

Scentinel: How to Use

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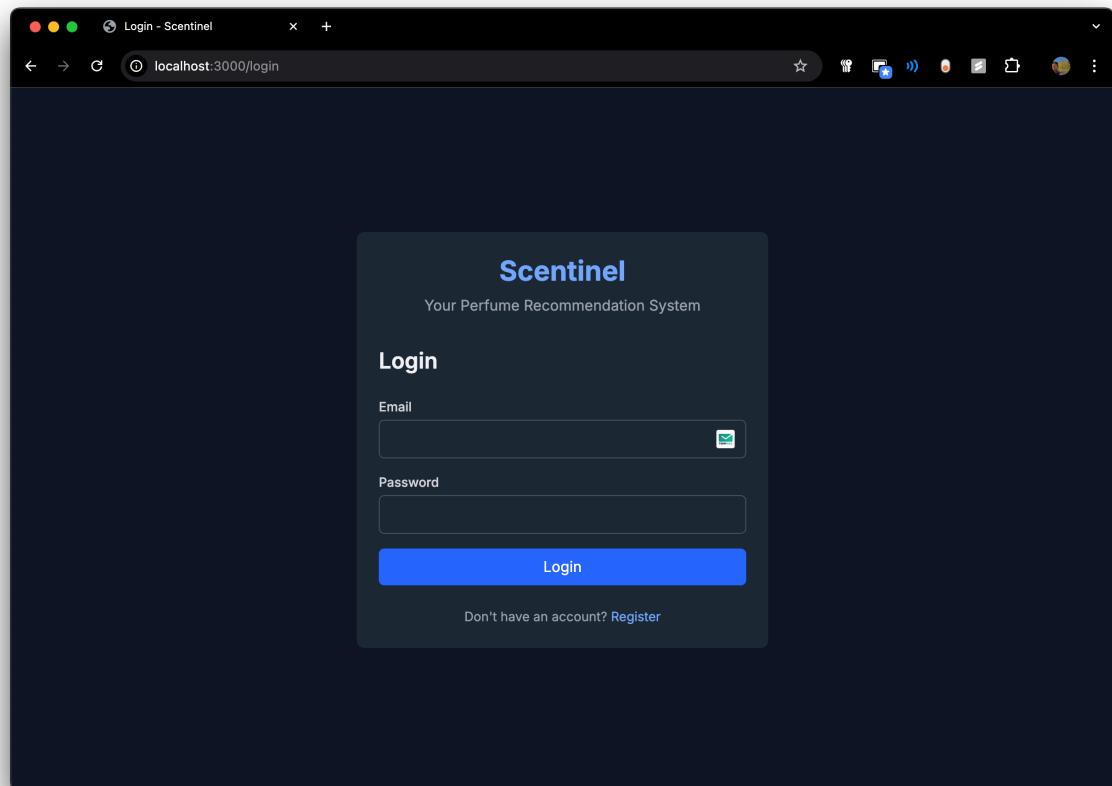
<https://github.com/itsdivyanshjha/Scentinel.git>

1. GETTING STARTED

Accessing Scentinel

1. **Open your web browser** (Chrome, Firefox, Safari, or Edge)
2. **Navigate to:** <http://localhost:3000>
3. **You'll be automatically redirected** to the login page

What you'll see: The Scentinel welcome screen with the tagline "Your Perfume Recommendation System"



2. ACCOUNT CREATION & LOGIN

First-Time Users: Creating an Account

Step 1: Navigate to Registration

- On the login page, click the "**Register**" link at the bottom
- You'll be taken to `localhost:3000/register`

Step 2: Fill Registration Form

- **Email Address:** Enter your valid email (e.g., `jhadivyansh29@gmail.com`)
- **Password:** Create a secure password (hidden with dots for security)
- **Confirm Password:** Re-enter your password to verify
- Click the "**Register**" button

Step 3: Account Creation Success

- You'll be automatically logged in and redirected to the ranking page
- Your account is now created and ready to use

Returning Users: Logging In

Step 1: Access Login Page

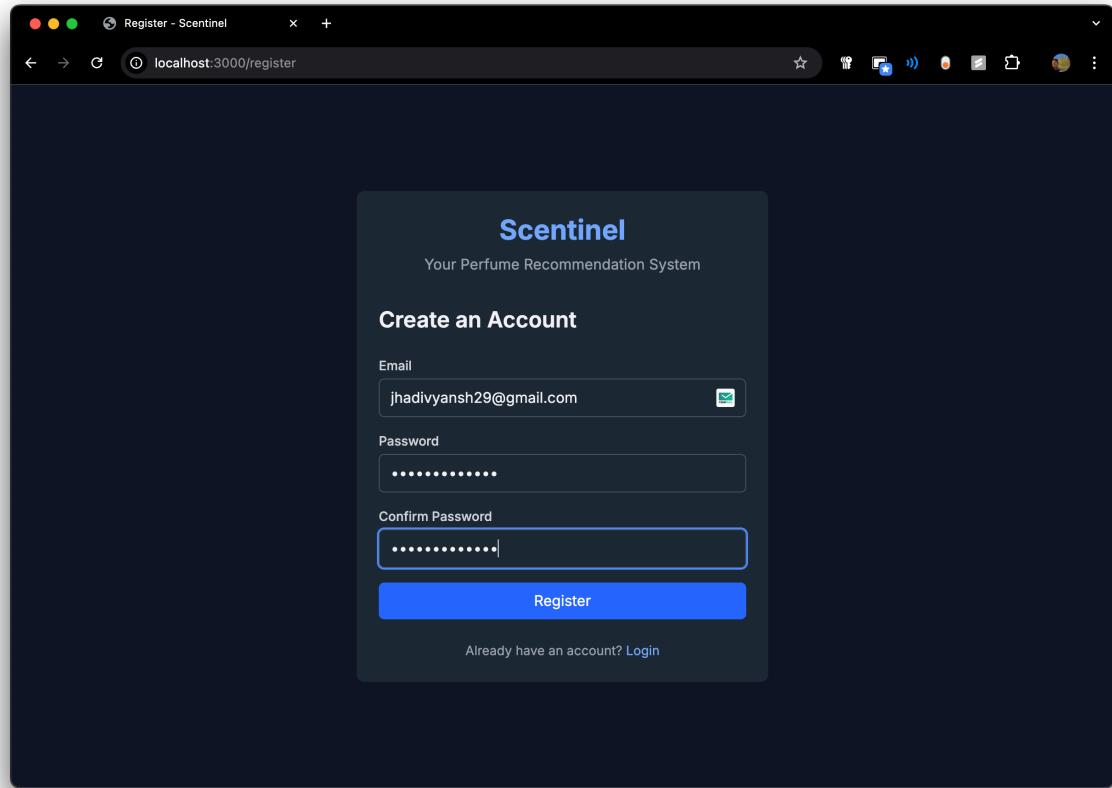
- Navigate to `localhost:3000/login` or click "Login" if on register page

Step 2: Enter Credentials

- **Email:** Enter your registered email address
- **Password:** Enter your password
- Click the "**Login**" button

Step 3: Successful Login

- You'll be redirected to the perfume ranking interface
- Your session will remain active until you logout



3. PERFUME RANKING PROCESS

Understanding the Ranking Interface

Page Overview: localhost:3000/rank

- **Navigation Bar:** Shows "Scentinel", "Rank Perfumes", "Recommendations", theme toggle, and "Logout"
- **Main Title:** "Rank Your Perfumes"
- **Instructions:** "Drag and drop the perfumes to rank them from 1 (most liked) to 10 (least liked)"

How to Rank Perfumes

Step 1: Review the Perfume List

You'll see 10 carefully selected perfumes, each displaying:

- **Rank Number:** Blue circular badge (1-10)
- **Perfume Name:** Full product name
- **Brand:** Manufacturer or house name
- **Fragrance Notes:** Key scent components (e.g., "Licorice, bitter orange, cedar, vetiver, tonka bean")

Example Perfumes Shown:

1. **Audace Eau de Parfum** (Profumum) - Licorice, bitter orange, cedar, vetiver, tonka bean
2. **Mojave Ghost Hair Perfume** (BYREDO)

3. **Memoirs of a Trespasser Eau de Parfum** (Imaginary Authors) - Madagascar vanilla, guaiacwood, myrrh, benzoin resin, ambrette seeds, oak barrels
4. **Pavillon Rouge Eau de Parfum** (Jovoy Paris) - Spices, sesame, whisky, rum, coffee, tobacco, tea, leather, vanilla, ebony wood, benzoin
5. **Note de Yuzu Eau de Parfum** (HEELEY) - Yuzu, lemon, mandarine, sea salt, vetiver, white musk

Rank Your Perfumes

Drag and drop the perfumes to rank them from 1 (most liked) to 10 (least liked).

Rank	Perfume Name	Brand	Notes
1	Audace Eau de Parfum	Profumum	Notes: Licorice, bitter orange, cedar, vetiver, tonka bean
2	Mojave Ghost Hair Perfume	BYREDO	
3	Memoirs of a Trespasser Eau de Parfum	Imaginary Authors	Notes: Madagascar vanilla, guaiacwood, myrrh, benzoin resin, ambrette seeds, oak barrels
4	Pavillon Rouge Eau de Parfum	Jovoy Paris	Notes: Spices, sesame, whisky, rum, coffee, tobacco, tea, leather, vanilla, ebony wood, benzoin
5	Note de Yuzu Eau de Parfum	HEELEY	Notes: Yuzu, lemon, mandarine, sea salt, vetiver, white musk

Step 2: Drag and Drop to Reorder

- **Click and hold** any perfume card
- **Drag it** to your desired position
- **Drop it** in the new location
- The ranking numbers will automatically update
- **Repeat** until your preferences are accurately reflected

Step 3: Consider Your Preferences

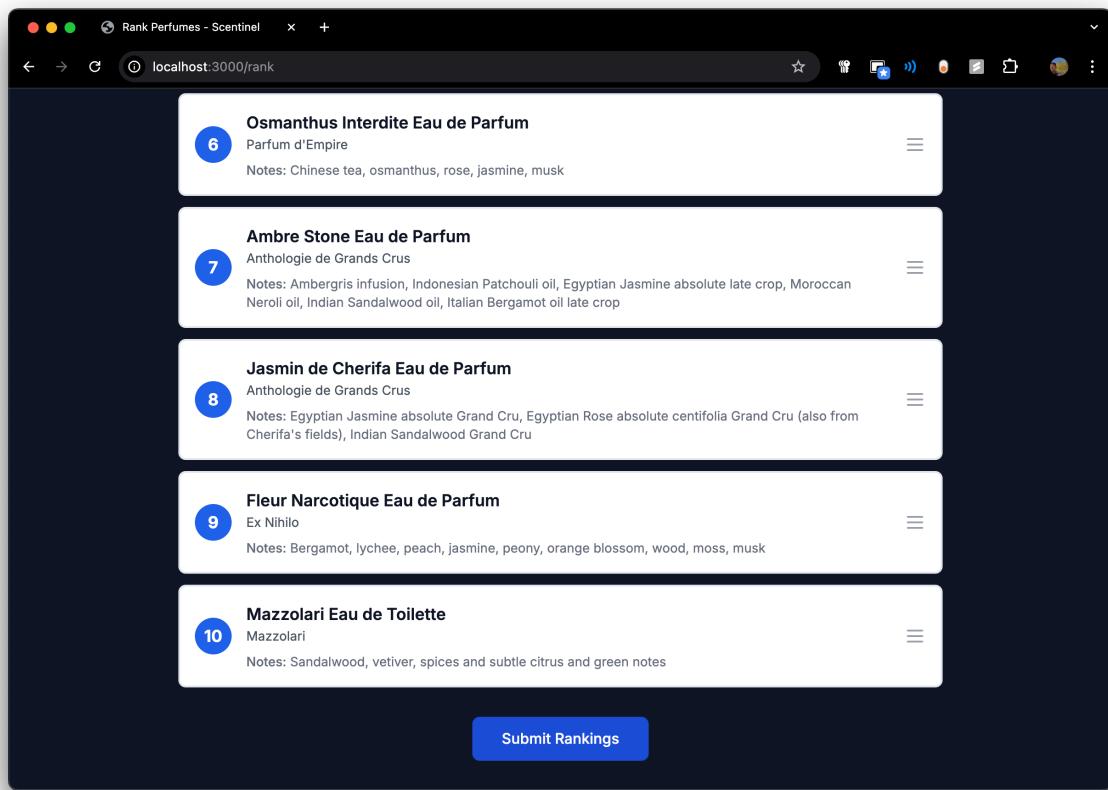
Think about:

- **Scent families** you enjoy (floral, woody, oriental, fresh)
- **Specific notes** that appeal to you
- **Occasions** when you'd wear each fragrance
- **Personal associations** with certain scents

Step 4: Submit Your Rankings

- Once satisfied with your order, scroll to the bottom

- Click the "Submit Rankings" button
- Your preferences will be processed by the AI recommendation engine



4. RECEIVING RECOMMENDATIONS

The AI Processing Phase

Loading Screen: `localhost:3000/recommend`

- **Visual Indicator:** Animated flower icon with rotating border
- **Status Message:** "Crafting your perfect fragrance matches..."
- **Processing Time:** Typically 5-15 seconds

What's Happening Behind the Scenes:

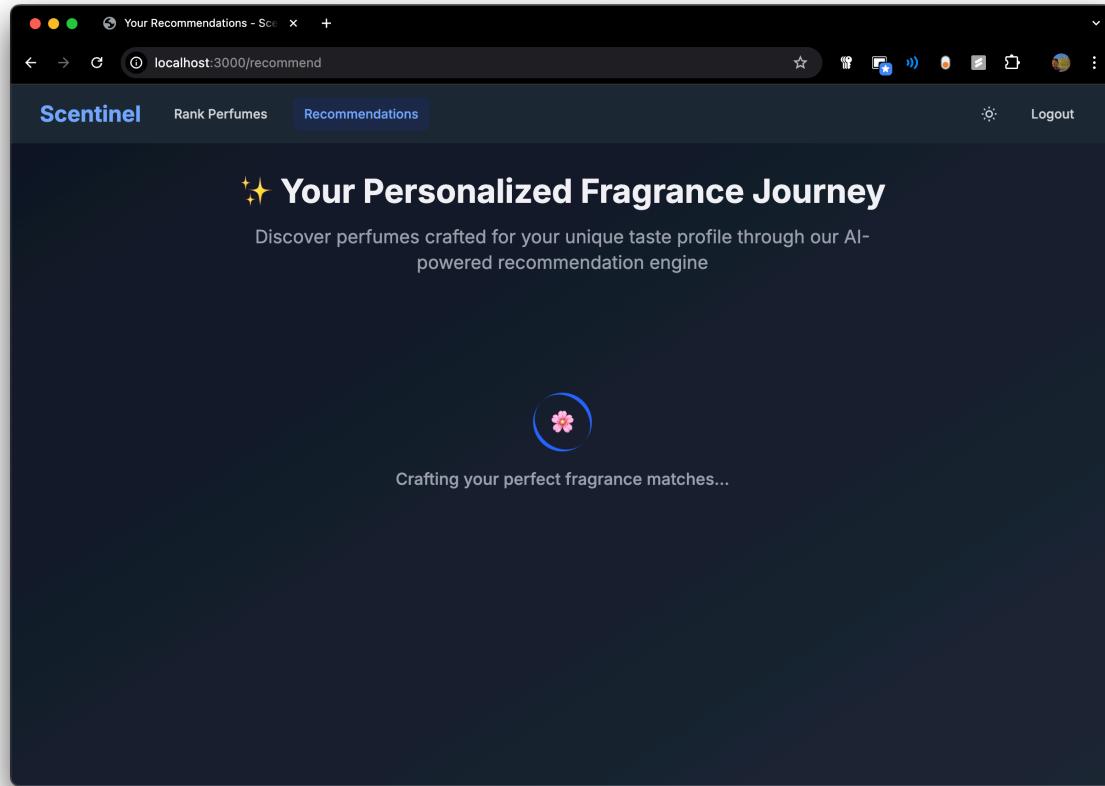
- Your rankings are analyzed by three ML models (RankNet, DPL, BPR)
- Perfume embeddings are calculated based on notes and characteristics
- Similarity algorithms find fragrances matching your taste profile
- Results are ranked by predicted compatibility

Viewing Your Recommendations

Results Display:

- **Header:** "✨ Your Personalized Fragrance Journey"

- **Subtitle:** "Discover perfumes crafted for your unique taste profile through our AI-powered recommendation engine"
- **Badge:** "🌸 10 Personalized Recommendations"



Recommendation Cards (Top 3 shown prominently):

#1 Recommendation - La Chasse Aux Papillons Eau de Toilette

- **Brand:** L'Artisan Parfumeur
- **Image:** Product bottle visualization
- **Fragrance Notes:** Linden blossom, lemon tree blossom, orange blossom, jasmine, tuberose
- **Description Preview:** "A euphoric medley of fresh-cut spring flowers. Exquisitely romantic and gossamer light. Perfectly..."
- **Action Button:** "Click to view details →"

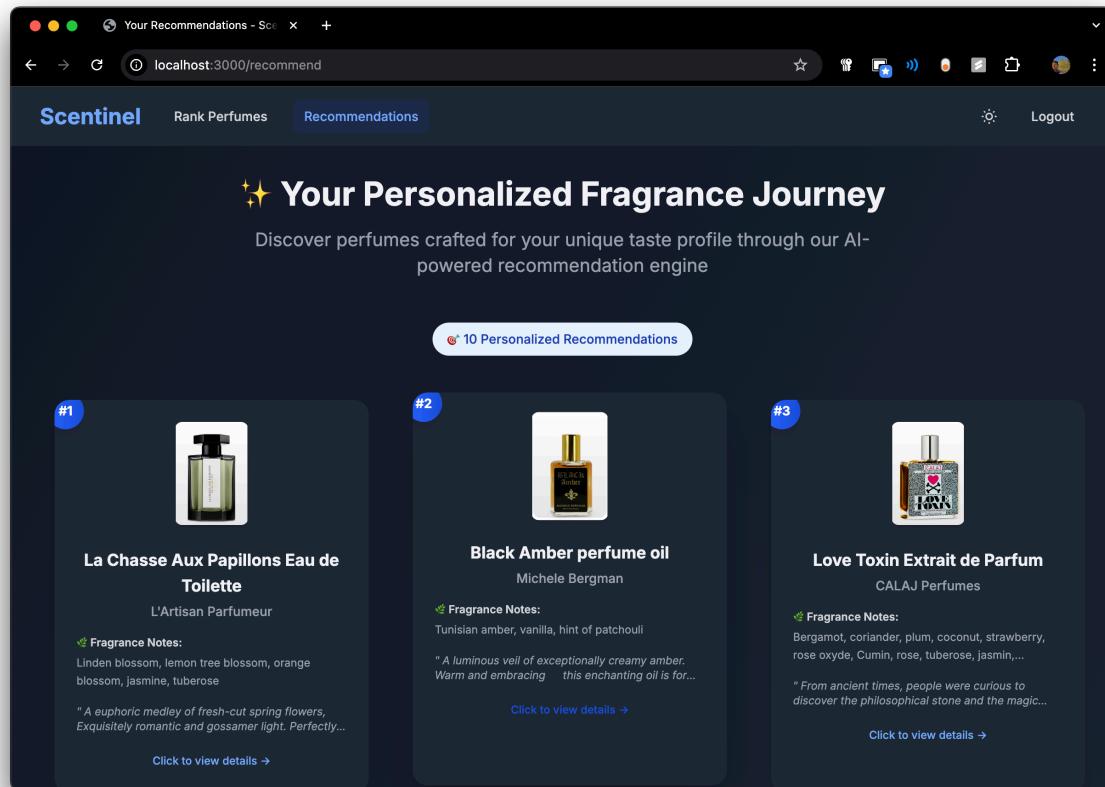
#2 Recommendation - Black Amber Perfume Oil

- **Brand:** Michele Bergman
- **Fragrance Notes:** Tunisian amber, vanilla, hint of patchouli
- **Description Preview:** "A luminous veil of exceptionally creamy amber. Warm and embracing, this enchanting oil is for..."
- **Action Button:** "Click to view details →"

#3 Recommendation - Love Toxin Extrait de Parfum

- **Brand:** CALAJ Perfumes

- **Fragrance Notes:** Bergamot, coriander, plum, coconut, strawberry, rose oxyde, cumin, rose, tuberose, jasmin...
- **Description Preview:** "From ancient times, people were curious to discover the philosophical stone and the magic..."
- **Action Button:** "Click to view details →"



5. EXPLORING DETAILED INFORMATION

Accessing Perfume Details

Method 1: Click "View Details"

- Click the "Click to view details →" link on any recommendation card
- A detailed modal window will open

Method 2: Click Product Image

- Click directly on the perfume bottle image
- Same detailed view will appear

Detailed Information Modal

Modal Components:

- **Header:** Perfume name and brand in blue header bar
- **Product Image:** High-quality bottle visualization on the right

- **Close Button:** X button in top-right corner

Fragrance Notes Section:

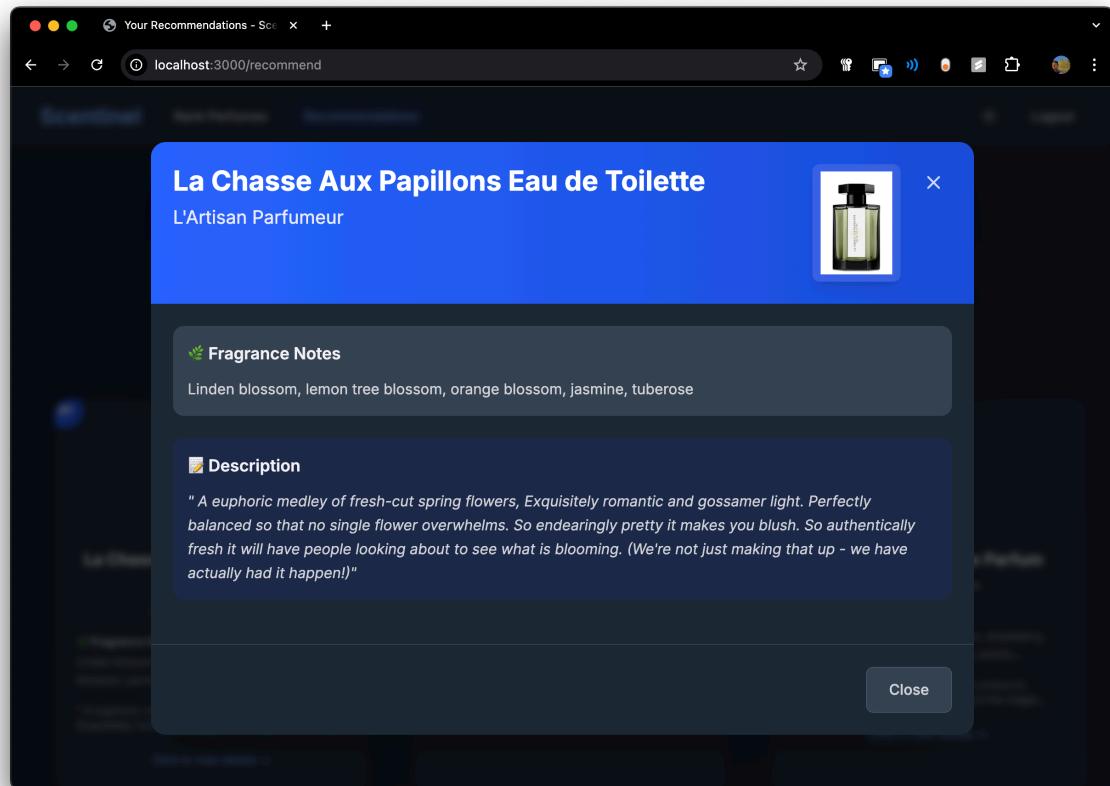
- **Icon:** 🌱 leaf symbol
- **Title:** "Fragrance Notes"
- **Content:** Complete list of scent components
- **Example:** "Linden blossom, lemon tree blossom, orange blossom, jasmine, tuberose"

Description Section:

- **Icon:** 📄 document symbol
- **Title:** "Description"
- **Content:** Full product description with poetic language
- **Example:** "A euphoric medley of fresh-cut spring flowers, Exquisitely romantic and gossamer light. Perfectly balanced so that no single flower overwhelms. So endearingly pretty it makes you blush. So authentically fresh it will have people looking about to see what is blooming. (We're not just making that up - we have actually had it happen!)"

Closing the Modal:

- Click the **"Close"** button
- Click outside the modal area
- Press the **Escape** key



6. RE-RANKING FOR NEW RECOMMENDATIONS

Getting Fresh Recommendations

Step 1: Return to Ranking

- Click "**Rank Perfumes**" in the navigation bar
- You'll return to `localhost:3000/rank`

Step 2: Adjust Your Rankings

- The perfumes may be in a different order
- Re-rank them based on:
 - **Evolving preferences** after seeing initial recommendations
 - **Different mood** or occasion considerations
 - **Seasonal preferences** (lighter vs. heavier scents)
 - **Refined understanding** of your taste profile

Step 3: Submit New Rankings

- Click "**Submit Rankings**" again
- The AI will generate a new set of recommendations
- **Result:** Different perfumes that match your updated preferences

Why Re-rank?

Benefits of Multiple Rankings:

- **Discover variety** in fragrance families
- **Explore different occasions** (day vs. evening, casual vs. formal)
- **Seasonal adaptation** (fresh for summer, warm for winter)
- **Mood-based selection** (energizing vs. calming scents)
- **Refine accuracy** as you learn more about your preferences

7. INTERFACE FEATURES

Navigation Bar

Left Side:

- **Scentinel Logo:** Returns to main page when clicked
- **Rank Perfumes:** Access the ranking interface
- **Recommendations:** View your current recommendations

Right Side:

- **Theme Toggle:**  Switch between dark and light modes
- **Logout:** End your session and return to login page

Theme Options

Dark Mode (Default):

- Dark blue/navy background

- White text for easy reading
- Blue accent colors for buttons and highlights
- Modern, sophisticated appearance

Light Mode:

- White/light gray background
- Dark text for readability
- Same blue accent colors maintained
- Clean, minimalist appearance

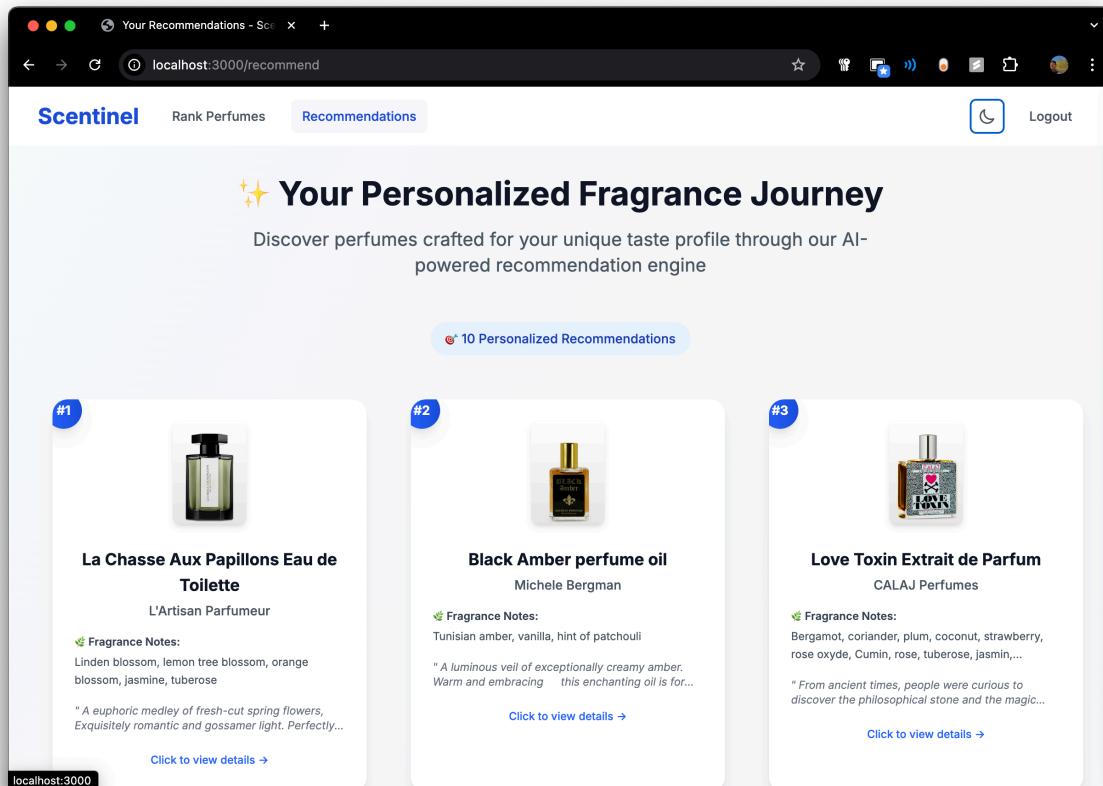
Responsive Design

Desktop Experience:

- Full-width layout with optimal spacing
- Hover effects on interactive elements
- Keyboard navigation support

Mobile Compatibility:

- Touch-friendly drag and drop
- Responsive card layouts
- Optimized for smaller screens



8. TIPS FOR BEST RESULTS

Ranking Strategy

Be Honest with Preferences:

- Rank based on **actual appeal**, not perceived sophistication
- Consider **personal associations** and memories
- Think about **when and where** you'd wear each scent

Consider Note Families:

- **Fresh/Citrus:** Energizing, clean, suitable for daytime
- **Floral:** Romantic, feminine, versatile for many occasions
- **Woody:** Sophisticated, unisex, great for cooler weather
- **Oriental/Spicy:** Bold, evening-appropriate, attention-grabbing

Maximizing Recommendation Quality

Multiple Sessions:

- Try ranking **different times of day** for varied results
- **Seasonal ranking** for weather-appropriate suggestions
- **Mood-based ranking** for different emotional states

Learning Process:

- **First round:** Discover your general preferences
- **Second round:** Refine based on initial recommendations
- **Subsequent rounds:** Explore specific fragrance families or occasions

Understanding Your Results

Recommendation Patterns:

- **Similar notes** appearing across recommendations indicate strong preferences
- **Brand clustering** suggests affinity for certain perfume houses
- **Concentration types** (EDT, EDP, Extrait) reveal intensity preferences

Acting on Recommendations:

- **Research online** for reviews and additional information
- **Visit fragrance counters** to test recommended scents
- **Start with samples** before purchasing full bottles
- **Keep notes** on which recommendations you actually enjoy

CONCLUSION

Scentinel's AI-powered recommendation system learns from your preferences to suggest fragrances you're most likely to love. The more you interact with the system through re-ranking and exploring recommendations, the better it becomes at understanding your unique taste profile.

Remember: Fragrance is deeply personal, and these recommendations serve as a starting point for your olfactory journey. Use them to discover new scent families, brands, and combinations you might not have

considered otherwise.

Happy fragrance hunting! 
