

SKINDETECTORISATOR

Programming for Data Science

Spring 2021

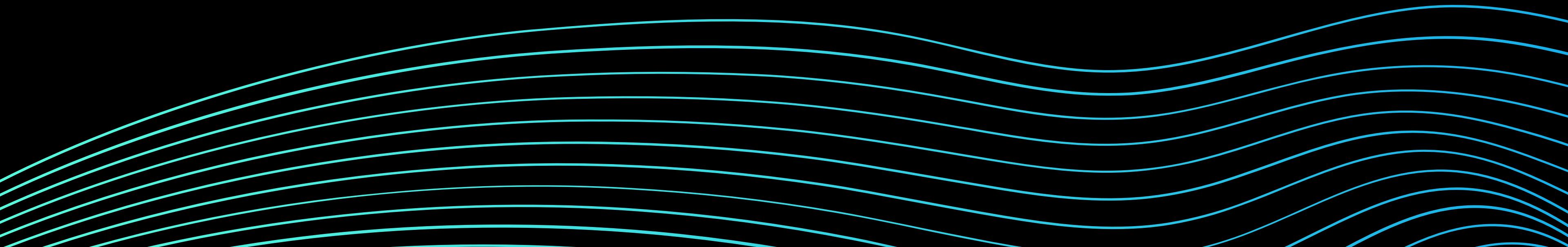
Group 11

OUR GROUP



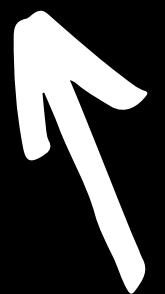
PROJECT DESCRIPTION

- SKINDETECTORISATOR AIMS TO HELP PEOPLE CHOOSE SKIN CARE PRODUCTS SUITABLE TO THEIR SKIN TYPE.
- OUR PROGRAM IS DIVIDED INTO TWO PARTS.

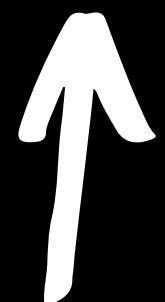




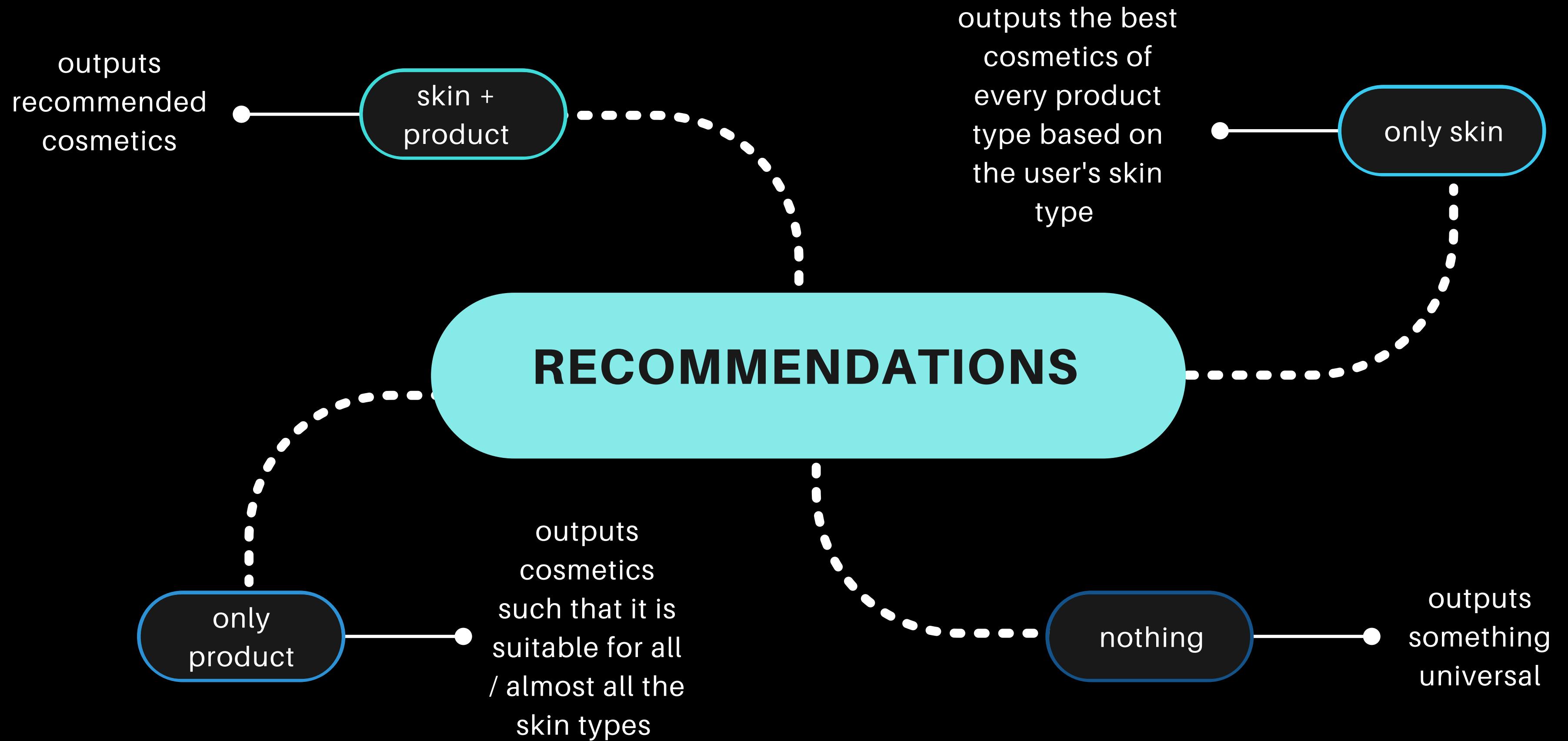
This link is
for going
back to the
Intro Page

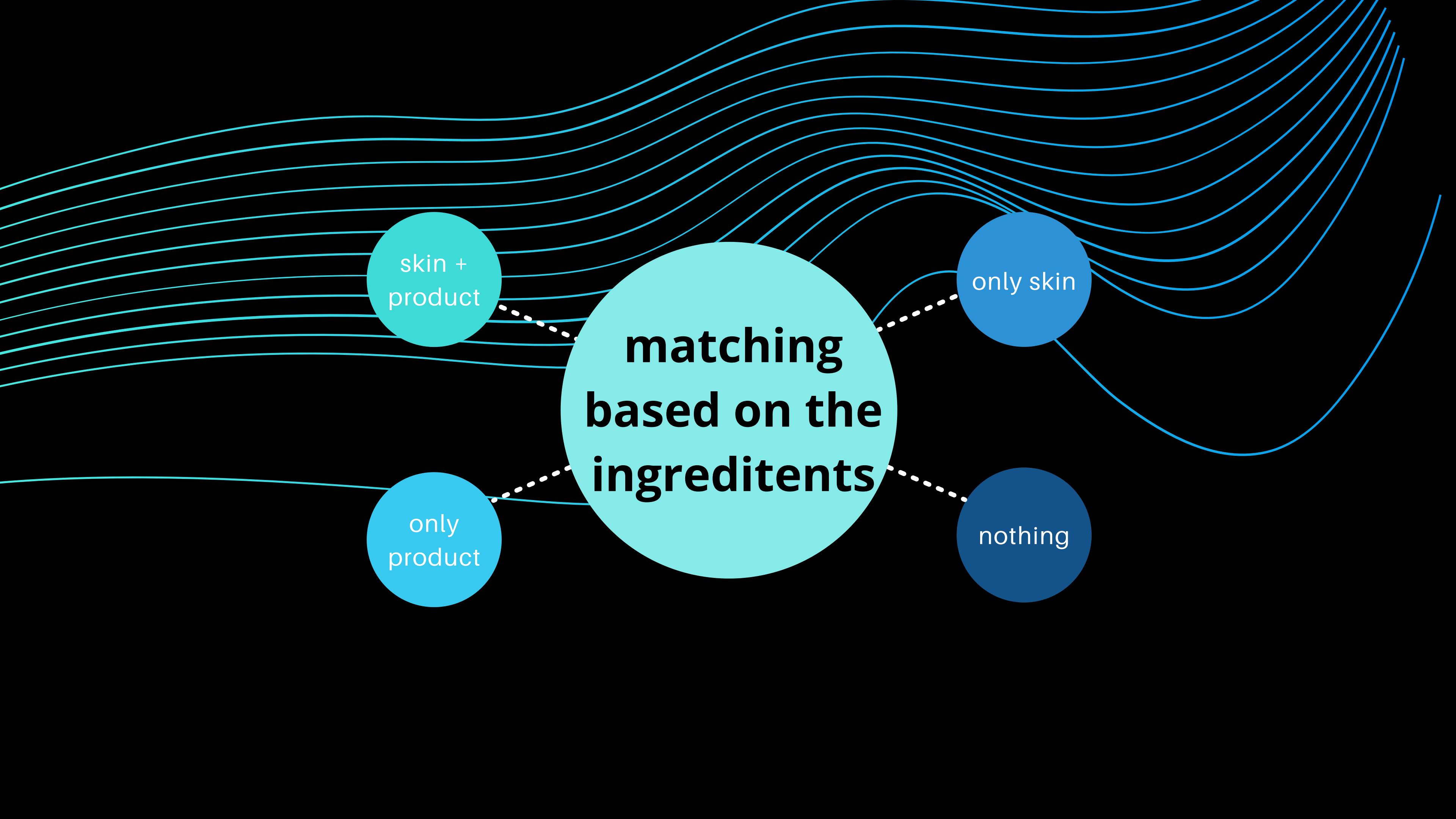


The first part is for people who want good product suggestions according to their skin type. So they input the skin type and product they want, and the program gives some recommended products with the highest rating.



The second part is for people who have the cosmetics and want to know whether it suits their skin type. They upload the image of ingredients, OCR code is used to get the ingredients and say for which skin type the product is recommended. Here again, the user can specify the skin care product and the skin type





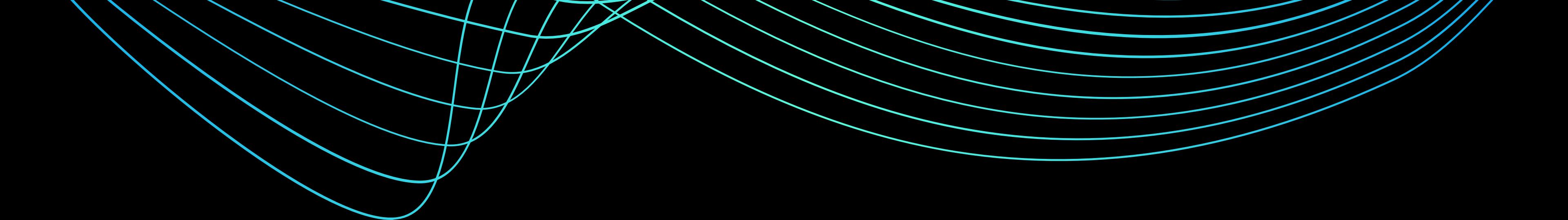
matching based on the ingredients

skin +
product

only skin

only
product

nothing



Please specify the skincare product you want.

x Moisturizer

x Sun protect |

Cleanser

Treatment

Eye cream

Face Mask

Not sure

x Combination

Oily

Dry

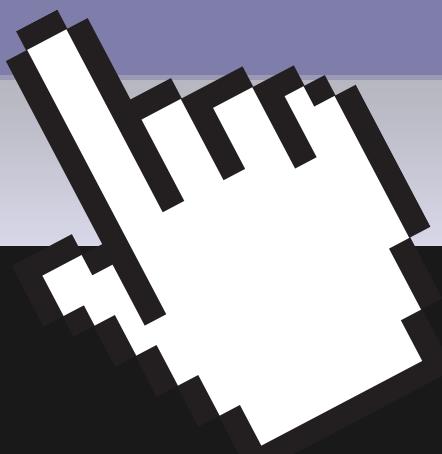
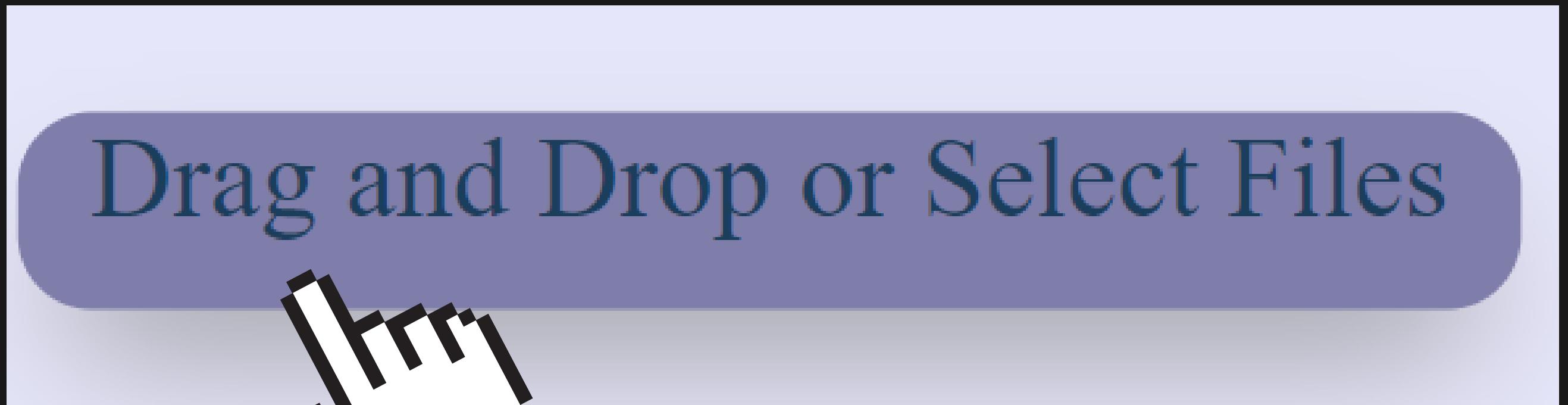
Sensitive

Normal

Not sure

getting inputs

users can upload a photo of ingredients



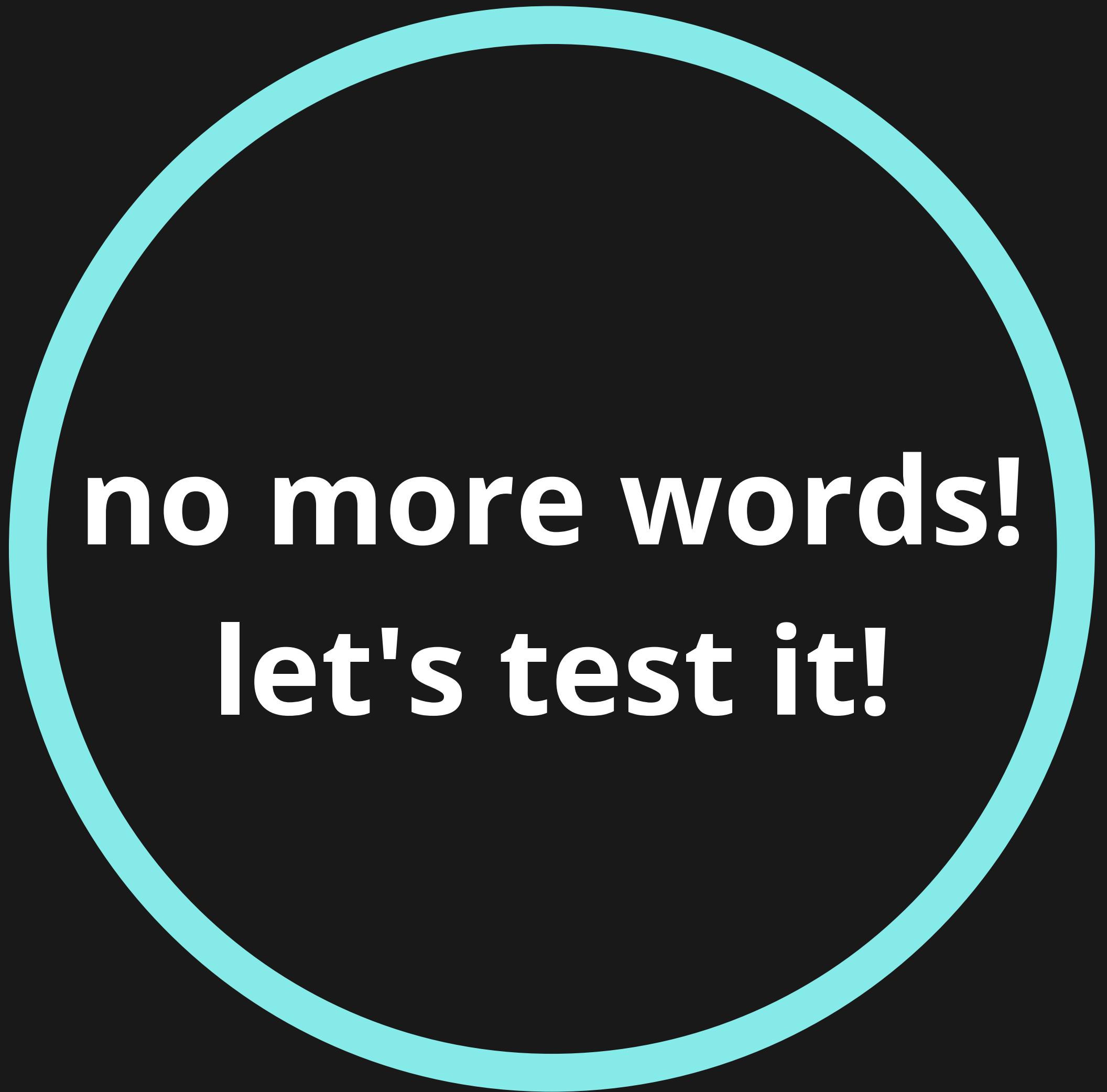
Further Developments



Improve the logic of recommendations

Improve OCR code for
detecting all the
ingredients

Expand the dataset



no more words!
let's test it!