



Abstract:

Considering the increasing ambition of Saudi citizens to produce local products. the problem is there aren't platforms or apps that hold the Saudis shops with their provided products, also if there is only a picture of the product without knowing the name of the shop that provides this product. here becomes the idea of Saudi Qumra to solve these problems by creating an app that holds Saudi shops with their products' pictures from Instagram and these shops are verified by Maroof. The main feature of Saudi Qumra app is the search by image method using CBIR improved with CNN architecture.

Objectives:

- Build an app for search by image feature
- Create search by image engine
- Collect stores accounts and photos from Instagram
- View trusted stores from Maroof

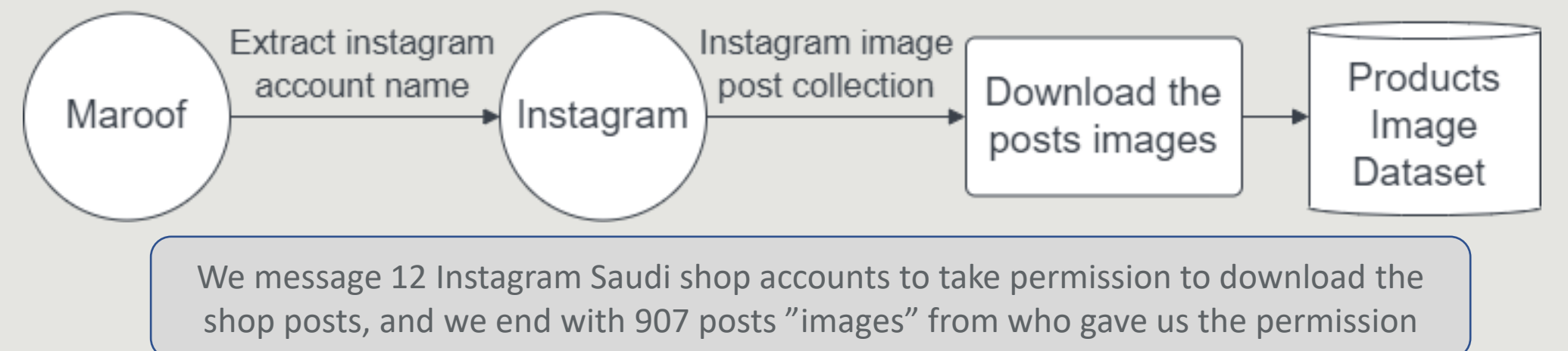
Development Tools:



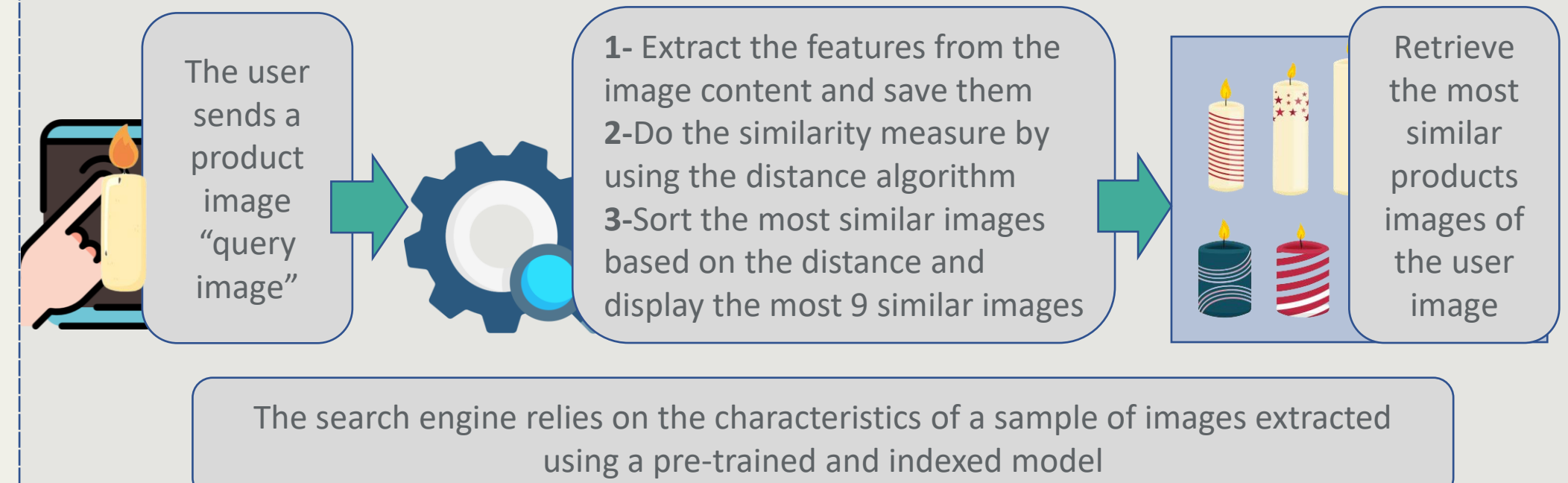
What is Saudi Qumra?

Saudi Qumra is the App who is provided to anyone who is interested in Saudi products, it will hold Saudi shops that are reliable by Maroof from the Instagram platform in one place so users can reach shops at any time. The main feature of Saudi Qumra app is the search by image feature, this allows users to search by image by uploading a product image that user wants and the search engine will retrieve the most similar products images to the user's image with the shop's account names. The purpose of this feature is to make people find a product easily. The app collects the Saudi shops in one place which will help shops to be known instead of being on different social media platforms randomly.

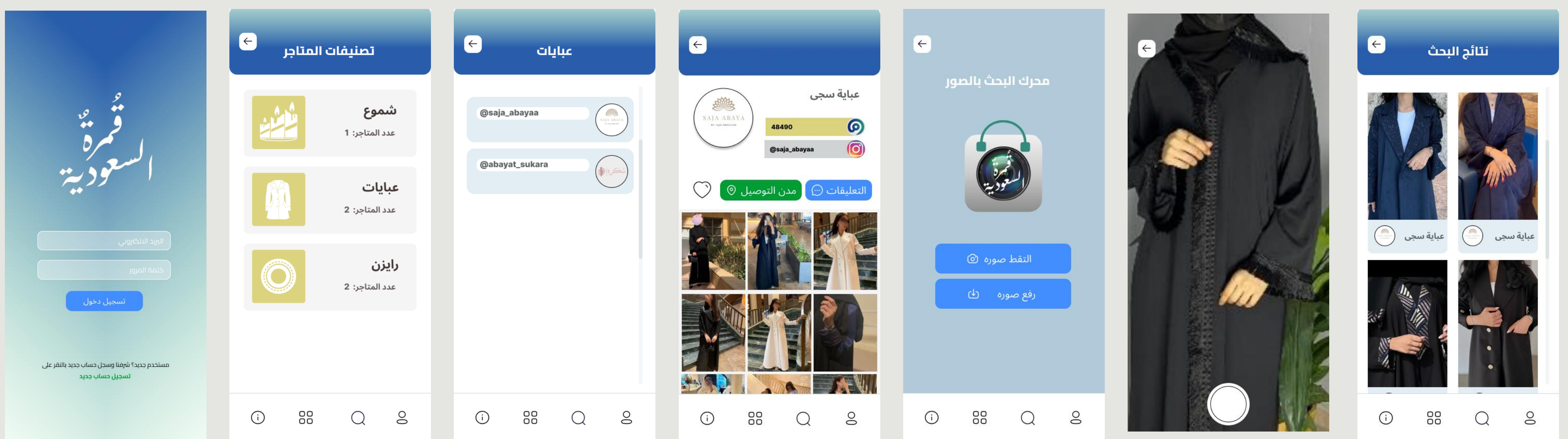
Data Collection:



How it works:



Interfaces:



Conclusion:

At the end of this project, we discovered how important is Saudi Local production and the development of production and industry in the Kingdom of Saudi Arabia. We proposed the idea of an image search engine, and the dataset of this search engine is the images from Instagram, and we made sure that the Instagram accounts are trusted by the Maroof platform of the Saudi Ministry of Commerce.

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References:

