

REVOLUTIONIZING FASHION THROUGH PERSONALIZED SHOPPING MSC COMPUTER SCIENCE

AI DRIVEN FASHION STORE APP

UCHECHUKWU ANINTA

ANI22512677

Ucjayy AI Fashion Store

Login

Register

AI Filter (enter a prompt):

e.g., Show me casual men's wear under \$50

Apply AI Filter

Reset AI Filter

Age Range



Profession



Size



Gender



Brand



Budget



Body Type



Select Occasions



Reset Filters

Apply Filters

No items available.

Previous

1

2

3

Next

"Login & Query System for Personalized Fashion Suggestions"

- Users interact with a Bootstrap-powered frontend to register, log in, and enter fashion-related queries. The backend API handles authentication, processes the input, and connects with the AI system to generate personalized clothing suggestions, which are then sent back to the user for a tailored and interactive fashion experience.

Create Your Fashion Account

Email address	<div>Password</div> <div>PasswordShow</div>	<div>Confirm Password</div> <div>Confirm PasswordShow</div>
<div>Age Range</div> <div>Select Age Range</div>	<div>Gender</div> <div>Select Gender</div>	
<div>Clothing Size</div> <div>Clothing Size</div>	<div>Style Preference</div> <div>Preferred Style</div>	<div>Monthly Budget</div> <div>Budget Range</div>
<div>Favorite Brands</div> <div>Brand Preference</div>	<div>Body Type</div> <div>Body Type</div>	
<div>Favorite Colors</div> <div>Separate colors with commas (e.g., Red, Blue)</div>		
<input type="checkbox"/> Prefer Eco-Friendly Fashion		
<div>Create Account</div>		

Already have an account? [Log In](#)

API VIEW AND REGISTRATION


Create Your Fashion Account

Email address anin@roehampton.ac.uk	Password 1234 Hide	Confirm Password Confirm Passwc ⓘ Show
This password is too short. It must contain at least 8 characters.		
Age Range 18-24	Gender Male	
Clothing Size Medium	Style Preference Formal	Monthly Budget \$0 - \$50
Favorite Brands EcoChic	Body Type Athletic	
Favorite Colors blue		<input type="checkbox"/> Prefer Eco-Friendly Fashion
Separate colors with commas (e.g., Red, Blue)		
Create Account		

PASSWORD AUTHENTICATION

- password must be eight characters and not short..
- To protect user data and access personalized fashion recommendations, the system uses password authentication.
- Users must create a password with **at least 8 characters**.
- This rule ensures stronger security by preventing easy-to-guess or weak passwords.

Create Your Fashion Account

Email address
anintagoodness@yahoo. 

User with this Email already exists.

Password

Password

Show

Confirm Password

Confirm Password

Show

Age Range
Under 18

Gender
Female

Clothing Size
Medium

Style Preference
Casual

Monthly Budget
\$0 - \$50

Favorite Brands
Zara

Body Type
Hourglass

Favorite Colors
red

☐ Prefer Eco-Friendly Fashion

Separate colors with commas (e.g., Red, Blue)

Create Account

Already have an account? [Log In](#)

Email Authentication implementation.

- If authentication fails ,an error message is displayed or already exists

My Recommendations



Green Maxi dress

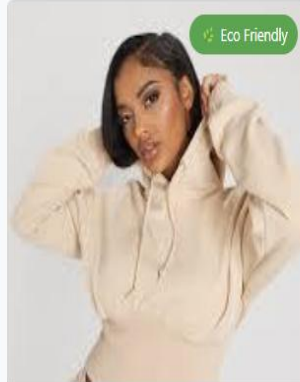
The Asali Maxi Wrap Dress is a blend of fun and classy It's made from breathable lightweight and soft fabric that's patterned with vibrant blooms and has a floaty silhouette.

\$20.00

Size: M

Brand: Zara

Body Type: Hourglass



Eco Friendly

Shirred waist hoodie

Shape Mocha Sweat Cropped Shirred Waist Hoodie

\$25.00

Size: M

Brand: EcoChic

Body Type: Petite



V-Neck Long Sleeve Dress

Simple Design V-Neck Long Sleeve Solid Color Bodycon Dress For Women

\$124.99

Size: S

Brand: Zara

Body Type: Hourglass

Save your password?



Your password will autofill the next time and will be saved to your Microsoft account

Username

uche@yahoo.com



Password



Save

Not now



Winter Office Ladies Skirt Suit

Fashion High Quality Autumn Winter Office Ladies Skirt Suit B Black Purple Green Women Business Work Wear Formal Two Piece Set

\$230.00

Size: M

Brand: H&M

Body Type: Petite



"User Journey: From Prompt to Personalized Clothing Recommendations"

- The user enters a prompt asking for clothing suggestions. The system may prompt them to save a password for personalization or login. The AI processes the request using NLP, understands the occasion or preference, and generates personalized clothing recommendations using filtering techniques, past behavior, and product attributes.

AI Filter (enter a prompt):

i want mens wear

Apply AI Filter

Reset AI Filter

Age Range



Profession



Size



Gender



Brand



Budget



Body Type



Select Occasions



Reset Filters

Apply Filters

**Slim fit suit**

Double Breasted Slim Fit Suit - Dark Green Suit - Taped Fit Pants

\$45.00

Size: XL

Occasion: **Work****Mandarin Collar Self**

Men's Cotton Blend Mandarin Collar Self One Design Full Sleeve Casual Short Kurta

\$130.00

Size: M

Occasion: **Party****Regular Fit Shirt**

Men Stylish Regular Fit Shirt (Rib- Regular Fit Shirt

\$124.00

Size: L

Occasion: **Casual****men wedding suit**

WINTAGE Men's Polyester Cotton and Evening 3 Pc Suit

\$233.00

Size: XL

AI-Powered Personalized Clothing Recommendation Process

The user enters a prompt asking for clothing suggestions.

The AI processes the input, identifies preferences, occasion, and context using natural language processing, then recommends outfits.

Recommendations are generated using filtering methods based on user history, style tags, and clothing attributes, providing the user with personalized and relevant clothing choices.