

ABSTRACT

The True Belle- Beauty Insight Software imparts guidance in purchasing the right products according to customer's needs. This project includes a login module through which the user can access his or her account. This project also contains parent forms through which many forms are linked.

The main use of this software is that instead of users searching for the exact product needed for his/her requirements and consuming a lot of their time in surfing the internet for the right products, our software through some simple surveys filters the required product for their need. This software reduces a lot of time spent on surfing the net. This software is user-friendly and easy to handle.

It is developed using Visual Basic 6.0 and SQL server.

List of modules are:

- User Login
- Admin Login
- Hair Insight
- Skin Insight
- Body Insight
- Product Details
- Logout

EXISTING SYSTEM

There is no existing system that includes multiple conditional filters.

PROPOSED SYSTEM

Helps the user to filter and fetch the correct products that fulfills his/her needs. Also has multiple conditional filters like price range filters.

FEASIBILITY STUDY

Once the problem is clearly understood, the next step is to conduct feasibility study, which is high-level capsule version of the entered systems and design process. The objective is to determine whether or not the proposed system is feasible. The three tests of feasibility have been carried out.

Technical Feasibility

Economical Feasibility

Operational Feasibility

In Technical Feasibility study, one has to test whether the proposed system can be developed using existing technology or not. It is planned to implement the proposed system using VB technology.

It is evident that the necessary hardware and software are available for development and implementation of the proposed system. Hence the solution is technically feasible. As part of this, the costs and benefits associated with the proposed system compared and the project is economically feasible only if tangible or intangible benefits outweigh costs. The system development costs will be significant. So the proposed system is economically feasible. It is a standard that ensures interoperability. Without stifling competition and innovation among users, to the benefit of the public both in terms of costs and service quality. The proposed system is acceptable to users. So the proposed system is operationally feasible.

SYSTEM REQUIREMENTS

HARDWARE REQUIREMENTS:

- Processor : Intel(R) Core(TM)-i7
- RAM : 8.00GB
- System Type : 64-bit Operating System

SOFTWARE REQUIREMENTS:

- Front End : VISUAL BASIC 6.0
- Back End : SQL SERVER

BEAUTY INSIGHT SOFTWARE

FUNCTIONAL REQUIREMENT

- **USER LOGIN MODULE:** This module consists of new user forms. If the user is already having an account, then it also has Login form.
- **ADMIN LOGIN MODULE:** In this module admin manages (add,delete,modulatethe Products)the hair,face and body database.
- **HAIR INSIGHT** This module contains survey queries related to hair care.
- **SKIN INSIGHT:** This module contains survey queries related to skin care.
- **BODY INSIGHT:** This module contains survey queries related to body care.
- **PRODUCT DETAILS:** This module consists of the fetched products that are matched with the user's needs with their price, brand, reviews and other details.

NON-FUNCTIONAL REQUIREMENT

- **PERFORMANCE :**

- ✓ Performance requirements define acceptable response time for system functionality.
- ✓ The load time for user interface screens shall take no longer than five seconds.
- ✓ The login information shall take no longer than five seconds.

- **RELIABILITY:**

- ✓ Good validations for user input will be done.
- ✓ Avoid incorrect storage of records.

- **SECURITY:**

- ✓ Encrypt password.
- ✓ Administrator has more rights than the sub user.

- **PORTABILITY:**

- ✓ This application opens in any personal computer supporting windows operating system.

- **FLEXIBILITY:**

- ✓ This system keeps on updating the data according to the transactions that takes place.

- **MAINTAINABILITY:**

- ✓ During maintenance stage, the SRS can be referred for the validation.

- **TIMELINESS:**

- ✓ The system carries out all the operations with consumption of very less time

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Normalization

Normalization is one of the powerful methods used in the design process. It ensures that redundancy of the database is reduced to reasonable level. It ensures that the database is integrated by the way of reducing the redundancy. Hence it is the best method to design effective database. The normalized database is later converted to a physical database. Relations are normalized so that when relations in a database are to be altered during the life time of the database, we do not lose information or introduce inconsistency. The type of alterations normally needed for relations are:

Insertion of new data values to a relation. This should be possible without being forced to leave blank fields for some attributes.

Deletion of a tuple – a row in a relation. This should be possible without losing vital information unknowingly.

Updating or changing a value of an attribute in a tuple. This should be possible without exhaustingly searching all the tuples in the relation.

- ✓ First normal form (1NF)
- ✓ Second normal form (2NF)
- ✓ Third normal form (3NF)
- ✓ Boyce-Codd normal form (BCNF)
- ✓ Fourth normal form (4NF)
- ✓ Fifth normal form (5NF)
- ✓ Domain/key normal form (DKNF)
- ✓ Sixth normal form (6NF)

But to keep our data consistent and non-redundant the first 2 Normal Forms are sufficient.

FIRST NORMAL FORM

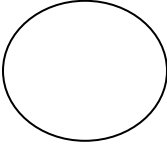
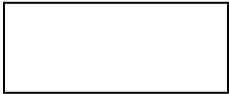

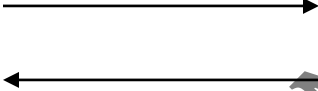
This form is also called as flat file. A relation is said to be in the first normal form if there are no composite attributes, and every attribute is single and describes one property.

INTRODUCTION TO DATA FLOW DIAGRAM

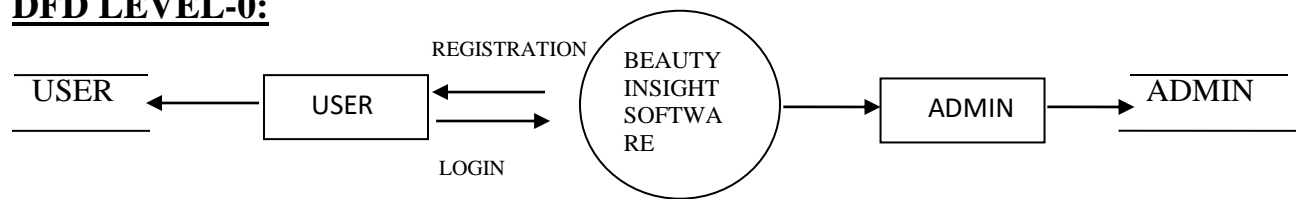
INTRODUCTION:

Data flow diagram (DFD) as called as data flow graphs are commonly used during problem analysis. It is useful in understanding a system and can be effectively used for portioning during problem analysis. A DFD shows the flow of data through system. It shows the movement of data through the different transformations or process in the system. The processes are shown by named circle or “Bubbles” and data. An open –ended rectangle represents the data storage. A source or sink is outside main system of study. Most of the cases the DFD are very large; in such a case the DFD must be developed by step wise refinement. Level DFD set has a starting DFD, which is a very abstract representation of the system, identifying the major inputs and outputs major processes in the system. Then each bubble in the DFD is expanded into a DFD during refinement. It is important that the net inputs and outputs for a DFD for a process are the same as the input of the process in the higher level DFD. During the refinement, the data may be broken into its component for processing.

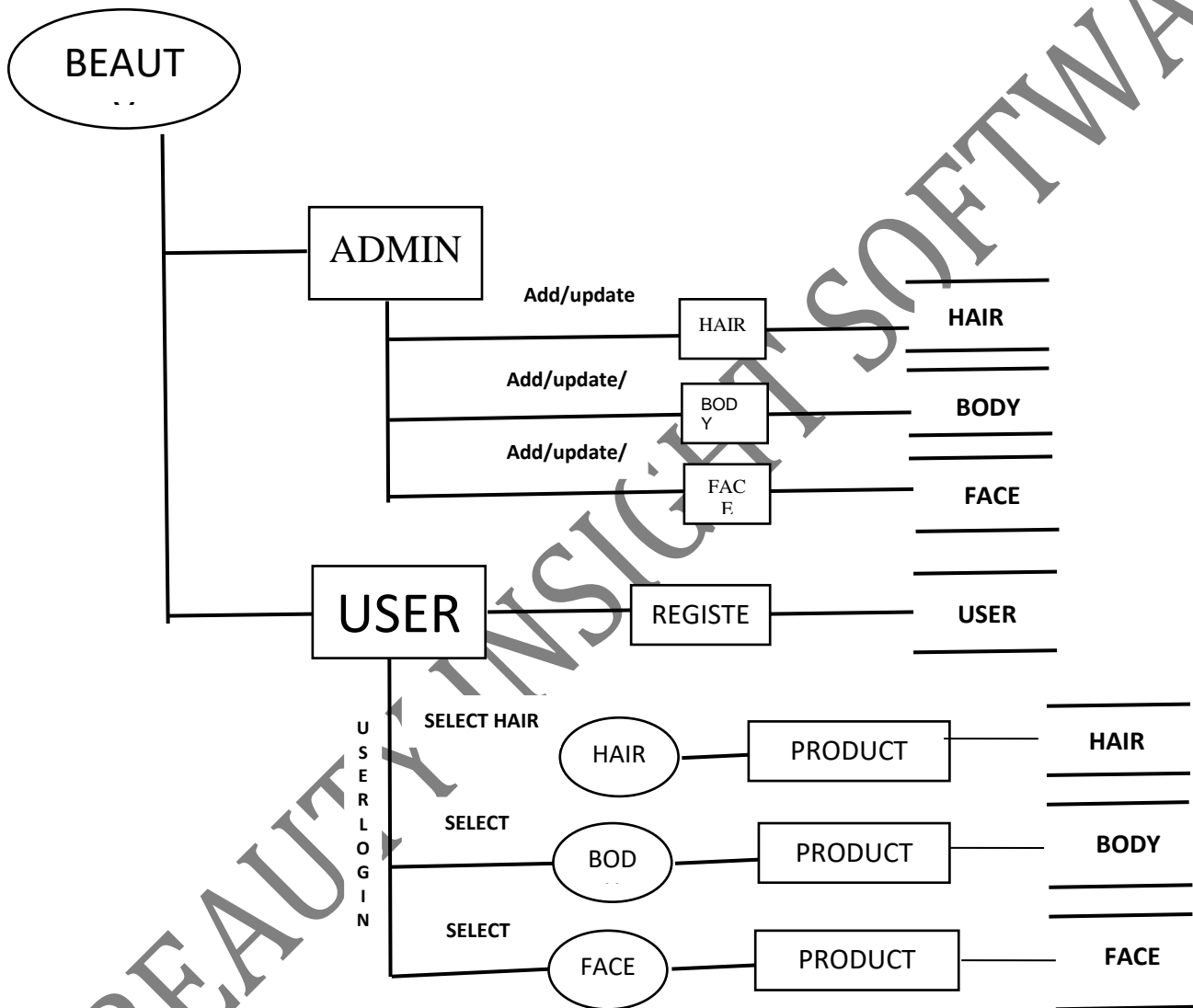
DATA FLOW DIAGRAM SYMBOL

SYMBOL	FUNCTION
 CIRCLE	Represents the processing of the data during the problem analysis.
 RECTANGLE	Represents the sources or sinks, and is net consumer of data.
 OPEN-ENDED RECTANGLE	Represents the data storages.
 ARROWS	Represents the data flow or the data movements between function.

DFD LEVEL-0:



DFD LEVEL -1



INTRODUCTION TO VISUAL BASIC

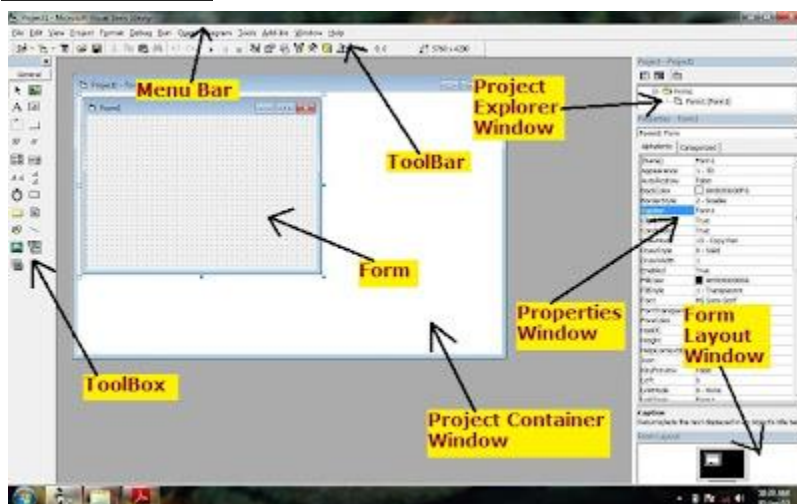
- Visual Basic, derived from the Basic language.
- Visual Basic is an object-based and event-driven programming language.
- This language is design & developed by Microsoft.
- This language is relatively easy to learn.
- It enables you to create GUI (graphical user interface) applications.
- It's easily using the Rapid Application Development (RAD) technique.
- The one most interesting feature of this language is that it comes with a designer called Integrated Development Environment (IDE).
- The easy-to-use tools of the IDE enable you to easily create buttons, textbox, and other controls for your desktop application.

INTEGRATED DEVELOPMENT ENVIRONMENT

IDE

- One of the most significant changes in Visual Basic 6.0 is the Integrated Development Environment (IDE).
- IDE is a term commonly used in the programming world to describe the interface and environment that we use to create our applications.
- It is called integrated because we can access virtually all of the development tools that we need from one screen called an interface.
- The IDE is also commonly referred to as the design environment, or the program.

OVERVIEW



In particular, VB has the following windows:

Menu / Toolbar

This is the only element of the IDE which is always visible. You use it to select which other IDE elements to and to add forms or controls to your project.



Toolbox

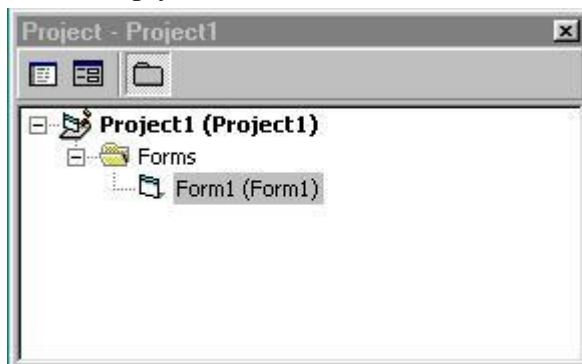
The toolbox is simply a library of controls which you can place on your application.

Once you've placed all the controls you need onto your applications forms, you can hide the toolbox to make room for working in the other elements of the IDE.



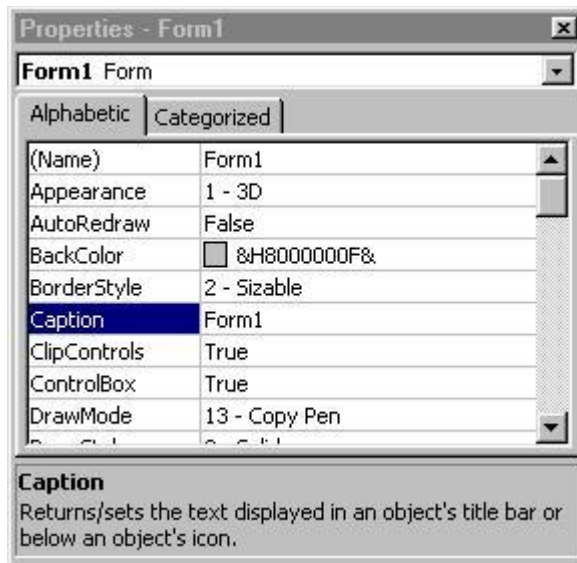
Project Window

This is simply a list of all the forms which make up your VB project.



Property Window

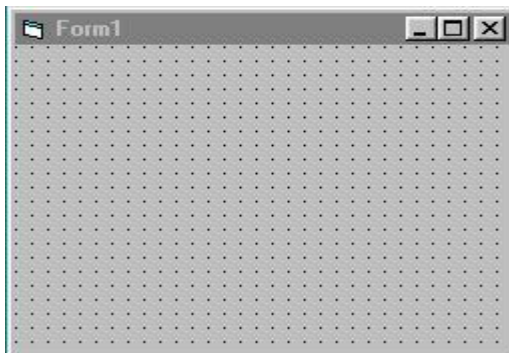
We'll talk about controls later, but such things as push-buttons, scrolling text boxes, pictures boxes and other features of most VB applications allow you to enter parameters which define how these controls work. In VB, these parameters are called properties. Some properties can be entered at design time within the IDE, while others must be entered with code while the program is running.



Forms

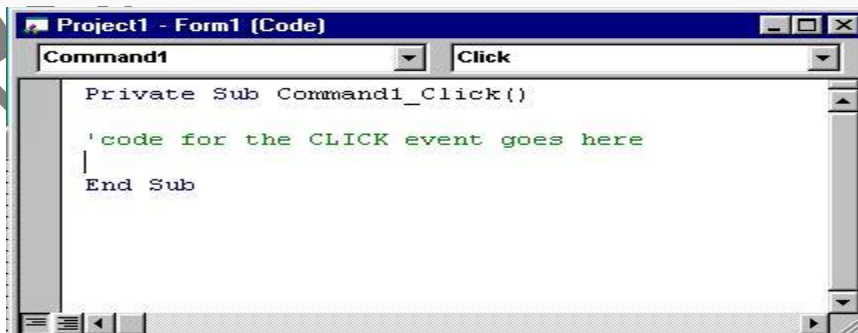
You add these to your VB application as they are needed.

They are the windows which hold the various controls (button, text boxes, etc.) which make up application.



Code Window

Like its name implies, this is where you type in the code that VB executes. Notice that the heading of the window indicates with which event the code is associated.



SQL SERVER

INTRODUCTION

SQL was initially developed at IBM by Donald D. Chamberlin and Raymond F. Boyce in the early 1970s. This version, initially called **SEQUEL** (Structured English Query Language), was designed to manipulate and retrieve data stored in IBM's original quasi-relational database management system, System R, which a group at IBM San Jose Research Laboratory had developed during the 1970s. The acronym SEQUEL was later changed to SQL because "SEQUEL" was a trademark of the UK-based Hawker Siddeley aircraft company.

STRUCTURED QUERY LANGUAGE

- **SQL** (officially referred to as Structured Query Language) is a programming language designed for managing data in relational database management systems (RDBMS).
- Originally based upon relational algebra and tuple relational calculus. Its scope includes data insert, query, update and delete, schema creation and modification, and data access control.
- SQL was one of the first commercial languages for Edgar F. Codd's relational model, as described in his influential 1970 paper, "A Relational Model of Data for Large Shared Data Banks". Despite not adhering to the relational model as described by Codd, it became the most widely used database language.

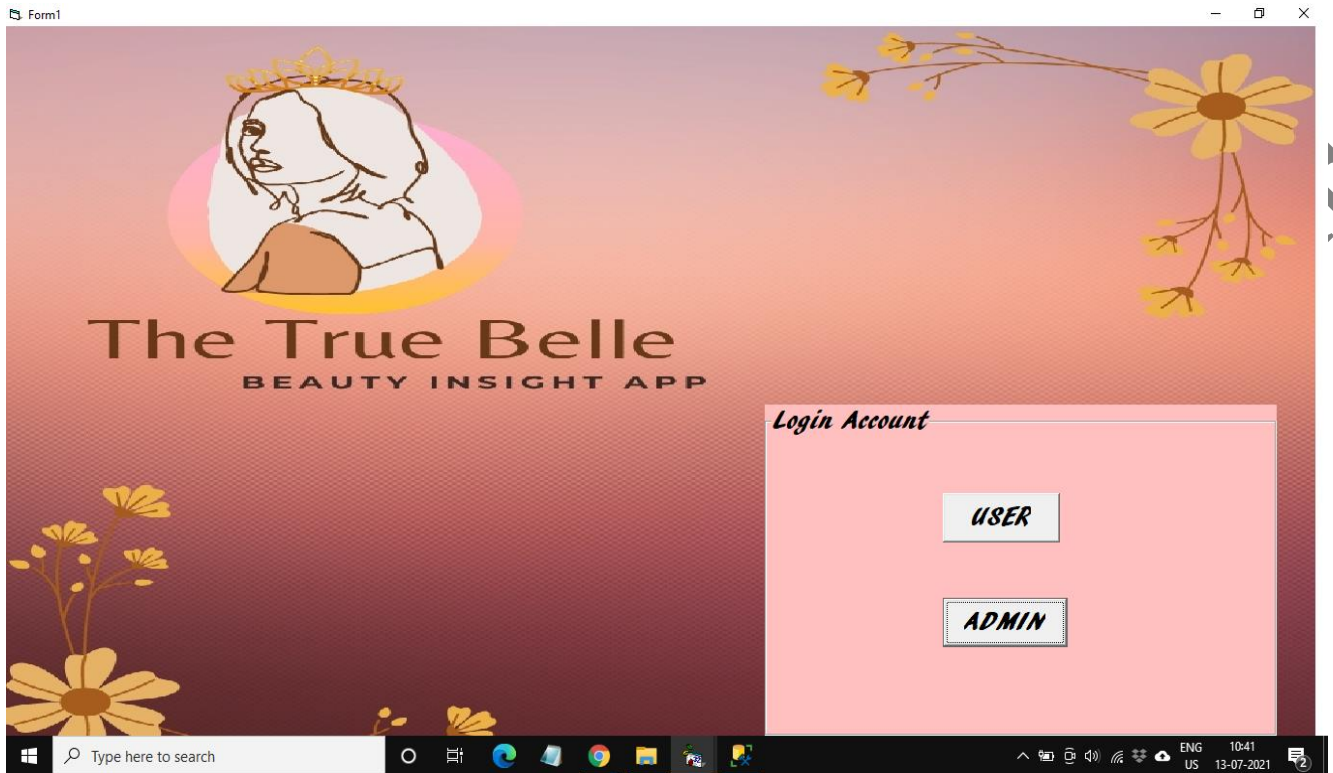
Usage of sql server

The following are the key usage of MS SQL Server:

- Its main purpose is to build and maintain databases.
 - It is used to analyze the data using SQL Server Analysis Services (SSAS).
 - It is used to generate reports using SQL Server Reporting Services (SSRS).
 - It is used to perform ETL operations using SQL Server Integration Services (SSIS).

WELCOME FORM

Form1



The True Belle
BEAUTY INSIGHT APP

Login Account

USER

ADMIN

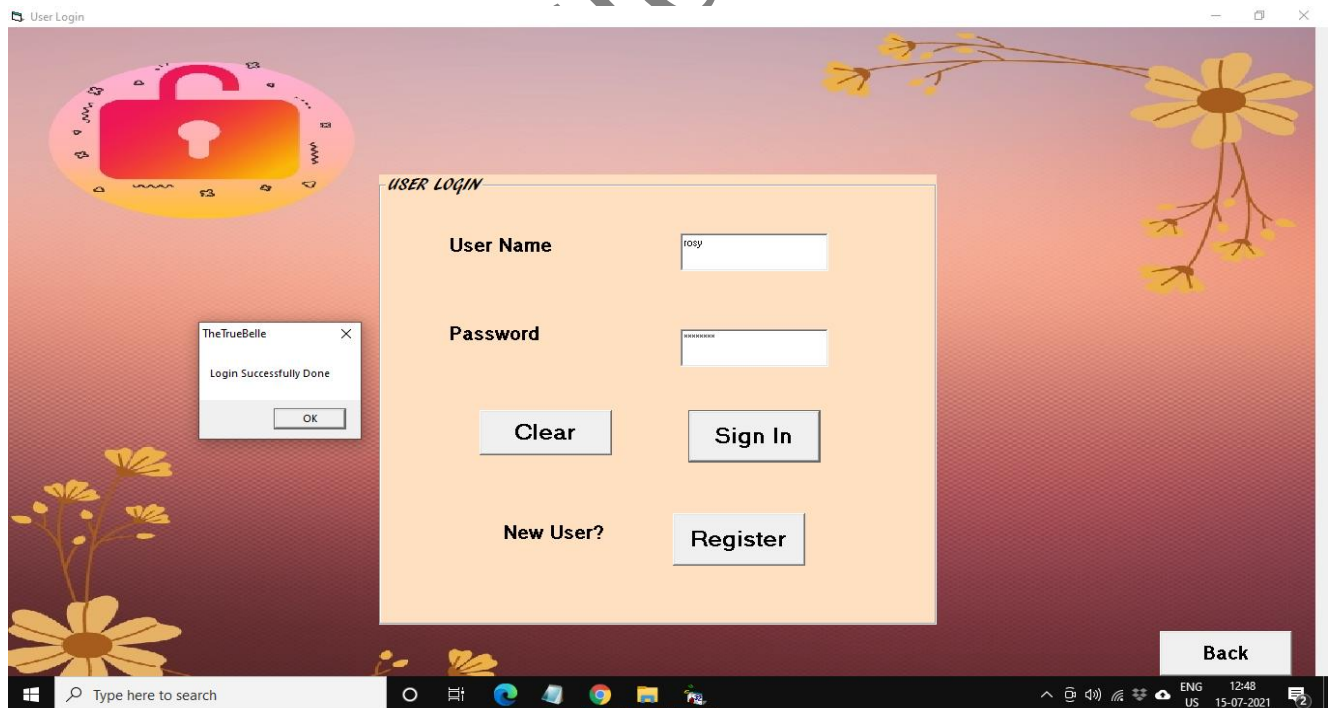
Type here to search

ENG US 10:41 13-07-2021

The True Belle Welcome Form is displayed in a window titled 'Form1'. The background features a pink and orange gradient with a stylized illustration of a woman's face wearing a crown and a large yellow flower. The text 'The True Belle BEAUTY INSIGHT APP' is centered. A 'Login Account' panel on the right contains two buttons: 'USER' and 'ADMIN'. The Windows taskbar at the bottom shows the search bar, task view, and system tray with the date and time.

USERLOGIN FORM

User Login



User Login

User Name

rosy

Password

Clear

Sign In

New User?

Register

Back

TheTrueBelle
Login Successfully Done
OK

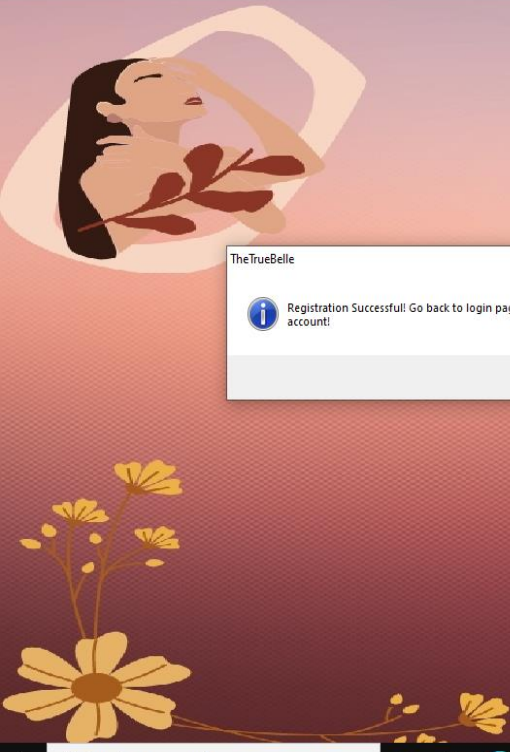
Type here to search

ENG US 12:48 15-07-2021

The True Belle User Login Form is displayed in a window titled 'User Login'. The background features a pink and orange gradient with a stylized illustration of a woman's face wearing a crown and a large yellow flower. The text 'User Login' is centered. A 'USER LOGIN' panel on the right contains input fields for 'User Name' (with the value 'rosy') and 'Password', and buttons for 'Clear', 'Sign In', and 'Register'. A 'New User?' link is also present. A 'Back' button is located at the bottom right. A small dialog box titled 'TheTrueBelle' with the message 'Login Successfully Done' and an 'OK' button is visible in the bottom left. The Windows taskbar at the bottom shows the search bar, task view, and system tray with the date and time.

USER REGISTRATION FORM

User Registration



REGISTRATION

User Name

Email ID

Phone No

Gender

Password

Confirm Password

BACK

TheTrueBelle

Registration Successful! Go back to login page to use your account!

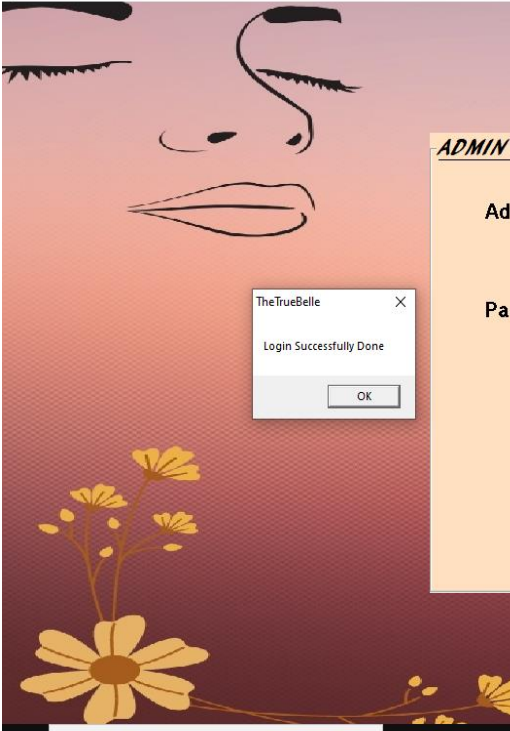
OK

Type here to search

ENG US 11:27 27-07-2021

ADMIN LOGIN FORM

Form1



ADMIN LOGIN

Admin ID

Password

Back

TheTrueBelle

Login Successfully Done

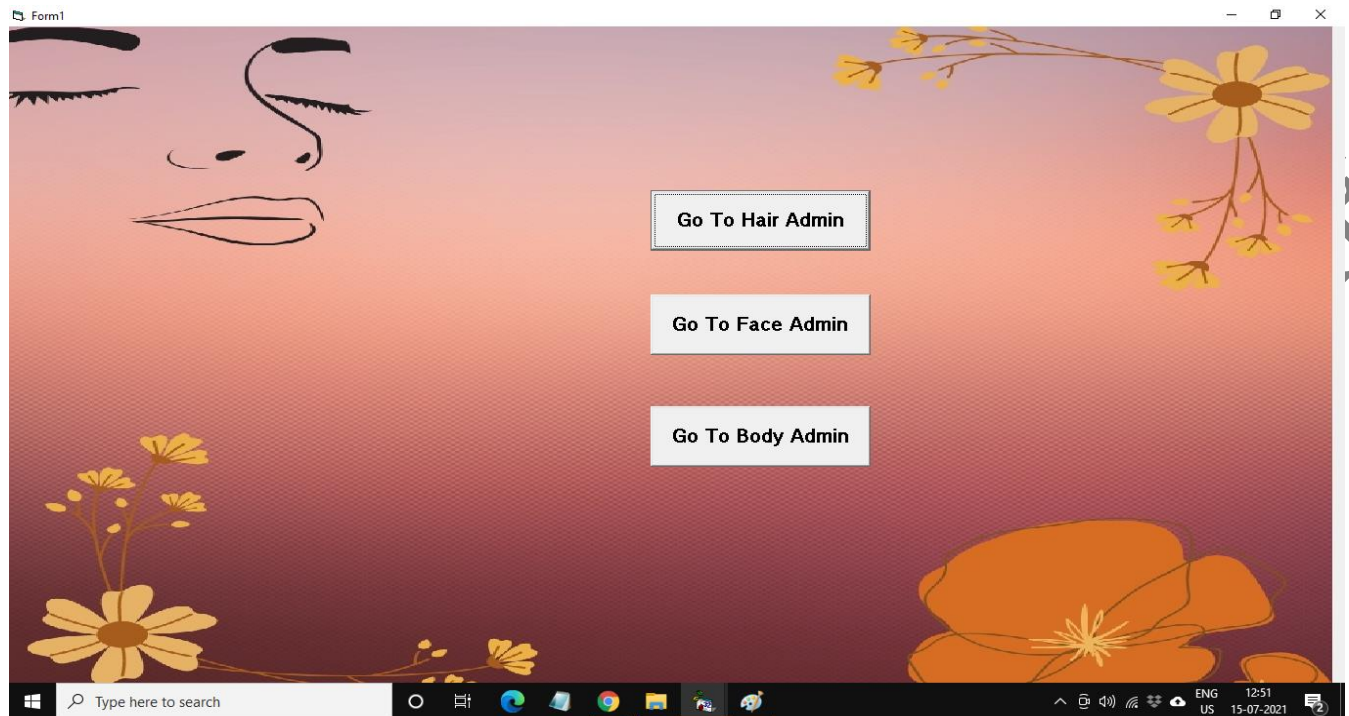
OK

Type here to search

ENG US 12:50 15-07-2021

ADMIN SELECT FORM

Form1



The screenshot shows a desktop application window titled 'Form1'. The background is a decorative illustration of a woman's face in profile, with yellow flowers and a pinkish-red gradient. Three buttons are arranged vertically in the center: 'Go To Hair Admin', 'Go To Face Admin', and 'Go To Body Admin'. The Windows taskbar at the bottom shows the search bar with 'Type here to search', several application icons, and system tray icons including the date and time (12:51, 15-07-2021).

Go To Hair Admin

Go To Face Admin

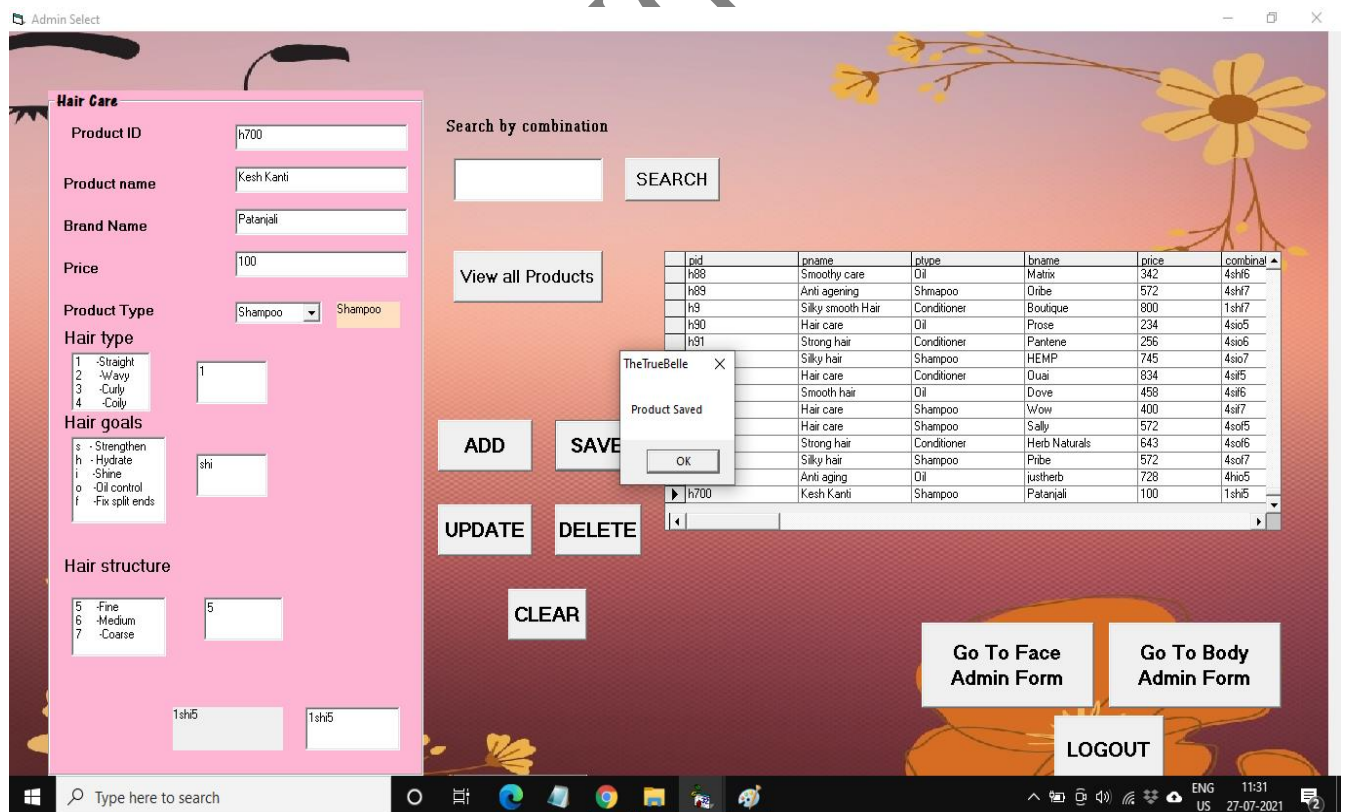
Go To Body Admin

Type here to search

ENG US 12:51 15-07-2021

ADMIN HAIR FORM

Admin Select



The screenshot shows a desktop application window titled 'Admin Select'. The background is the same decorative illustration as the previous form. On the left, there is a 'Hair Care' form with fields for Product ID (h700), Product name (Kesh Kanti), Brand Name (Patanjali), Price (100), Product Type (Shampoo), Hair type (1), Hair goals (sh), and Hair structure (5). Below these fields are two input boxes with '1sh5'. In the center, there is a 'Search by combination' section with a text input and a 'SEARCH' button. Below this is a 'View all Products' button. To the right of the search section is a table with columns: pid, pname, ptype, bname, price, and combinat. The table contains 15 rows of product data. Below the table are buttons for 'ADD', 'SAVE', 'UPDATE', 'DELETE', and 'CLEAR'. At the bottom right, there are buttons for 'Go To Face Admin Form', 'Go To Body Admin Form', and 'LOGOUT'. A small 'TheTrueBelle' dialog box with 'Product Saved' and an 'OK' button is open over the table. The Windows taskbar at the bottom shows the search bar with 'Type here to search', several application icons, and system tray icons including the date and time (11:31, 27-07-2021).

Hair Care

Product ID: h700

Product name: Kesh Kanti

Brand Name: Patanjali

Price: 100

Product Type: Shampoo

Hair type: 1

Hair goals: sh

Hair structure: 5

1sh5

1sh5

Search by combination

SEARCH

View all Products

pid	pname	ptype	bname	price	combinat
h88	Smoothy care	Oil	Matrix	342	4sh6
h89	Anti ageing	Shampoo	Oribi	572	4sh7
h9	Silky smooth Hair	Conditioner	Boutique	800	1sh7
h90	Hair care	Oil	Prose	234	4so5
h91	Strong hair	Conditioner	Pantene	256	4so6
	Silky hair	Shampoo	HEMP	745	4so7
	Hair care	Conditioner	Quai	834	4so8
	Smooth hair	Oil	Dove	458	4so9
	Hair care	Shampoo	Vow	400	4so10
	Hair care	Shampoo	Sally	572	4so11
	Strong hair	Conditioner	Herb Naturals	643	4so12
	Silky hair	Shampoo	Pribe	572	4so13
	Anti ageing	Oil	justherb	728	4so14
h700	Kesh Kanti	Shampoo	Patanjali	100	1sh5

ADD SAVE UPDATE DELETE CLEAR

TheTrueBelle

Product Saved

OK

Go To Face Admin Form

Go To Body Admin Form

LOGOUT

Type here to search

ENG US 11:31 27-07-2021

ADMIN FACE FORM

Form1

Face Care

Product ID:

Product name:

Brand Name:

Price:

Product Type: Mask

Skin type:
☐ Normal ☐ Dry ☐ Oily ☐ Combination

Skin goals:
☐ Hydrate ☐ Tighten ☐ Clear skin ☐ Anti-pollution ☐ Brighten

SkinSensitiveness:
☐ Not at all ☐ Rare ☐ Occasionally ☐ Always

Search by Combination

pid	pname	ptype	bname	price
f84	Light moisturiser	Cream	Ponds	210
f85	Organic glowey	Mask	Bella vita	399
f86	Glow Fine lines	Serum	Minimalist	595
f87	Blemishes free	Cream	Mamaearth	449
f88	Cellular repair	Serum	Myepique	5500
f89	Pomegranate gel	Cream	Good vibes	166
f9	Pomegranate gel	Cream	Good vibes	166
f90	Multani herbal	Mask	Khadi mauri	135
f91	Saffron	Serum	Juicy chemistry	1680
f92	Skin clearing	Serum	Wow	699
f93	Facial treatment	Mask	Forest essential	1756
f94	Dood kersar	Cream	Pahadi local	345
f95	Coffee pack	Mask	Mcaffeine	575
f96	Midnight recovery	Serum	Kiehls india	2100
f97	Antipollution	Cream	Mamaearth	349
f98	Face cleanser	Serum	Skinkraft	999
f99	Matcha face pack	Mask	Spirulina	450

TheTrueBelle Product Deleted OK

ADMIN BODY FORM

Form1

Body Care

Product ID:

Product name:

Brand Name:

Price:

Product Type: Scrub

Skin type:
☐ Normal ☐ Dry ☐ Oily ☐ Combination

Skin goals:
☐ Hydrate ☐ Tighten ☐ Clear skin ☐ Anti-pollution ☐ Brighten

SkinSensitiveness:
☐ Not at all ☐ Rare ☐ Occasionally ☐ Always

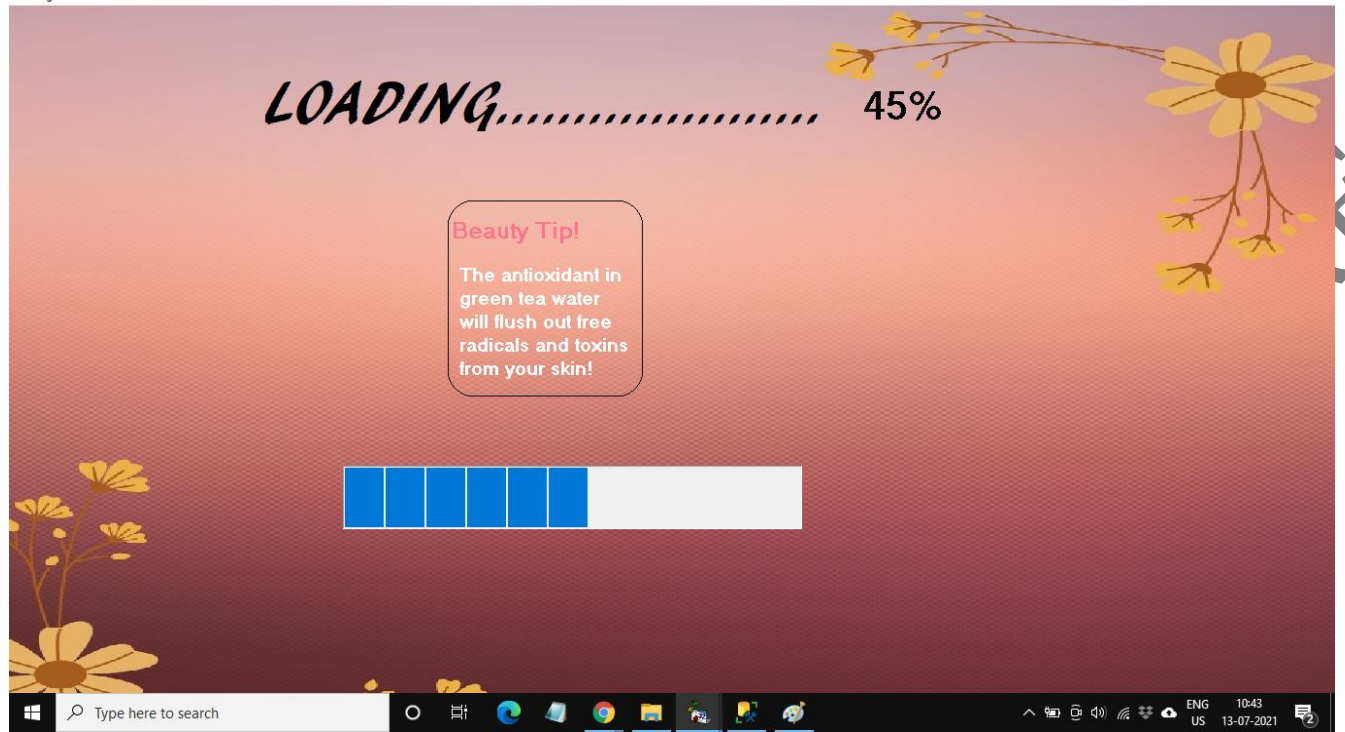
Search by Combination

pid	pname	ptype	bname	price
b79	Vanilla butter	Scrub	Plum bodylovin	500

TheTrueBelle Product Updated OK

LOADING FORM

Loading



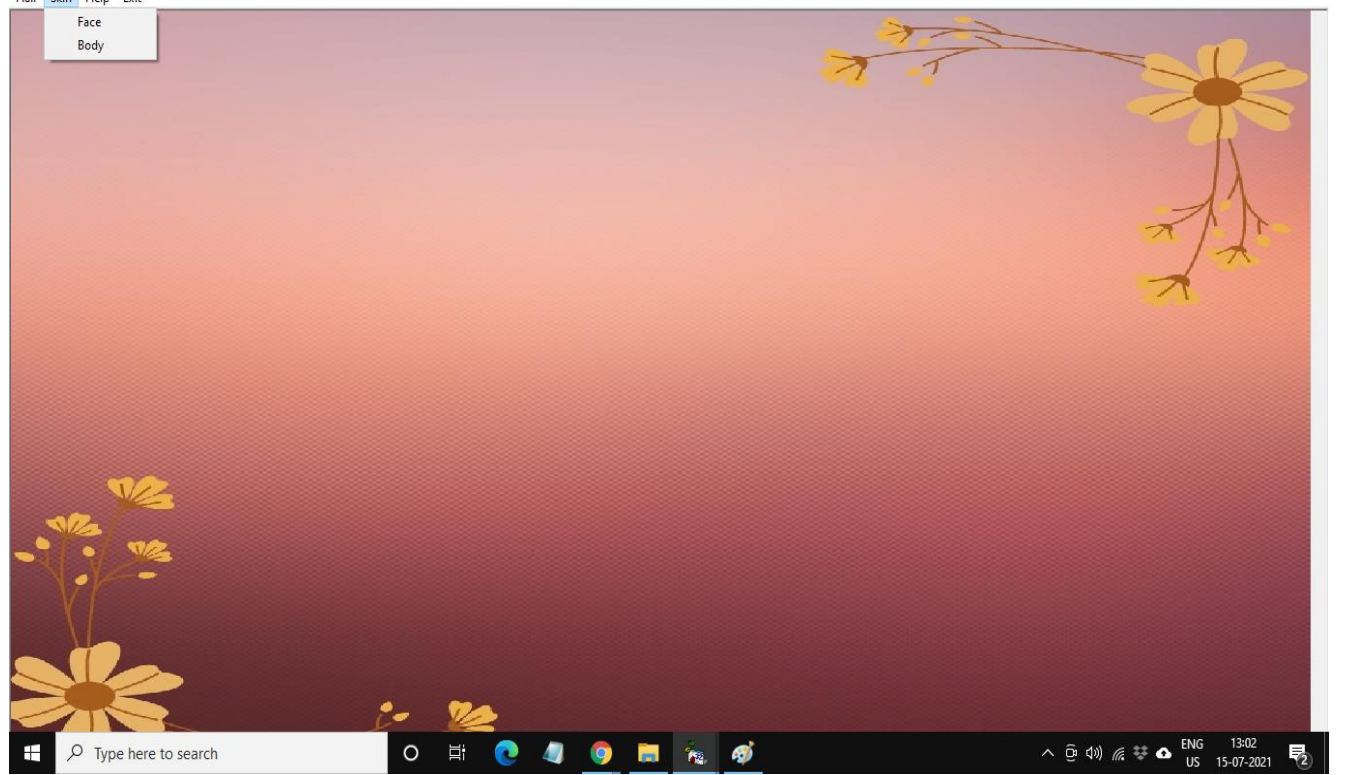
MDI FORM

MDIForm1

Hair Skin Help Exit


Face

Body



HAIR QUERY FORM

Hair Query



Select any 3 hair goals

- ☐ Strengthen
- ☐ Hydrate
- ☒ Shine
- ☒ Oil control
- ☒ Fix split ends

Select your hair type

Hair Type

- ☒ Straight
- ☐ Curly
- ☐ Wavy
- ☐ Coily

Select your hair structure

Hair Structure

- ☐ Fine
- ☒ Medium
- ☐ Coarse

CLEAR

OKAY!

BACK

Type here to search

ENG 11:29 27-07-2021

HAIR PRODUCT DISPLAY FORM

Product Details

Your Selection

Hair Type: Straight

Hair Goal: Shine, Oil control, Fix split ends

Hair Structure: Coarse

Done

HAIR PRODUCT DETAILS

Product name: Fresh hair

Brand name: Megha herb

Price: 525

Type: Shampoo

Previous Product

Next Product

Next


Back

Type here to search

ENG 10:44 13-07-2021

FACE QUERY FORM

Face Query



Select any 3 skin goals

- ☒ Hydrate
- ☐ Tighten
- ☒ Clear skin
- ☒ Anti-pollution
- ☐ Brighten

Select your skin type

SkinType

- ☐ Normal
- ☐ Dry
- ☐ Oily
- ☒ Combination

Frequency of skin sensitiveness

Skin Sensitiveness

- ☐ Not at all
- ☒ Rare
- ☐ Occassionally
- ☐ Always

OKAY!

CLEAR

BACK

Type here to search

ENG 11:29 27-07-2021

FACE PRODUCT DISPLAY FORM

Form1

Product Details

Your Selection

Skin Type:

Skin Goal:

Skin Sensitiveness:

DONE

3hca6

BODY PRODUCT DETAILS

Brand name:

Product name:

Price:

Type:

Previous Product

Next Product

NEXT


BACK

Type here to search

ENG 10:47 13-07-2021

BODY QUERY FORM

Body Query



Select your skin type

SkinType

- ☒ Normal
- ☐ Dry
- ☐ Oily
- ☐ Combination

Select any 3 skin

- ☒ Hydrate
- ☐ Tighten
- ☒ Clear skin
- ☒ Anti-pollution
- ☐ Brighten

Frequency of skin sensitiveness

Skin Sensitiveness

- ☐ Not at all
- ☐ Rare
- ☒ Occasionally
- ☐ Always

CLEAR

OKAY!

BACK

Type here to search

ENG US 11:30 27-07-2021

BODY PRODUCT DISPLAY FORM

Form1

Product Details

Your Selection

Skin Type

Oily

Skin Goal

Hydrate
Clear skin
Antipollution

Skin Sensitiveness

Rare

BODY PRODUCT DETAILS

Brand name

Pear

Product name

Soft bar

Price

80

Type

Soap

Previous Product

Next Product

DONE

3hca6

NEXT

BACK

Type here to search

ENG US 10:47 13-07-2021

ABOUT US FORM

Form1

About Us

The True Belle- Beauty Insight Software imparts guidance in purchasing the right products according to customer's needs. This project includes a login module through which the user can access his or her account. This project also contains parent forms through which many forms are linked. The main use of this software is that instead of users searching for the exact product needed for his/her requirements and consuming a lot of their time in surfing the internet for the right products, our software through some simple surveys filters the required product for their need. This software reduces a lot of time spent on surfing the net. This software is user-friendly and easy to handle. It is developed using Visual Basic 6.0 and Oracle SQL server

Contact Us

Email ID TheTrueBelleCo@gmail.com

Phone No 9284637384

HOME

Type here to search

ENG US 10:47 13-07-2021

FAQ FORM

FAQ

FAQ

1)What is Coarse Hair?

If you can feel the strand of hair between your fingers and it feels thick like a string of thread, you're dealing with coarse hair.

2)What is Fine Hair?

If you can barely feel the strand between your fingers, you have fine hair.

3)What is Combination Skin?

Combination skin type is characterized by dry, flaking skin , on the cheeks while excessive oil and shine appears on other areas of the face.

HOME

Type here to search

ENG US 11:08 13-07-2021

THANK YOU FORM

Thank You

- □ X



HAIR PRODUCT REPORT

DataReport1



Zoom 100%



HAIR PRODUCT REPORT

PRODUCT NAME	PRODUCT TYPE	BRAND NAME	COMBINATION
White Protein	Shampoo	Patanjali	1shi5
KeshKanti	shampoo	Patanjali	1sio5
Hair care	Conditioner	Clinic Plus	4hio6
Fresh hair	Shampoo	Megha herb	4hio7
Hair care	Conditioner	Himalaya	4hif5
Smoothy care	Oil	Lange hair	4hif6
Anti ageing	Shmapoo	Oribe	4hif7
Hair care	Oil	Prose	4hfo5
Strong hair	Conditioner	WOW	4hfo6
Silky hair	Shampoo	Karthika	4hfo7
Hair care	Conditioner	ARATA	4iof5
Smoothy hair	Oil	VLCC	4iof6
Onion Hair oil	Oil	Meera	1sio6

Pages: 1



Type here to search




USER REGISTRATION FORM REPORT

DataReport1

- □ X



Zoom 100%

 <h2>HAIR PRODUCT REPORT</h2>			
PRODUCT NAME	PRODUCT TYPE	BRAND NAME	COMBINATION
White Protein	shampoo	Patanjali	1sh5
KeshKanti	shampoo	Patanjali	1sio5
Hair care	Conditioner	Clinic Plus	4hi06
Fresh hair	Shampoo	Megha herb	4hi07
Hair care	Conditioner	Himalaya	4hi5
Smoothy care	Oil	Lange hair	4hi6
Anti agening	Shmapoo	Orbe	4hi7
Hair care	Oil	Prose	4hfo5
Strong hair	Conditioner	WOW	4hfo6
Silky hair	Shampoo	Karthika	4hfo7
Hair care	Conditioner	ARATA	4iof5
Smoothy hair	Oil	VLCC	4iof6
Onion Hair	Oil	Meera	1sio6

Pages: 1



Type here to search



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WELCOME FORM CODE

```
Private Sub admincmd_Click()  
AdminLoginFrm.Show  
End Sub  
Private Sub usercmd_Click()  
UserLoginFrm.Show  
End Sub
```

USER LOGIN CODE

```
Dim rs As New ADODB.Recordset  
Private Sub Back1cmd_Click()  
WelcomeFrm.Show  
End Sub  
Private Sub clearcmd_Click()  
useridtxt.Text = ""  
userpwdtxt.Text = ""  
End Sub  
Private Sub Form_Load()  
useridtxt.Text = ""  
userpwdtxt.Text = ""  
db.ConnectionString = "Provider=SQLOLEDB.1;Integrated Security=SSPI;Persist Security Info=False;  
Initial Catalog=TheTrueBelle;Data Source=SINDHU\SINDHU"  
End Sub  
Private Sub regcmd_Click()  
UserRegFrm.Show  
End Sub  
Private Sub usersignincmd_Click()  
db.Open  
Set rs = db.Execute("select * from VBReg where userid ='" & useridtxt.Text & "'")  
If (useridtxt.Text = "" And userpwdtxt.Text = "") Then  
MsgBox "Login is not Possible"  
Else  
If (rs.EOF() = False) Then  
If (rs(4) = userpwdtxt.Text) Then
```

```
MsgBox "Login Successfully Done"
Unload Me
Loadingfrm.Show
Else
MsgBox "Invalid Password"
End If
Else
MsgBox "Invalid Username"
End If
End If
db.Close
End Sub
```

USER REGISTRATION FORM CODE

```
Private Sub addnewcmd_Click()
On Error GoTo errmsg
Adodc1.Refresh
Adodc1.Recordset.MoveLast
Adodc1.Recordset.MoveNext
Adodc1.Recordset.AddNew
MsgBox "Add new"
useridtxt.SetFocus
Exit Sub
errmsg:
Adodc1.Recordset.AddNew
useridtxt.SetFocus
End Sub
Private Sub back2cmd_Click()
UserLoginFrm.Show
UserRegFrm.Hide
End Sub
Private Sub clearcmd_Click(Index As Integer)
useridtxt.Text = ""
useremailtxt.Text = ""
```

```

userphtxt.Text = ""
comboGender.Text = ""
userpwdregtxt.Text = ""
userconfpwdregtxt = ""
End Sub
Private Sub Form_Load()
useridtxt.Text = ""
useremailtxt.Text = ""
userphtxt.Text = ""
'comboGender.Clear
comboGender.AddItem "Female"
comboGender.AddItem "Male"
comboGender.AddItem "Others"
userpwdregtxt.Text = ""
userconfpwdregtxt.Text = ""
End Sub
Private Sub savecmd_Click()
If useridtxt.Text = "" Or useremailtxt.Text = "" Or userphtxt.Text = "" Or comboGender.Text = "" Or
userpwdregtxt.Text = "" Or userconfpwdregtxt.Text = "" Then
MsgBox " enter valid details"
ElseIf userpwdregtxt.Text <> userconfpwdregtxt.Text Then
MsgBox "Invalid Password"
Else
Adodc1.Recordset.Update
MsgBox "Registration Successful! Go back to login page to use your account!", vbInformation
UserLoginFrm.Show
End If
End Sub

```

ADMIN LOGIN CODE

```

Dim rs As New ADODB.Recordset
Private Sub adminsignincmd_Click()
db.Open
Set rs = db.Execute("Select * from Admin where adminid =" & adminidtxt.Text & "")
If (adminidtxt = "" And adminpwdtxt = "") Then
MsgBox "Login is not Possible"
Else

```

```

If (rs.EOF() = False) Then
If (rs(1) = adminpwdtxt.Text) Then
MsgBox "Login Successfully Done"
Unload Me
HairAdmin.Show
Else
MsgBox "Invalid Password"
End If
Else
MsgBox "Invalid Username"
End If
End If
db.Close
End Sub
Private Sub backadmincmd_Click()
WelcomeFrm.Show
End Sub
Private Sub Form_Load()
adminidtxt.Text = ""
adminpwdtxt.Text = ""
db.ConnectionString = "Provider=SQLOLEDB.1;Integrated Security=SSPI;Persist Security Info=False;
Initial Catalog=UserLogin;Data Source= SINDHU\SINDHU"
End Sub
Private Sub Command1_Click()
HairAdmin.Show
End Sub
Private Sub Command2_Click()
FaceAdmin.Show
End Sub
Private Sub Command3_Click()
BodyAdmin.Show
End Sub

```

ADMIN HAIR FORM CODE

```

Dim status As Boolean
Private Sub addcmd_Click()
htypetxt.Visible = True
htypebl.Visible = False

```

```
hgoaltxt.Visible = True
hgoallbl.Visible = False
hstructlbl.Visible = False
hstructtxt.Visible = True
Combo1.Enabled = True
htypetxt.Text = ""
hgoaltxt.Text = ""
hstructtxt.Text = ""
On Error GoTo errmsg
Adodc1.Refresh
Adodc1.Recordset.MoveLast
Adodc1.Recordset.MoveNext
Adodc1.Recordset.AddNew
MsgBox "Add new"
hpidtxt.SetFocus
Exit Sub
errmsg:
Adodc1.Recordset.AddNew
hpidtxt.SetFocus
End Sub
Private Sub bodyadmincmd_Click()
BodyAdmin.Show
End Sub
Private Sub clearcmd_Click()
hpidtxt.Text = ""
hpnametxt.Text = ""
hbnametxt.Text = ""
hpricetxt.Text = ""
Text1.Text = ""
htypelbl.Caption = ""
Label24.Caption = ""
End Sub
On Error GoTo errmsg
Adodc1.Recordset.Delete
MsgBox "Product Deleted"
Exit Sub
errmsg:
```

```
MsgBox "Duplicate item id"
'Adodc1.Recordset.Delete
End Sub
Private Sub faceadmincmd_Click()
FaceAdmin.Show
End Sub
Private Sub Form_Load()
status = False
hpidtxt.Text = ""
hpnametxt.Text = ""
hbnametxt.Text = ""
hpricetxt.Text = ""
hptypelbl.Caption = ""
Label24.Caption = ""
htypetxt.Visible = False
htypelbl.Visible = False
hgoaltxt.Visible = False
hgoallbl.Visible = False
hstructlbl.Visible = False
hstructtxt.Visible = False
End Sub
Private Sub logoutcmd_Click()
WelcomeFrm.Show
End Sub
Private Sub savecmd_Click()
'HAIR TYPE
Dim htype As Variant
Dim hgoal As Variant
If htypetxt.Text = "1" Then
htypelbl.Caption = "1"
ElseIf htypetxt.Text = "2" Then
htypelbl.Caption = "2"
ElseIf htypetxt.Text = "3" Then
htypelbl.Caption = "3"
ElseIf htypetxt.Text = "4" Then
htypelbl.Caption = "4"
Else
```

MsgBox "Incorrect Hair type"

End If

'HAIR GOALS

If hgoaltxt.Text = "shi" Then

hgoallbl.Caption = "shi"

ElseIf hgoaltxt.Text = "sho" Then

hgoallbl.Caption = "sho"

ElseIf hgoaltxt.Text = "shf" Then

hgoallbl.Caption = "shf"

ElseIf hgoaltxt.Text = "sio" Then

hgoallbl.Caption = "sio"

ElseIf hgoaltxt.Text = "sif" Then

hgoallbl.Caption = "sif"

ElseIf hgoaltxt.Text = "sof" Then

hgoallbl.Caption = "sof"

ElseIf hgoaltxt.Text = "hio" Then

hgoallbl.Caption = "hio"

ElseIf hgoaltxt.Text = "hif" Then

hgoallbl.Caption = "hif"

ElseIf hgoaltxt.Text = "hfo" Then

hgoallbl.Caption = "hfo"

ElseIf hgoaltxt.Text = "iof" Then

hgoallbl.Caption = "iof"

Else

MsgBox "Incorrect Hair goal"

End If

'HAIR STRUCTURE

If hstructtxt.Text = "5" Then

hstructlbl.Caption = "5"

Label24.Caption = htypelbl.Caption & hgoallbl.Caption & hstructlbl.Caption

ElseIf hstructtxt.Text = "6" Then

hstructlbl.Caption = "6"

Label24.Caption = htypelbl.Caption & hgoallbl.Caption & hstructlbl.Caption

ElseIf hstructtxt.Text = "7" Then

hstructlbl.Caption = "7"

Label24.Caption = htypelbl.Caption & hgoallbl.Caption & hstructlbl.Caption

Else

MsgBox "Incorrect Hair structure"

End If

On Error GoTo errmsg

Adodc1.Recordset.Update

MsgBox "Product Saved"

Exit Sub

errmsg:

MsgBox "Duplicate item id"

Adodc1.Recordset.CancelUpdate

End Sub

Private Sub searchcmd_Click()

htypetxt.Visible = False

htypelbl.Visible = False

hgoaltxt.Visible = False

hgoallbl.Visible = False

hstructlbl.Visible = False

hstructtxt.Visible = False

Adodc1.RecordSource = "Select * from Hair where combination=" + Text1.Text + ""

Adodc1.Refresh

If Adodc1.Recordset.EOF Then

MsgBox "Data not found", vbCritical, "Message"

Else

Adodc1.Caption = Adodc1.RecordSource

End If

End Sub

Private Sub updatecmd_Click()

On Error GoTo errmsg

Adodc1.Recordset.Update

MsgBox "Product Updated"

Exit Sub

errmsg:

MsgBox "Duplicate item id"

Adodc1.Recordset.CancelUpdate

End Sub

Sub display()

hpidtxt.Text = rHair.Fields!PID

hpnametxt.Text = rHair.Fields!pname

```

hbnametxt.Text = rHair.Fields!bname
hpricetxt.Text = rHair.Fields!price
hptypelbl.Caption = rHair.Fields!ptype
Label24.Caption = rHair.Fields!combination
End Sub
Private Sub viewcmd_Click()
Adodc1.RecordSource = "Select * from Hair"
Adodc1.Refresh
End Sub

```

ADMIN FACE FORM CODE

```

j = 0
l = 0
m = 0
i = 0
'SKINTYPE
For i = 0 To 3 Step 1
If skintypeopt(i).Value = True Then
SkinProductDisplayFrm.skintypetxt.Text = skintypeopt(i).Caption
l = l + 1
SkinProductDisplayFrm.Show
'skintype option's caption should go to product display form
End If
Next i
If l = 0 Then
MsgBox "You must select a skin type"
SkinProductDisplayFrm.Hide
End If
'SKIN SENSITIVENESS
For i = 0 To 3 Step 1
If skinsensopt(i).Value = True Then
m = m + 1
SkinProductDisplayFrm.skinsenstxt.Text = skinsensopt(i).Caption
SkinProductDisplayFrm.Show
'skinsens option's caption should go to product display form
End If

```

```

Next i
If m = 0 Then
MsgBox "You must select your frequency of skin sensitiveness"
SkinProductDisplayFrm.Hide
End If
'SKIN GOALS
Do
For i = 0 To 4 Step 1
If skingoalchk(i).Value = 1 Then
j = j + 1
End If
Next i
Loop While (j > 5)
If (j = 3) Then
For i = 0 To 4 Step 1
If skingoalchk(i).Value = 1 Then
SkinProductDisplayFrm.skingoallist.AddItem skingoalchk(i).Caption
End If
SkinProductDisplayFrm.Show
Next i
ElseIf (j > 3) Then
MsgBox "select only 3"
SkinProductDisplayFrm.Hide
Else
MsgBox "Select atleast 3"
SkinProductDisplayFrm.Hide
End If
SkinProductDisplayFrm.bodydonecmd.Visible = False
SkinProductDisplayFrm.bodycombilbl.Visible = False
SkinProductDisplayFrm.BodyProduct.Visible = False
SkinProductDisplayFrm.backbodycmd.Visible = False
SkinProductDisplayFrm.DataGrid2.Visible = False
End Sub

```

ADMIN BODY FORM CODE

```

Dim l As Integer
Dim l As Integer

```

```

Dim m As Integer
Dim j As Integer
Private Sub back4cmd_Click()
MDIForm1.Show
Unload Me
End Sub
Private Sub clearcmd_Click()
For i = 0 To 3 Step 1
skintypeopt(i).Value = False
Next i
For i = 0 To 4 Step 1
skingoalchk(i).Value = False
Next i
For i = 0 To 3 Step 1
skinsensopt(i).Value = False
Next i
End Sub
Private Sub Form_Load()
For i = 0 To 3 Step 1
skintypeopt(i).Value = False
Next i
For i = 0 To 4 Step 1
skingoalchk(i).Value = False
Next i
For i = 0 To 3 Step 1
skinsensopt(i).Value = False
Next i
End Sub
Private Sub okcmd_Click()
j = 0
l = 0
m = 0
i = 0
'SKINTYPE
For i = 0 To 3 Step 1
If skintypeopt(i).Value = True Then
SkinProductDisplayFrm.skintypetxt.Text = skintypeopt(i).Caption

```

```

l = l + 1
SkinProductDisplayFrm.Show
'skintype option's caption should go to product display form
End If
Next i
If l = 0 Then
MsgBox "You must select a skin type"
End If
'SKIN SENSITIVENESS
For i = 0 To 3 Step 1
If skinsensopt(i).Value = True Then
m = m + 1
SkinProductDisplayFrm.skinsenstxt.Text = skinsensopt(i).Caption
SkinProductDisplayFrm.Show
'skinsens option's caption should go to product display form
End If
Next i
If m = 0 Then
MsgBox "You must select your frequency of skin sensitiveness"
End If
'SKIN GOALS
Do
For i = 0 To 4 Step 1
If skingoalchk(i).Value = 1 Then
j = j + 1
End If
Next i
Loop While (j > 5)
If (j = 3) Then
For i = 0 To 4 Step 1
If skingoalchk(i).Value = 1 Then
SkinProductDisplayFrm.skingoallist.AddItem skingoalchk(i).Caption
End If
SkinProductDisplayFrm.Show
Next i
ElseIf (j > 3) Then
MsgBox "select only 3"

```

```

SkinProductDisplayFrm.Hide
Else
MsgBox "Select atleast 3"
End If
SkinProductDisplayFrm.facedonecmd.Visible = False
SkinProductDisplayFrm.facecombilbl.Visible = False
SkinProductDisplayFrm.FaceProduct.Visible = False
SkinProductDisplayFrm.backfacecmd.Visible = False
SkinProductDisplayFrm.DataGrid1.Visible = False
End Sub

```

LOADING FORM CODE

```

Timer1.Enabled = True
End Sub
Private Sub Timer1_Timer()
ProgressBar1.Value = ProgressBar1.Value + 5
Label3.Caption = ProgressBar1.Value & "%"
If (ProgressBar1.Value = ProgressBar1.Max) Then
Timer1.Enabled = False
MDIForm1.Show
Unload Me
End If
End Sub

```

MDI FORM CODE

```

AboutUsFrm.Show
End Sub
Private Sub bodymnu_Click()
BodyQryFrm.Show
End Sub
Private Sub exitmnu_Click()
MsgBox "Do you really want to exit?", vbYesNo
If MsgBox = vbYes Then
ThankYouFrm.Show
Else

```

```

'MDIForm1.Show
'End If
End Sub
Private Sub facemnu_Click()
FaceQryFrm.Show
End Sub
Private Sub faqmnu_Click()
FaqFrm.Show
End Sub
Private Sub hairmnu_Click()
hairqryfrm.Show
End Sub

```

MODULE FORM CODE

```

Public rHair As ADODB.Recordset
Public rFace As ADODB.Recordset
Public rBody As ADODB.Recordset
Public Sub main()
Set con = New ADODB.Connection
con.Open "Provider=SQLOLEDB.1;Integrated Security=SSPI;Persist Security Info=False;Initial
Catalog=TheTrueBelle;Data Source=SINDHU\SINDHU"
con.CursorLocation = adUseClient
Set rHair = New ADODB.Recordset
Set rFace = New ADODB.Recordset
Set rBody = New ADODB.Recordset
rHair.Open "select * from Hair order by pid", con, adOpenDynamic, adLockPessimistic, adCmdText
rFace.Open "Select * from Face order by pid", con, adOpenDynamic, adLockPessimistic, adCmdText
rBody.Open "Select * from Body order by pid", con, adOpenDynamic, adLockPessimistic, adCmdText
WelcomeFrm.Show
End Sub

```

HAIR QUERY FORM CODE

```

Dim i As Integer
Dim l As Integer
Dim m As Integer
Dim j As Integer
Private Sub clearcmd_Click()

```

```

For i = 0 To 3 Step 1
    hairtypeopt(i).Value = False
Next i
For i = 0 To 4 Step 1
    hairgoalchk(i).Value = False
Next i
For i = 0 To 2 Step 1
    hairstructopt(i).Value = False
Next i
End Sub
Private Sub Form_Load()
    For i = 0 To 3 Step 1
        hairtypeopt(i).Value = False
    Next i
    For i = 0 To 4 Step 1
        hairgoalchk(i).Value = False
    Next i
    For i = 0 To 2 Step 1
        hairstructopt(i).Value = False
    Next i
End Sub
Private Sub okcmd_Click()
    j = 0
    l = 0
    m = 0
    i = 0
    'HAIRTYPE
    For i = 0 To 3 Step 1
        If hairtypeopt(i).Value = True Then
            HairProductDisplayFrm.hairtypetxt.Text = hairtypeopt(i).Caption
            l = l + 1
            HairProductDisplayFrm.Show
            'hairtype option's caption should go to product display form
        End If
    Next i
    If l = 0 Then
        MsgBox "You must select a hair type"
    End If
End Sub

```



```

End If
'HAIR STRUCTURE
For i = 0 To 2 Step 1
If hairstructopt(i).Value = True Then
m = m + 1
HairProductDisplayFrm.hairstructtxt.Text = hairstructopt(i).Caption
HairProductDisplayFrm.Show
'hairstruct option's caption should go to product display form
End If
Next i
If m = 0 Then
MsgBox "You must select a hair structure"
End If
'HAIR GOALS
Do
For i = 0 To 4 Step 1
If hairgoalchk(i).Value = 1 Then
j = j + 1
End If
Next i
Loop While (j > 5)
If (j = 3) Then
For i = 0 To 4 Step 1
If hairgoalchk(i).Value = 1 Then
HairProductDisplayFrm.hairgoallist.AddItem hairgoalchk(i).Caption
End If
HairProductDisplayFrm.Show
Next i
ElseIf (j > 3) Then
MsgBox "select only 3"
HairProductDisplayFrm.Hide
Else
MsgBox "Select atleast 3"
End If
End Sub

```

HAIR PRODUCT DISPLAY FORM CODE

```

Dim htype As Variant
Dim hgoal As Variant
Private Sub backcmd_Click()
    hairqryfrm.Show
    hairtypetxt.Text = ""
    hairstructtxt.Text = ""
    For i = 0 To 3 Step 1
        dettxt(i).Text = ""
    Next i
    Label3.Caption = ""
    hairgoallist.Clear
End Sub
Private Sub donecmd_Click()
    If hairtypetxt.Text = "Straight" Then
        htype = "1"
    ElseIf hairtypetxt.Text = "Curly" Then
        htype = "2"
    ElseIf hairtypetxt.Text = "Wavy" Then
        htype = "3"
    ElseIf hairtypetxt.Text = "Coily" Then
        htype = "4"
    End If
    If hairgoallist.List(0) = "Strengthen" And hairgoallist.List(1) = "Hydrate" And hairgoallist.List(2) = "Shine"
    Then
        hgoal = htype & "shi"
    ElseIf hairgoallist.List(0) = "Strengthen" And hairgoallist.List(1) = "Hydrate" And hairgoallist.List(2) = "Oil
    control" Then
        hgoal = htype & "sho"
    ElseIf hairgoallist.List(0) = "Strengthen" And hairgoallist.List(1) = "Hydrate" And hairgoallist.List(2) = "Fix
    split ends" Then
        hgoal = htype & "shf"
    ElseIf hairgoallist.List(0) = "Strengthen" And hairgoallist.List(1) = "Shine" And hairgoallist.List(2) = "Oil
    control" Then
        hgoal = htype & "sio"
    ElseIf hairgoallist.List(0) = "Strengthen" And hairgoallist.List(1) = "Shine" And hairgoallist.List(2)
    = "Fix split ends" Then
        hgoal = htype & "sif"
    ElseIf hairgoallist.List(0) = "Strengthen" And hairgoallist.List(1) = "Oil control" And hairgoallist.List(2)

```

```

    = "Fix split ends" Then
hgoal = htype & "sof"
ElseIf hairgoallist.List(0) = "Hydrate" And hairgoallist.List(1) = "Shine" And hairgoallist.List(2)
= "Oil control" Then
hgoal = htype & "hio"
ElseIf hairgoallist.List(0) = "Hydrate" And hairgoallist.List(1) = "Shine" And hairgoallist.List(2)
= "Fix split ends" Then
hgoal = htype & "hif"
ElseIf hairgoallist.List(0) = "Hydrate" And hairgoallist.List(1) = "Fix split ends" And hairgoallist.List(2)
= "Oil control" Then
hgoal = htype & "hfo"
ElseIf hairgoallist.List(0) = "Hydrate" And hairgoallist.List(1) = "Fix split ends" And hairgoallist.List(2)
= "Oil control" Then
hgoal = htype & "iof"
End If
If hairstructtxt.Text = "Fine" Then
Label3.Caption = hgoal & "5"
ElseIf hairstructtxt.Text = "Medium" Then
Label3.Caption = hgoal & "6"
ElseIf hairstructtxt.Text = "Coarse" Then
Label3.Caption = hgoal & "7"
End If
rHair.MoveFirst
rHair.Filter = "combination like '%" & Label3.Caption & "%"
Call display
End Sub
Private Sub Form_Load()
For i = 0 To 3 Step 1
dettxt(i).Text = ""
Next i
End Sub
Private Sub nextcmd_Click()
ThankYouFrm.Show
End Sub
Private Sub nextpcmd_Click()
rHair.MoveNext
If rHair.EOF Then rHair.MoveLast

```

```

Call display
End Sub
Private Sub prevpcmd_Click()
rHair.MovePrevious
If rHair.BOF Then rHair.MoveFirst
Call display
End Sub
Sub display()
dettxt(0).Text = rHair.Fields!pname
dettxt(1).Text = rHair.Fields!bname
dettxt(2).Text = rHair.Fields!price
dettxt(3).Text = rHair.Fields!ptype
End Sub

```

FACE QUERY FORM CODE

```

Dim i As Integer
Dim l As Integer
Dim m As Integer
Dim j As Integer
Private Sub back4cmd_Click()
MDIForm1.Show
Unload Me
End Sub
Private Sub clearcmd_Click()
For i = 0 To 3 Step 1
skintypeopt(i).Value = False
Next i
For i = 0 To 4 Step 1
skingoalchk(i).Value = False
Next i
For i = 0 To 3 Step 1
skinsensopt(i).Value = False
Next i
End Sub
Private Sub Form_Load()
For i = 0 To 3 Step 1
skintypeopt(i).Value = False

```

```

Next i
For i = 0 To 4 Step 1
    skingoalchk(i).Value = False
Next i
For i = 0 To 3 Step 1
    skinsensopt(i).Value = False
Next i
End Sub
Private Sub Label2_Click()
End Sub
Private Sub okcmd_Click()
    j = 0
    l = 0
    m = 0
    i = 0
    'SKINTYPE
    For i = 0 To 3 Step 1
        If skintypeopt(i).Value = True Then
            SkinProductDisplayFrm.skintypetxt.Text = skintypeopt(i).Caption
            l = l + 1
            SkinProductDisplayFrm.Show
            'skintype option's caption should go to product display form
        End If
    Next i
    If l = 0 Then
        MsgBox "You must select a skin type"
        SkinProductDisplayFrm.Hide
    End If
    'SKIN SENSITIVENESS
    For i = 0 To 3 Step 1
        If skinsensopt(i).Value = True Then
            m = m + 1
            SkinProductDisplayFrm.skinsenstxt.Text = skinsensopt(i).Caption
            SkinProductDisplayFrm.Show
            'skinsens option's caption should go to product display form
        End If
    Next i

```

```

If m = 0 Then
MsgBox "You must select your frequency of skin sensitiveness"
SkinProductDisplayFrm.Hide
End If
'SKIN GOALS
Do
For i = 0 To 4 Step 1
If skingoalchk(i).Value = 1 Then
j = j + 1
End If
Next i
Loop While (j > 5)
If (j = 3) Then
For i = 0 To 4 Step 1
If skingoalchk(i).Value = 1 Then
SkinProductDisplayFrm.skingoallist.AddItem skingoalchk(i).Caption
End If
SkinProductDisplayFrm.Show
Next i
ElseIf (j > 3) Then
MsgBox "select only 3"
SkinProductDisplayFrm.Hide
Else
MsgBox "Select atleast 3"
SkinProductDisplayFrm.Hide
End If
SkinProductDisplayFrm.bodydonecmd.Visible = False
SkinProductDisplayFrm.bodycombilbl.Visible = False
SkinProductDisplayFrm.BodyProduct.Visible = False
SkinProductDisplayFrm.backbodycmd.Visible = False
SkinProductDisplayFrm.DataGrid2.Visible = False
End Sub

```

SKIN PRODUCT DISPLAY FORM CODE

```

Dim stype As variant
Dim sgoal As Variant
Private Sub backfacecmd_Click()

```

```
FaceQryFrm.Show
skintypetxt.Text = ""
skinsenstxt.Text = ""
For i = 0 To 3 Step 1
dettxt(i).Text = ""
Next i
skingoallist.Clear
facecombilbl.Caption = ""
Unload Me
End Sub
Private Sub facedonecmd_Click()
If skintypetxt.Text = "Normal" Then
stype = "1"
ElseIf skintypetxt.Text = "Dry" Then
stype = "2"
ElseIf skintypetxt.Text = "Oily" Then
stype = "3"
ElseIf skintypetxt.Text = "Combination" Then
stype = "4"
End If
If skingoallist.List(0) = "Hydrate" And skingoallist.List(1) = "Tighten" And skingoallist.List(2)
= "Clear skin" Then
sgoal = stype & "htc"
ElseIf skingoallist.List(0) = "Hydrate" And skingoallist.List(1) = "Tighten" And skingoallist.List(2)
= "Anti-pollution" Then
sgoal = stype & "hta"
ElseIf skingoallist.List(0) = "Hydrate" And skingoallist.List(1) = "Tighten" And skingoallist.List(2) =
"Brighten" Then
sgoal = stype & "htb"
ElseIf skingoallist.List(0) = "Hydrate" And skingoallist.List(1) = "Clear skin" And skingoallist.List(2)
= "Anti-pollution" Then
sgoal = stype & "hca"
ElseIf skingoallist.List(0) = "Hydrate" And skingoallist.List(1) = "Clear skin" And skingoallist.List(2) =
"Brighten" Then
sgoal = stype & "hcb"
ElseIf skingoallist.List(0) = "Hydrate" And skingoallist.List(1) = "Anti-pollution" And skingoallist.List(2)
= "Brighten" Then
sgoal = stype & "hab"
```

```

ElseIf skingoallist.List(0) = "Tighten" And skingoallist.List(1) = "Clear skin" And skingoallist.List(2)
= "Anti-pollution" Then
sgoal = stype & "tca"
ElseIf skingoallist.List(0) = "Tighten" And skingoallist.List(1) = "Clear skin" And skingoallist.List(2) =
"Brighten" Then
sgoal = stype & "tcb"
ElseIf skingoallist.List(0) = "Tighten" And skingoallist.List(1) = "Anti-pollution" And skingoallist.List(2)
= "Brighten" Then
sgoal = stype & "tab"
ElseIf skingoallist.List(0) = "Clear skin" And skingoallist.List(1) = "Anti-pollution" And
skingoallist.List(2) = "Brighten" Then
sgoal = stype & "cab"
End If
If skinsenstxt.Text = "Not at all" Then
facecombilbl.Caption = sgoal & "5"
ElseIf skinsenstxt.Text = "Rare" Then
facecombilbl.Caption = sgoal & "6"
ElseIf skinsenstxt.Text = "Occasionally" Then
facecombilbl.Caption = sgoal & "7"
ElseIf skinsenstxt.Text = "Always" Then
facecombilbl.Caption = sgoal & "8"
End If
rFace.MoveFirst
rFace.Filter = "combination like '%" & facecombilbl.Caption & "%"
Call displayF
End Sub
Private Sub Form_Load()
For i = 0 To 3 Step 1
dettxt(i).Text = ""
Next i
facecombilbl.Caption = ""
For i = 0 To 3 Step 1
detbtxt(i).Text = ""
Next i
End Sub
Private Sub nextcmd_Click()
ThankYouFrm.Show
End Sub

```



```

Private Sub nextpcmd_Click()
rFace.MoveNext
If rFace.EOF Then rFace.MoveLast
Call display
End Sub

Private Sub prevpcmd_Click()
rFace.MovePrevious
If rFace.BOF Then rFace.MoveFirst
Call displayF
End Sub

Sub displayF()
dettxt(0).Text = rFace.Fields!pname
dettxt(1).Text = rFace.Fields!bname
dettxt(2).Text = rFace.Fields!price
dettxt(3).Text = rFace.Fields!ptype
End Sub

```

BODY QUERY FORM CODE

```

Dim i As Integer
Dim l As Integer
Dim m As Integer
Dim j As Integer
Private Sub back4cmd_Click()
MDIForm1.Show
Unload Me
End Sub

Private Sub clearcmd_Click()
For i = 0 To 3 Step 1
skintypeopt(i).Value = False
Next i
For i = 0 To 4 Step 1
skingoalchk(i).Value = False
Next i
For i = 0 To 3 Step 1
skinsensopt(i).Value = False
Next i

```

```

End Sub
Private Sub Form_Load()
For i = 0 To 3 Step 1
skintypeopt(i).Value = False
Next i
For i = 0 To 4 Step 1
skingoalchk(i).Value = False
Next i
For i = 0 To 3 Step 1
skinsensopt(i).Value = False
Next i
End Sub
Private Sub okcmd_Click()
j = 0
l = 0
m = 0
i = 0
'SKINTYPE
For i = 0 To 3 Step 1
If skintypeopt(i).Value = True Then
SkinProductDisplayFrm.skintypetxt.Text = skintypeopt(i).Caption
l = l + 1
SkinProductDisplayFrm.Show
'skintype option's caption should go to product display form
End If
Next i
If l = 0 Then
MsgBox "You must select a skin type"
End If
'SKIN SENSITIVENESS
For i = 0 To 3 Step 1
If skinsensopt(i).Value = True Then
m = m + 1
SkinProductDisplayFrm.skinsenstxt.Text = skinsensopt(i).Caption
SkinProductDisplayFrm.Show
'skinsens option's caption should go to product display form
End If

```

```

Next i
If m = 0 Then
MsgBox "You must select your frequency of skin sensitiveness"
End If
'SKIN GOALS
Do
For i = 0 To 4 Step 1
If skingoalchk(i).Value = 1 Then
j = j + 1
End If
Next i
Loop While (j > 5)
If (j = 3) Then
For i = 0 To 4 Step 1
If skingoalchk(i).Value = 1 Then
SkinProductDisplayFrm.skingoallist.AddItem skingoalchk(i).Caption
End If
SkinProductDisplayFrm.Show
Next i
ElseIf (j > 3) Then
MsgBox "select only 3"
SkinProductDisplayFrm.Hide
Else
MsgBox "Select atleast 3"
End If
SkinProductDisplayFrm.facedonecmd.Visible = False
SkinProductDisplayFrm.facecombilbl.Visible = False
SkinProductDisplayFrm.FaceProduct.Visible = False
SkinProductDisplayFrm.backfacecmd.Visible = False
SkinProductDisplayFrm.DataGrid1.Visible = False
End Sub

```

BODY PRODUCT DISPLAY FORM CODE

```

Dim stype As Variant
Dim sgoal As Variant
Private Sub backbodycmd_Click()

```

```
BodyQryFrm.Show
skintypetxt.Text = ""
skinsenstxt.Text = ""
For i = 0 To 3 Step 1
dettxt(i).Text = ""
Next i
skingoallist.Clear
bodycombilbl.Caption = ""
Unload Me
End Sub
Private Sub bodydonecmd_Click()
If skintypetxt.Text = "Normal" Then
stype = "1"
ElseIf skintypetxt.Text = "Dry" Then
stype = "2"
ElseIf skintypetxt.Text = "Oily" Then
stype = "3"
ElseIf skintypetxt.Text = "Combination" Then
stype = "4"
End If
If skingoallist.List(0) = "Hydrate" And skingoallist.List(1) = "Tighten" And skingoallist.List(2)
= "Clear skin" Then
sgoal = stype & "htc"
ElseIf skingoallist.List(0) = "Hydrate" And skingoallist.List(1) = "Tighten" And skingoallist.List(2)
= "Anti-pollution" Then
sgoal = stype & "hta"
ElseIf skingoallist.List(0) = "Hydrate" And skingoallist.List(1) = "Tighten" And skingoallist.List(2) =
"Brighten" Then
sgoal = stype & "htb"
ElseIf skingoallist.List(0) = "Hydrate" And skingoallist.List(1) = "Clear skin" And skingoallist.List(2)
= "Anti-pollution" Then
sgoal = stype & "hca"
ElseIf skingoallist.List(0) = "Hydrate" And skingoallist.List(1) = "Clear skin" And skingoallist.List(2) =
"Brighten" Then
sgoal = stype & "hcb"
ElseIf skingoallist.List(0) = "Hydrate" And skingoallist.List(1) = "Anti-pollution" And skingoallist.List(2)
= "Brighten" Then
sgoal = stype & "hab"
```

```

ElseIf skingoallist.List(0) = "Tighten" And skingoallist.List(1) = "Clear skin" And skingoallist.List(2)
= "Anti-pollution" Then
sgoal = stype & "tca"
ElseIf skingoallist.List(0) = "Tighten" And skingoallist.List(1) = "Clear skin" And skingoallist.List(2) =
"Brighten" Then
sgoal = stype & "tcb"
ElseIf skingoallist.List(0) = "Tighten" And skingoallist.List(1) = "Anti-pollution" And skingoallist.List(2)
= "Brighten" Then
sgoal = stype & "tab"
ElseIf skingoallist.List(0) = "Clear skin" And skingoallist.List(1) = "Anti-pollution" And
skingoallist.List(2) = "Brighten" Then
sgoal = stype & "cab"
End If
If skinsenstxt.Text = "Not at all" Then
bodycombilbl.Caption = sgoal & "5"
ElseIf skinsenstxt.Text = "Rare" Then
bodycombilbl.Caption = sgoal & "6"
ElseIf skinsenstxt.Text = "Occasionally" Then
bodycombilbl.Caption = sgoal & "7"
ElseIf skinsenstxt.Text = "Always" Then
bodycombilbl.Caption = sgoal & "8"
End If
rBody.MoveFirst
rBody.Filter = "combination like '%" & bodycombilbl.Caption & '%"
rBody.MoveFirst
Call displayB
End Sub
Private Sub nextbcmd_Click()
rBody.MoveNext
If rBody.EOF Then rBody.MoveLast
Call displayB
End Sub
Private Sub nextcmd_Click()
ThankYouFrm.Show
End Sub
Private Sub prevbcmd_Click()
rBody.MovePrevious
If rBody.BOF Then rBody.MoveFirst

```

```
Call displayB
End Sub
Sub displayB()
detbtxt(0).Text = rBody.Fields!pname
detbtxt(1).Text = rBody.Fields!bname
detbtxt(2).Text = rBody.Fields!price
detbtxt(3).Text = rBody.Fields!ptype
End Sub
```

ABOUT US FORM CODE

```
Private Sub backcmd_Click()
MDIForm1.Show
End Sub
```

FAQ FORM CODE

```
Private Sub homecmd_Click()
MDIForm1.show
End Sub
```

THANK YOU FORM CODE

```
Private Sub homecmd_Click()
MDIForm1.Show
End Sub
```

```
Private Sub logoutcmd_Click()
WelcomeFrm.Show
End Sub
```

USER LOGIN DATABASE

userid	char(50)
emailid	Varchar(50)
phoneno	Numeric(18,0)
gender	Char(10)
password	Varchar(50)

ADMIN LOGIN DATABASE

adminid	Varchar(20)
pwd	Varchar(20)

HAIR PRODUCTS DATABASE

<u>pid</u>	PRIMARY KEY Varchar(20)
pname	Varchar(20)
Ptype	Varchar(20)
Bname	Varchar(20)
price	Decimal(10,2)
combination	Varchar(20)

FACE PRODUCTS DATABASE

<u>pid</u>	PRIMARY KEY Varchar(20)
pname	Varchar(20)
ptype	Varchar(20)
bname	Varchar(20)
price	Decimal(10,2)
combination	Varchar(20)

BODY PRODUCTS DATABASE

<u>pid</u>	PRIMARY KEY Varchar(20)
pname	varchar(20)
ptype	Varchar(20)
bname	Varchar(20)
price	Decimal(10,2)
combination	Varchar(20)

TESTCASE

TEST CASE [Protected View] - Excel

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PROTECTED VIEW Be careful—files from the Internet can contain viruses. Unless you need to edit, it's safer to stay in Protected View. [Enable Editing](#)

	A	B	C	D	E	F	G	H	I	J	K	L	M
18	14	If hair structure is not selected HAIR , BODY , FACE ADMIN SELECT FORMS	you must select a hair Structure	you must select a hair structure	Pass								
19													
20	15	If all fields are blank	fill the data	fill the data	Pass								
21	16	If price is not numeric	enter numeric value	enter numeric value	pass								
22	17	If wrong keyword given to hair type	enter valid hair type	enter valid hair type	pass								
23	18	If wrong keyword given to hair goal	enter valid hair goal	enter valid hair goal	pass								
24	19	If wrong keyword is given to hair structure	enter valid hair structure	enter valid hair structure	pass								
25													
26													
27													
28													
29													
30													
31													
32													
33													
34													
35													
36													
37													
38													

Sheet1 Sheet2

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VALIDATION

The goals of verification and validation activities are to assess and improve the quality of the work products generated during development and modification of software. Quality attributes of interest include correctness, completeness, consistency, reality, usefulness, efficiency, and conformance of standards, and overall cost effectiveness.

Verification and validation involve assessment of work products to determine conformance to specification. Specification includes the requirements specification, the design documentation, and various stylistic guidelines, implementation languages standards, project standards, organization standards, and user expectation, as well as the meta-specifications for formats and notations used in the various product specifications. The requirements must be examined for conformance to user needs, environmental constraints and notational standards. The design documentation must be verified with respect to the requirements and notational conventions, and the source code must be examined for conformance to the requirements, the design documentation standards. In addition, the supporting documents (user's manual, test plan, principle of operation, etc.) must be examined for correctness, completeness, consistency, and adherence to standards.

Validation is the process of evaluating the software at the end of software development testing is a common method of validation.

CONCLUSION

We believe that our project has met all system objectives after the implementation of the system has been completed. The entire program was tested with sample data and the software developed was founded to be working satisfactorily. Human involvement is minimized so that human error and international tampering of data is minimized. The system is very flexible and user friendly.

The input screens and reports are developed according to the requirement of the user.

It is designed to replace an existing manual record system there by reducing the time taken for calculation and storing data.

This system is strong enough to withstand under where database is maintained and clear over a certain time of span by taking backup of database.

FUTURE ENHANCEMENT

The renovation of the project would increase the flexibility of the system, also the features are: this system is developed in such a way that additional enhancement can be done without much difficulty. It is flexible in such a way that system can also be made better and efficient in functionality. It can be implemented in LAN (Local Area Network). This system has good flexibility of accommodating any more changes that might arise in the future also.