

COMP4910 Senior Design Project 1, Fall 2024

Advisor: Assoc. Prof. Dr. Ömer ÇETİN

GLOWG: Personalized Skin Care Powered by AI

GUI Demo

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Learn Your Skin Type

To continue please log in. → If user hasn't logged in.

Is This Skin Care Product Right for Me?

Suggest Skin Care Products for Me

Login

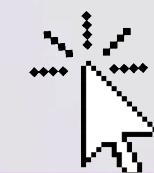
E-mail*

Password*

[Forgot Password?](#)

Login

Don't have an account?
[Register Here](#)



Registration Interface

Glow Genie

E-mail*

Password*

Confirm Password*

Passwords don't match.

Password must contain at least one uppercase letter, one lowercase letter, one number, and one special character.

→ If user's password is weak

Skin Type*

Dry Skin

Normal Skin

Oily Skin

Combination Skin

I don't know my skin type

Skin Color*

Light Skin

Medium Skin

Dark Skin

Allergenic Content

Please enter the allergens in the desired form. Such as Paraben, Alcohol, etc...

→ If user enters allergens in a different form

User Agreement*

Submit

Cancel

→ Returns to home page

Please fill in the mandatory areas.

→ Doesn't proceed unless all areas filled.

This email address is already registered.

Email Verification Interface

Glow Genie

1.

We have sent you an email so we can verify your account.
Could you please check your email address?

If user entered the
code wrong 3 times

2. After a successful submit only 2. pop-up remains on the screen.

Your email address has been verified, you can log in.

Countdown of 7 secs redirects to home page

If confirmation code is wrong
If user received 2 different codes
and still tries to request more

We sent a code to your e-mail
address please enter the 4-digit
code.

You've entered the wrong code 3 times,
please request a new one.



Re-sent the code.
Confirmation code is not correct.
Please wait 10 mins to request a new code.

Submit

Learn Your Skin Type

Is This Skin Care
Product Right for
Me?

Suggest Skin Care
Products for Me

If login is not successful (e-mail is
not in the db or password doesn't match)

Login

E-mail*

Password*

[Forgot Password?](#)

Please fill in the mandatory areas.
Login information is incorrect. Try again.

Login

Don't have an account?
[Register Here](#)

Learn Your Skin Type

Is This Skin Care Product Right for Me?

Suggest Skin Care Products for Me

system terminates the user's session and redirects them to the main page.

Profile



E-mail

Skin Type

Skin Tone

Allergens: Paraben, Alcohol, etc...

Change Password

Log Out

Update

Glow Genie

Update Users' information

Let's

Skin Type

Dry

Oily

Combination

Skin Tone

Light Skin

Medium Skin

Dark Skin

Or

User can update all their information.

Profile



E-mail

This email is already registered.

Skin Type

Skin Tone

Allergens: Paraben, Alcohol, etc...

Please enter the allergens in the desired form.
Such as Paraben, Alcohol, etc...

Change Password

Log Out

Cancel

Update

I want to update my password.

Glow Genie

1.

Password must contain at least one uppercase letter, one lowercase letter, one number, and one special character.

Please enter your new password

New Password*

Confirm Password*

Passwords don't match.

Your new password is saved.

Submit

Cancel

If both passwords don't match

If user's password is weak

2.

We sent a code to your e-mail address please enter the 4-digit code.

You've entered the wrong code 3 times, please request a new one.

If user entered the code wrong 3 times

Re-sent the code.

Confirmation code is not correct. Please wait 10 mins to request a new code.

Submit

If confirmation code is wrong

If user received 2 different codes and still tries to request more

Glow Genie

Learn Your Skin Type

Is This Skin Care
Product Right for
Me?

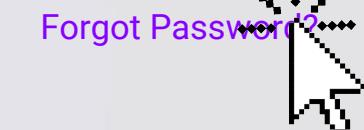
Suggest Skin Care
Products for Me

Login

E-mail*

Please enter your email address first.

Password*



Login

Don't have an account?
Register Here

I forgot my password

Glow Genie

1.

Password must contain at least one uppercase letter, one lowercase letter, one number, and one special character.

Please enter your new password

New Password*

Confirm Password*

Passwords don't match.

Your new password is saved.

Submit

Cancel

If both passwords don't match

If user's password is weak

2.

We sent a code to your e-mail address please enter the 4-digit code.

You've entered the wrong code 3 times, please request a new one.

If user entered the code wrong 3 times

Re-sent the code.

Confirmation code is not correct.
Please wait 10 mins to request a new code.

Submit

If confirmation code is wrong

If user received 2 different codes and still tries to request more

Glow Genie

Learn Your Skin Type



Is This Skin Care
Product Right for
Me?

Suggest Skin Care
Products for Me

Profile



E-mail

Skin Type



Skin Tone



Allergens: Paraben, Alcohol, etc...

Change Password

Log Out

Update



Discover Your Skin Type

Answer a few questions to find out which skin type matches you best. It only takes a few minutes!

1. How often does your skin feel oily or shiny, especially in the T-zone (forehead, nose, and chin)?*

- Rarely
- Sometimes
- Frequently
- Always

2. How often does your skin feel oily or shiny, especially in the T-zone (forehead, nose, and chin)?*

- Rarely
- Sometimes
- Frequently
- Always

..
..
..

Submit

Your skin type is... [Skin Type]

Please fill in the mandatory areas.



If user didn't answer all the questions.

Glow Genie

Learn Your Skin Type

Is This Skin Care
Product Right for
Me?

Suggest Skin Care
Products for Me



Profile



E-mail

Skin Type

Skin Tone

Allergens: Paraben, Alcohol, etc...

Change Password

Log Out

Update

Take the test pop-up

Glow Genie

To proceed further we need to know your skin type.
Do you know your skin type? If yes please update it from
your profile. If no you can solve our quiz.

Click the button below to go to Home
Page to update your skin type

[Return to Home Page](#)

Click the button below and take the quiz to
find out your skin type

[Solve the Quiz](#)

If user tries to use functions 2.6 and 2.7 with their skin type saved as “I don’t know” in database--> take the test pop up

Product Suitability Interface

Glow Genie

By clicking user can go back to the homepage



Your skin type is...[Skin Type]

Enter the product or products you want to find out whether the products are suitable for your skin type. You can only enter maximum of 10 skin care products at once.

Product1, Product2...

Submit

Please enter the products in the desired form. Such as Product1, Product2, etc...

The product or products suitable for your skin type

Product Name

Ingredient 1, Ingredient 2...

The product or products are not suitable for your skin type

Product Name

Ingredient 1, Ingredient 2...

Product Name

Ingredient 1, Ingredient 2...

Product Name

Ingredient 1, Ingredient 2...



Your skin type is...[Skin Type]

Enter the product or products you want to find out whether the products are suitable for your skin type:

Product Name

Product1, Product2...



Submit

Ingredient1, Ingredient2

- The product or products suitable for your skin type
- The product or products are not suitable for your skin type
-

Product Name

Ingredient 1, Ingredient 2...

Ingredient3 makes this products suitable for your skin type.

Product Name

Ingredient 1, Ingredient 2...

Product Name

Ingredient 1, Ingredient 2...

Product Name

Ingredient 1, Ingredient 2...



Your skin type is...[Skin Type]

Enter the product or products you want to find out whether the products are suitable for your skin type:

Product Name

Product1, Product2...



Submit

Ingredient1, Ingredient2

- The product or products are not suitable for your skin type
-
-

Product Name

Ingredient 1, Ingredient 2...

Ingredient3 makes this product unsuitable for your skin type.

Product Name

Ingredient 1, Ingredient 2...

Product Name

Ingredient 1, Ingredient 2...

Product Name

Ingredient 1, Ingredient 2...

Glow Genie

Learn Your Skin Type

Is This Skin
Care Product Right
for Me?

Suggest Skin Care
Products for Me



Profile



E-mail

Skin Type



Skin Tone



Allergens: Paraben, Alcohol, etc...

Change Password

Log Out

Update

Product recommendation interface *Glow Genie*

By clicking user can go back to the homepage



Your skin type is... [Skin Type]

Product category you would like us to recommend:

Cleanser

Toner

Serum

Sunscreen

Moisturizer

Chosen for you:

Selected Category1:

Product Name
Ingredient 1, Ingredient 2...

Product Name
Ingredient 1, Ingredient 2...

Product Name
Ingredient 1, Ingredient 2...

[View More...](#)

Selected Category2:

Product Name
Ingredient 1, Ingredient 2...

Product Name
Ingredient 1, Ingredient 2...

Product Name
Ingredient 1, Ingredient 2...

[View More...](#)

Selected Category3:

Product Name
Ingredient 1, Ingredient 2...

Product Name
Ingredient 1, Ingredient 2...

Product Name
Ingredient 1, Ingredient 2...

[View More...](#)

The more categories the user selects, the more columns are created.



Your skin type is... [Skin Type]

Product category you would like us to recommend:

Cleanser

Toner

Serum

Sunscreen



Moisturizer

Chosen for you:

Selected Category1

Product Name
Ingredient 1, Ingredient 2...

Product Name
Ingredient 1, Ingredient 2...

Product Name
Ingredient 1, Ingredient 2...

Product Name

Ingredient1, Ingredient2

Selected Category2

Selected Category3:

Product Name
Ingredient 1, Ingredient 2...

Product Name
Ingredient 1, Ingredient 2...

Product Name
Ingredient 1, Ingredient 2...

Ingredient3 makes this product suitable for
your skin type.

[View More...](#)

[View More...](#)

[View More...](#)



Your skin type is... [Skin Type]

Product category you would like us to recommend:

Cleanser

Toner

Serum

Sunscreen



Moisturizer

Chosen for you:

Selected Category1

Product Name
Ingredient 1, Ingredient 2...

Product Name
Ingredient 1, Ingredient 2...

Product Name
Ingredient 1, Ingredient 2...

Product Name

Ingredient1, Ingredient2

Selected Category2

Selected Category3

Ingredient3 makes this product unsuitable
for your skin type.

Product Name
Ingredient 1, Ingredient 2...

Product Name
Ingredient 1, Ingredient 2...

Product Name

Product Name

Product Name
Ingredient 1, Ingredient 2...

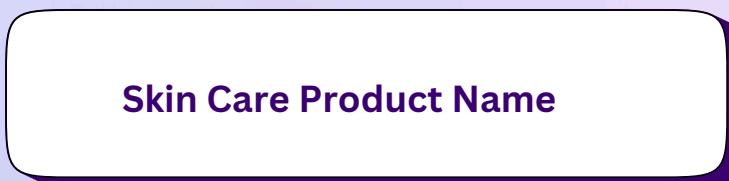
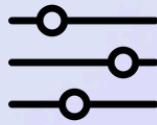
Product Name
Ingredient 1, Ingredient 2...

[View More...](#)

[View More...](#)

[View More...](#)

Our registered products that we can recommend to you

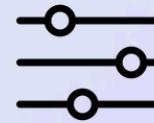


View More...





Our registered products that we can recommend to you



User can filter the all products by category

Product Category



Cleanser

Toner

Serum

Product Name

View More...