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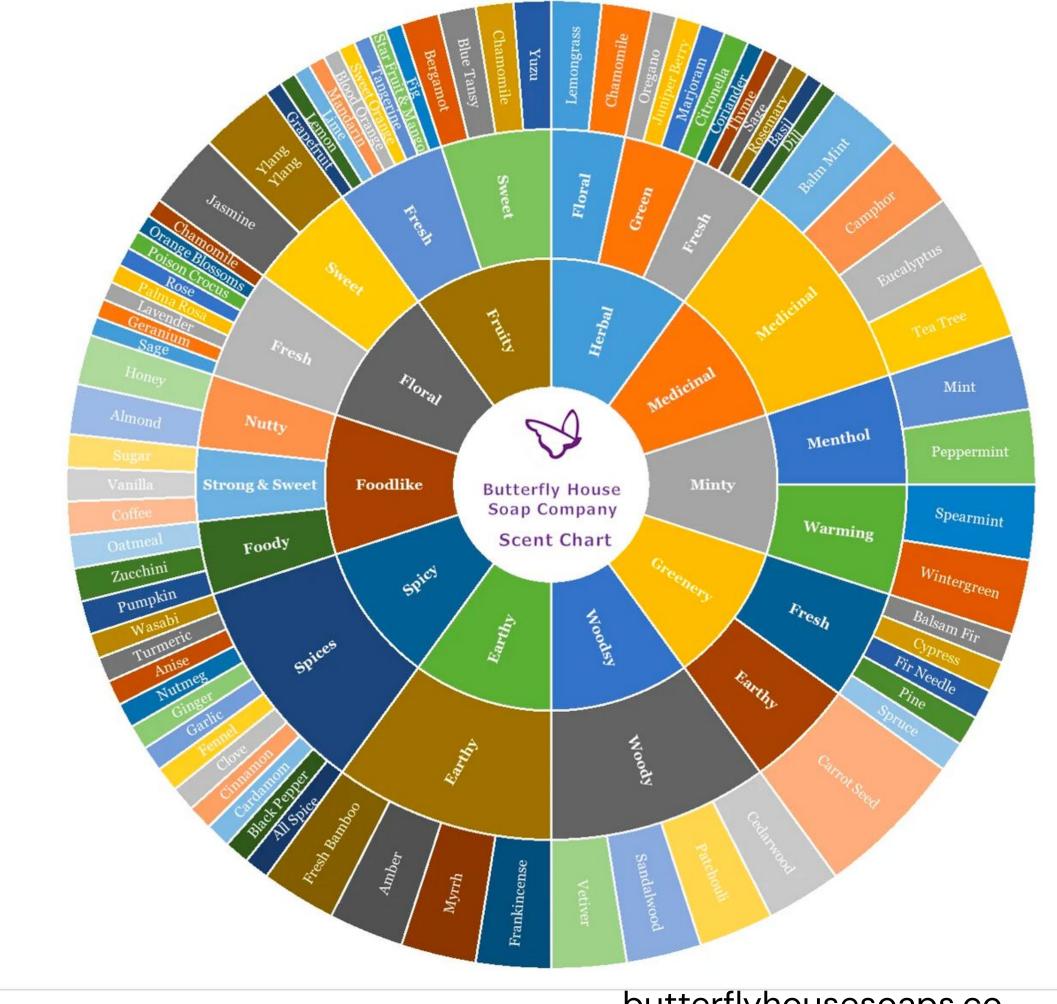
O.<u>Background</u>

- Goal
- Data collection
- <u>Data schema</u>
- Application Framework
- Result



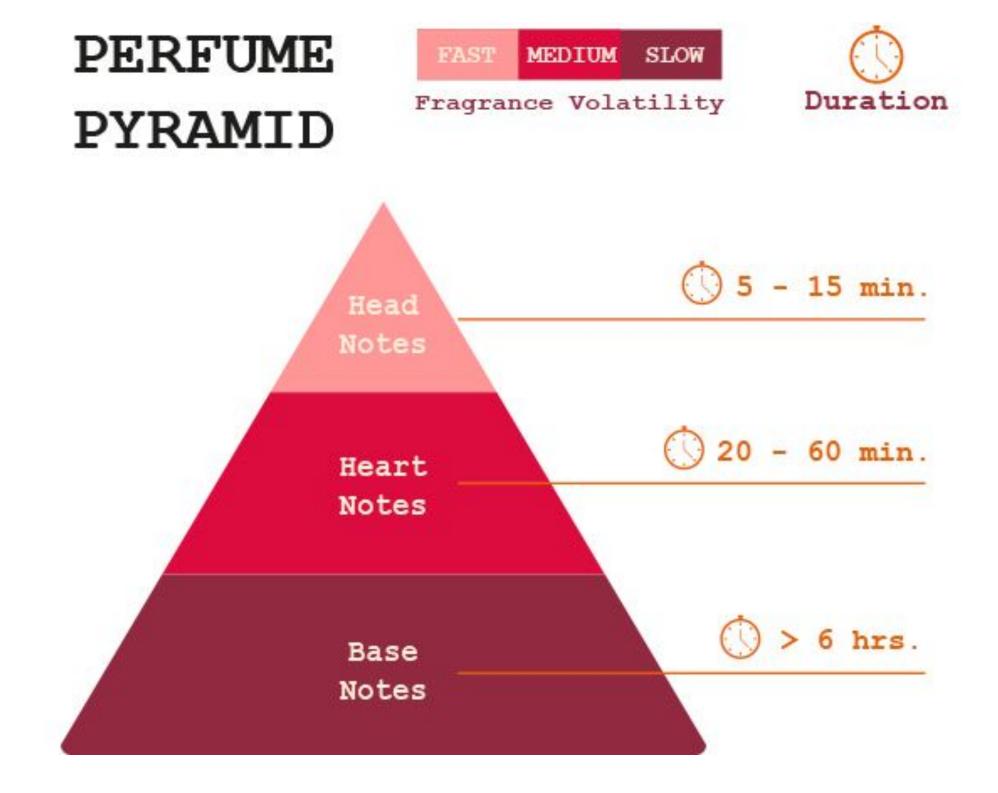
0. Background Why Choosing Perfume is Hard?

• Different scent groups



butterflyhousesoaps.co

- <u>Different scent groups</u>
- <u>Different notes</u> (front, middle, end)



- <u>Different scent groups</u>
- <u>Different notes</u>
- <u>Different versions</u> (names)



Choosing a fragrance - 3 reasons why it's difficult.

- <u>Different scent groups</u>
- <u>Different notes</u>
- Different versions
- <u>Different</u> longevity (names : EDP, EDT...)

OVERVIEW OF FRAGRANCE LONGEVITY



misiuacademy.com

- <u>Different scent groups</u>
- <u>Different notes</u>
- Different versions
- Different longevity
- Different brands





fragrancex.co

- <u>Different scent groups</u>
- Different notes
- Different versions
- Different longevity
- Different brands
- Personality! (comments: people's



redbookmag.com

• GOAL

With a Recommendation Engine built on Knowledge Graph, we can:

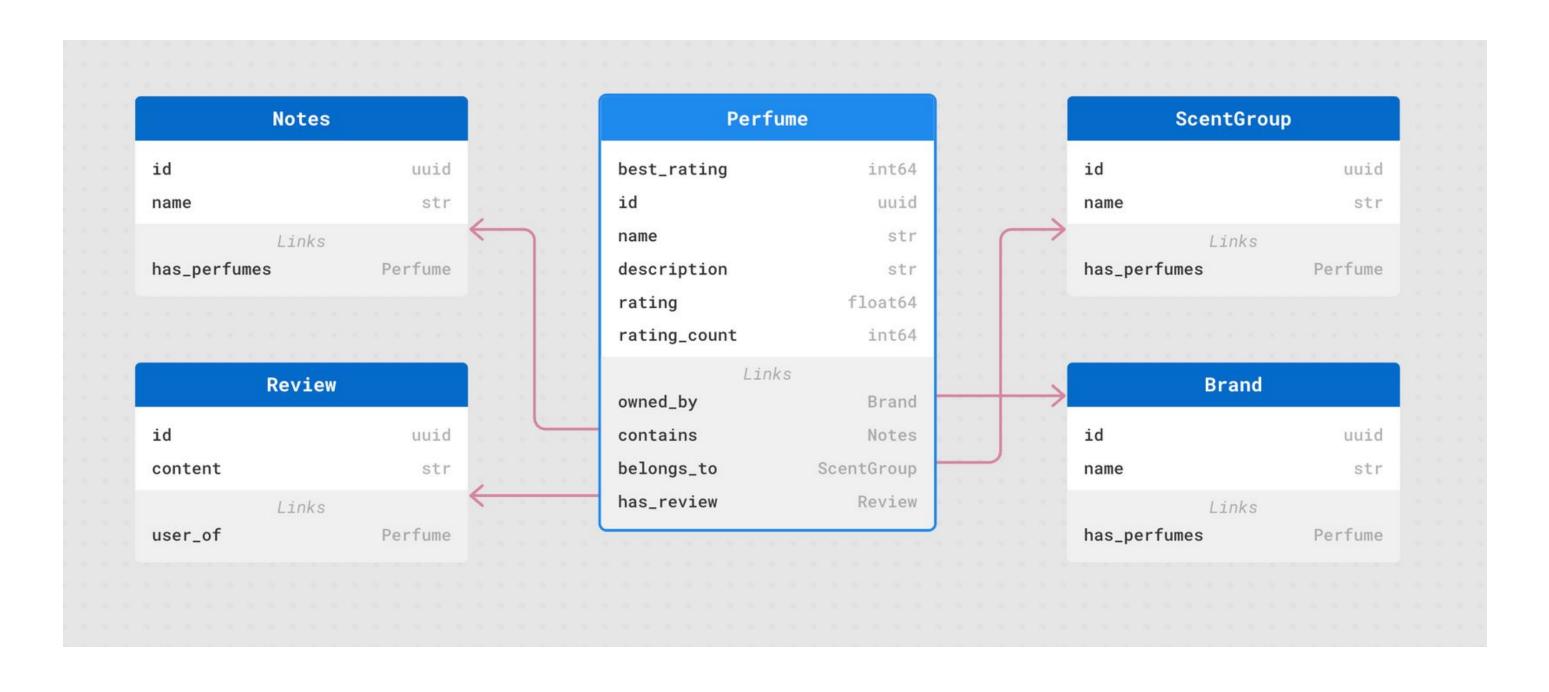
- Unify diverse information.
- Provide personalized & contextually relevant suggestions.

2.Data Sources

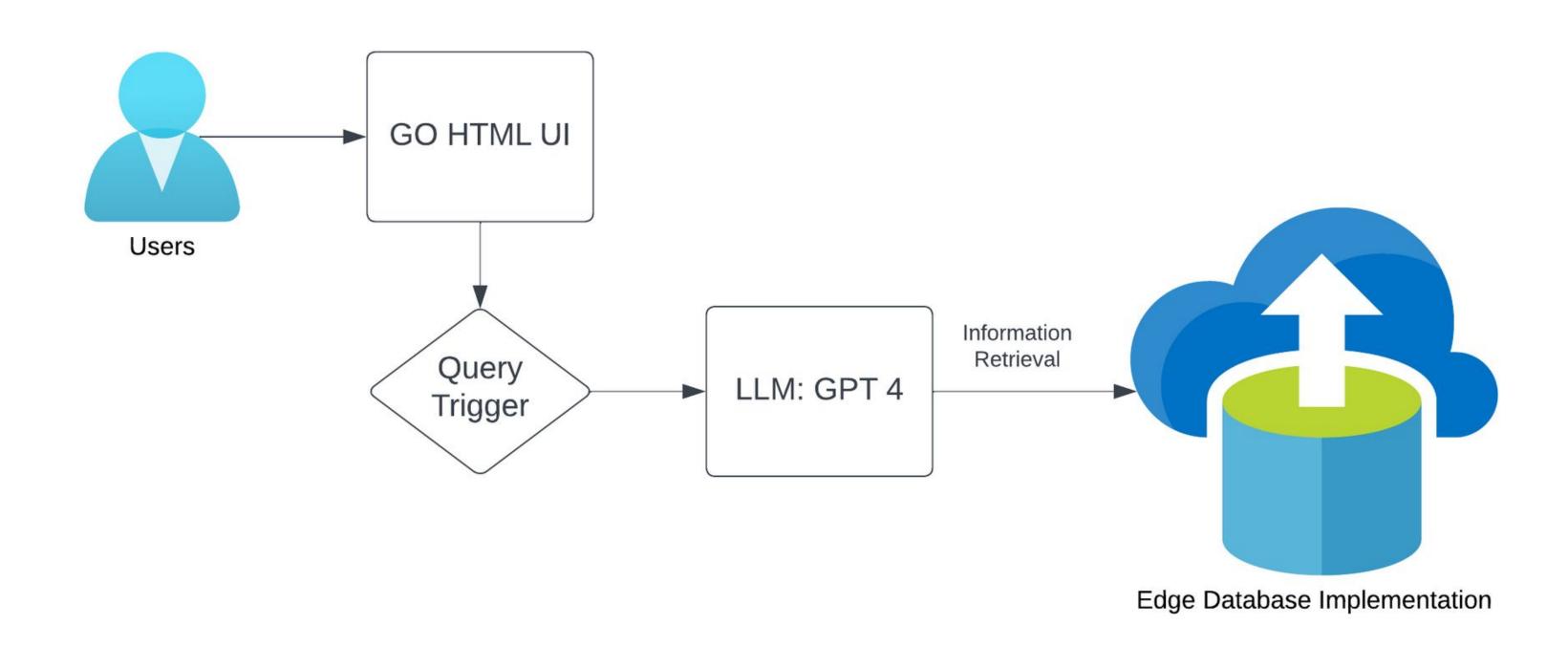
<u>C for confetti</u>	
<u>D for a drumroll</u>	
M for mic drop	
<u>O for bubbles</u>	
<u>Q for quiet</u>	
<u>U for unveil</u>	
Any number from 0-9 for a	a timer

3.Data Schema

Knowledge Graph Schema in EdgeDB



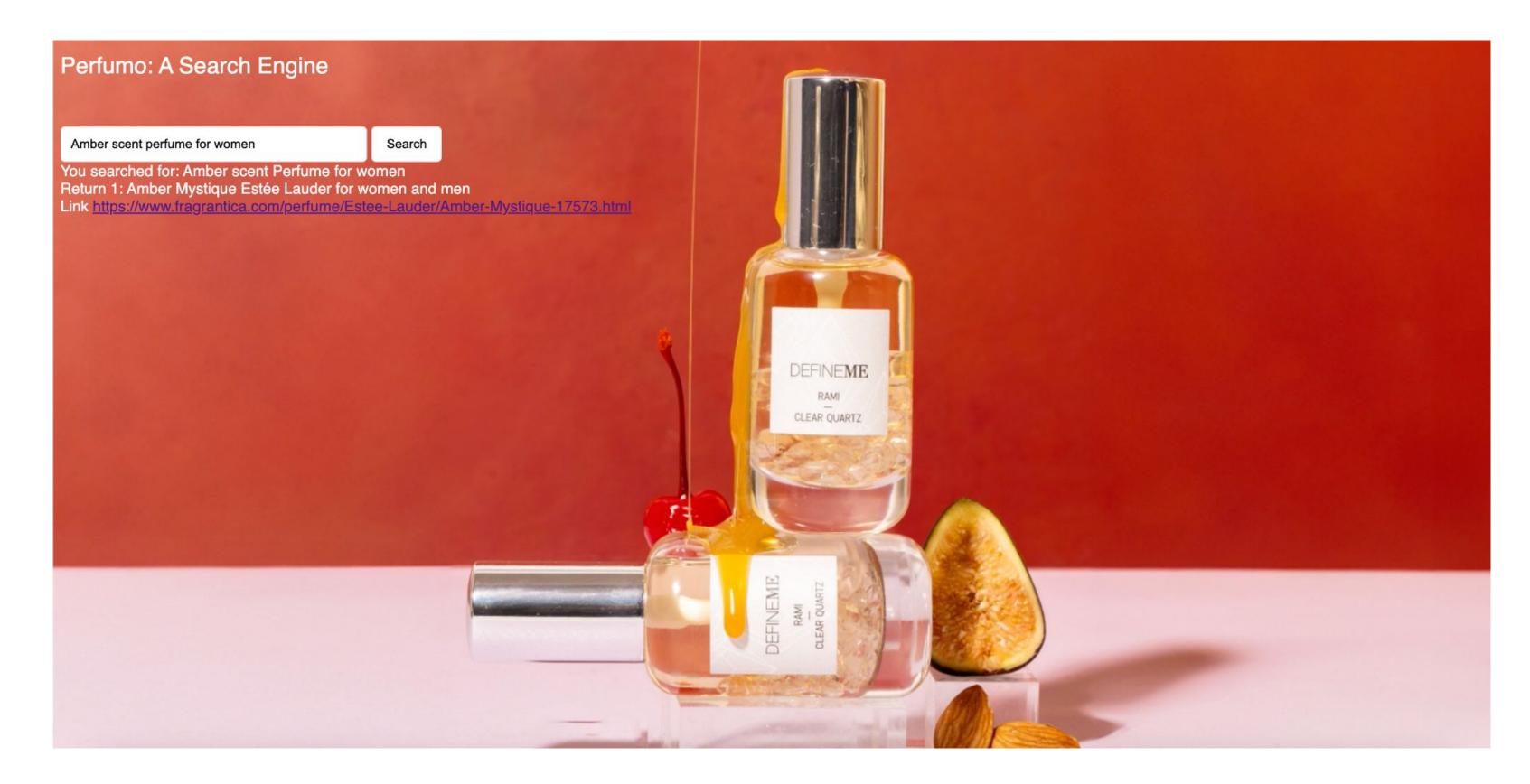
4. Application Framework



Core functionality

- <u>search box</u> : for natural language query description such as "chill and feminine"
- <u>search results</u>: returning perfumes that matches the required qualities

5. Result



6. Demo

Link to Vimeo Video: https://vimeo.com/890917875?share=copy