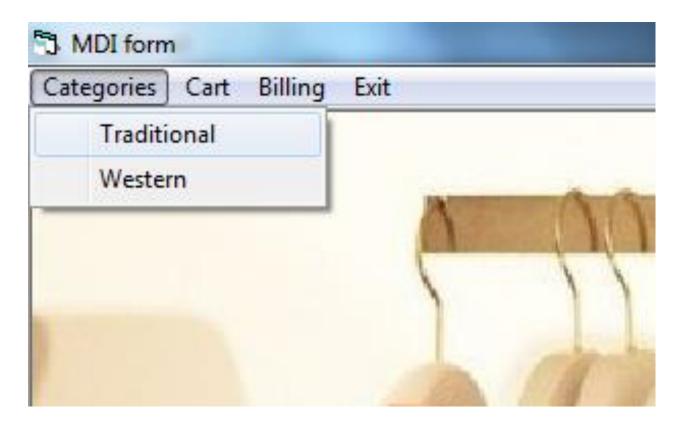
FORM DESIGNS :

Welcome Form

GE GARMENTS

Fashion

WELCOME

Login Form

LOGIN

GE GARMENTS

LOG IN

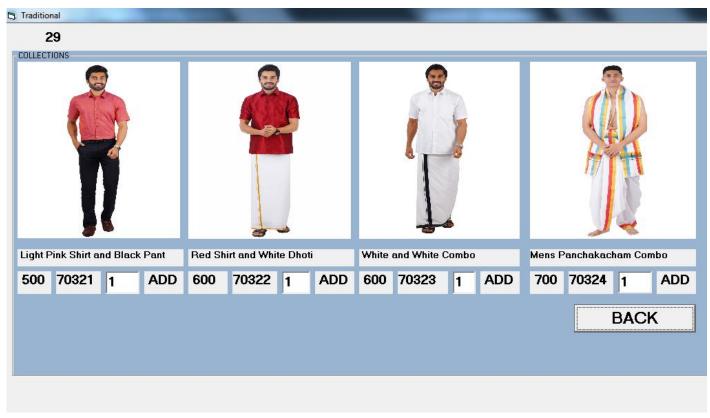USERNAME :

PASSWORD :

SIGN IN

GE

BACK

Login Successful

MDI Form
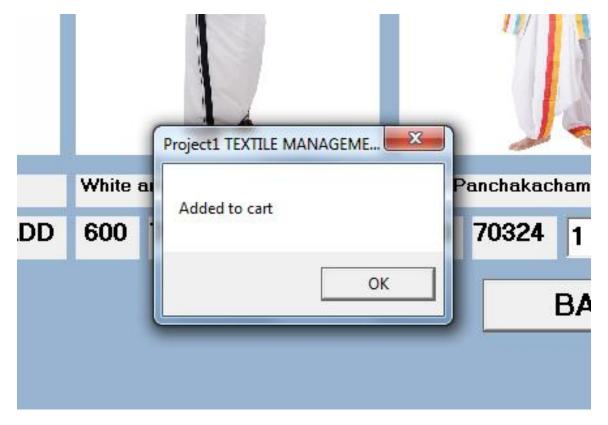
Traditional and Western
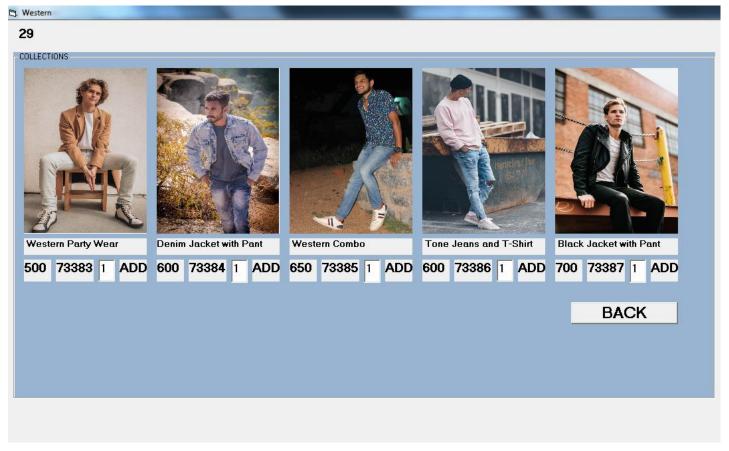
Traditional Form
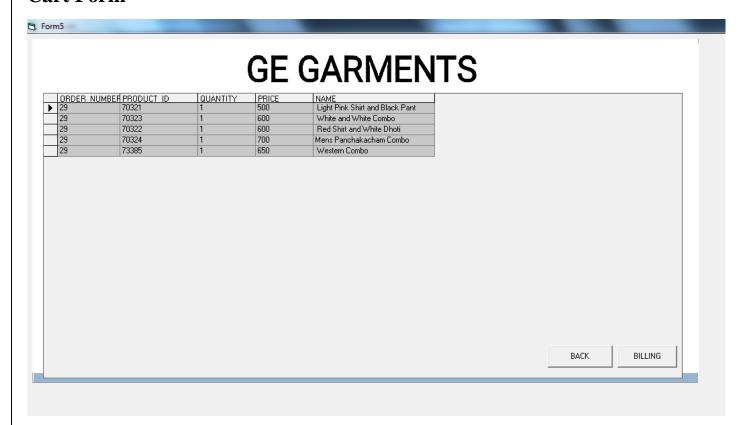
Item Added

Western Form

Cart Form

GE GARMENTS

ORDER NUMBER	PRODUCT ID	QUANTITY	PRICE	NAME
29	70321	1	500	Light Pink Shirt and Black Pant
29	70323	1	600	White and White Combo
29	70322	1	600	Red Shirt and White Dhoti
29	70324	1	700	Mens Panchakacham Combo
29	73385	1	650	Western Combo

BACK   BILLING

Billing Form

BILLING

ORDER NUMBER	PRODUCT ID	QUANTITY	PRICE	NAME
29	70321	1	500	Light Pink Shirt and Black Pant
29	70323	1	600	White and White Combo
29	70322	1	600	Red Shirt and White Dhoti
29	70324	1	700	Mens Panchakacham Combo
29	73385	1	650	Western Combo

FINAL BILL :   3050

Get Payment

BACK

HOME   Thank You

Thankyou Form

CONCLUSION :

The Indian Textile Industry at Present in One of the Largest & Most Important Sector in the Economy in Terms of Output Foreign Exchange Earnings and Employment in India. The Textile Industry has the Enriched Potential to Scale New Height in Globalized Economy. The Textile Industry in India has gone through Significant Charges in Anticipation of Increased International Competation. The Industry is Facing Numerous Problems and Among them the most Important One are those of Finance for many Organized Sector Units, for an Insufficient Price Realization. The Textile Industry in India Traditionally after Agriculture is the Only Industry that has Generated Huge Employment for both Skilled and Unskilled Labour in Textile.