



# SCENARIO



# STATISTICS

**1** Person  
Out Of **3**

are affected by skin  
conditions

[ouest-france.fr](http://ouest-france.fr)

Over **30**

skin conditions are  
caused by bad habits

# PROBLEMS

- The impact of life hygiene on the skin.
- Using medication prematurely.
- Dangerous medications.

# SOLUTION

**1**

Detecting Skin  
Conditions



**3**

Offer Personalized  
Advice

**2**

Provide Potential  
Causes

# SOLUTION



But we didn't stop there !

# SOLUTION

We also provide an **AI-Powered Assistant** to :

- Answer and advise on skincare topics.
- Recommend based on user's needs and preferences.
- Provide voice assistance.

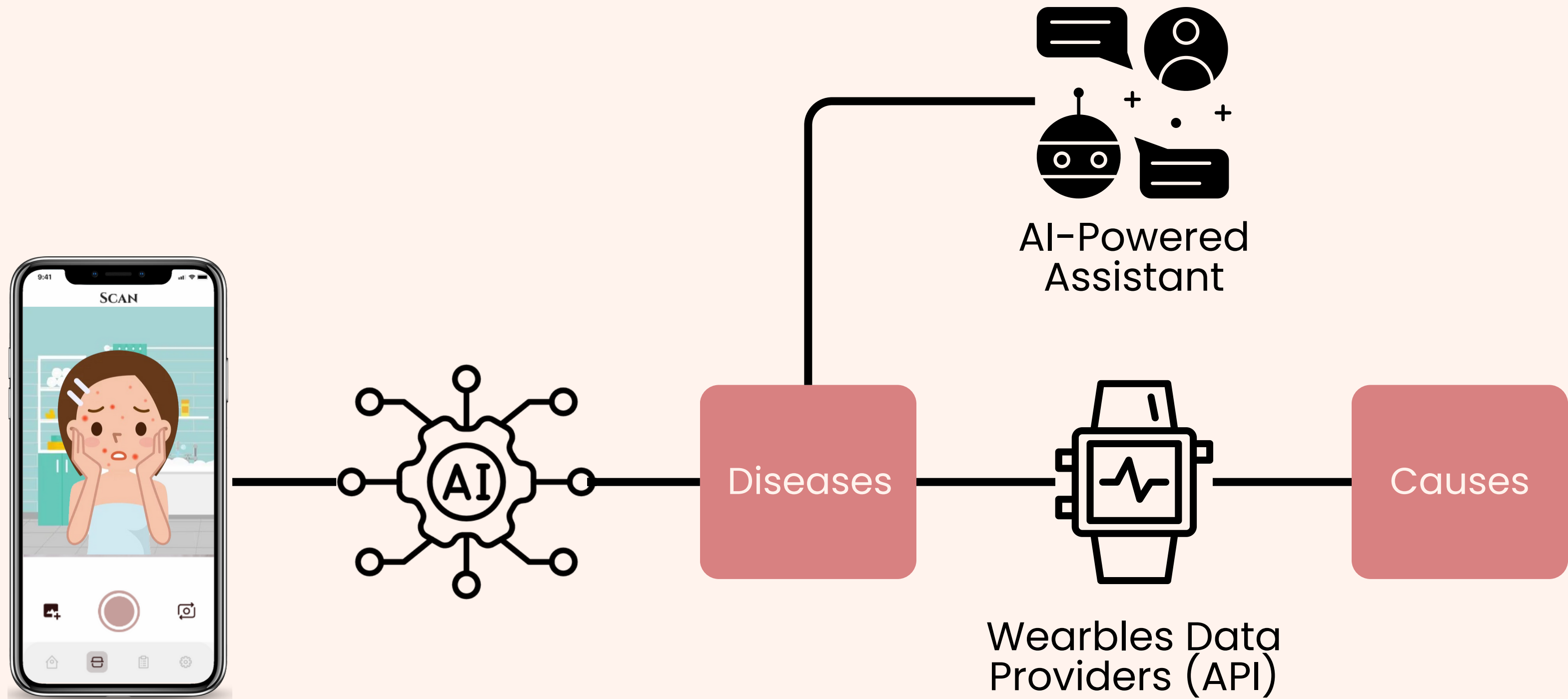


# DEMONSTRATION





# FEASIBILITY



Fichier Edition Sélection Affichage Atteindre Exécuter Terminal Aide EFFE - Copie.py - Visual Studio Code

our\_model.ipynb EFFE.py EFFE - Copie.py X

C:\Users\walid\Desktop\Programs\Python\ML\_TENSORFLOW> EFFE - Copie.py > ...


```
42
43     _, frame = video.read()
44
45     img = cv2.resize(frame, dsize=(128,128))
46
47     res = predict(model,img)
48     if (res[1]>=50):
49         print(res)
50
51     else:
52         print(chr(27)+'[2j')
53
54
55
56     cv2.imshow("Prediction", frame)
```

PROBLÈMES SORTIE TERMINAL CONSOLE DE DÉBOGAGE

```
('Lupus and other Connective Tissue diseases', 64.24)
('Eczema Photos', 50.07)
('Eczema Photos', 57.81)
('Eczema Photos', 61.89)

('Eczema Photos', 54.19)
('Eczema Photos', 51.17)
('Eczema Photos', 68.81)
('Eczema Photos', 80.93)
('Eczema Photos', 72.59)
('Eczema Photos', 66.98)
('Eczema Photos', 70.44)
```

Prediction

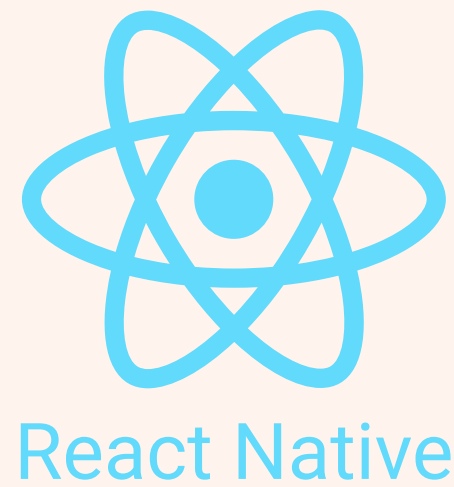
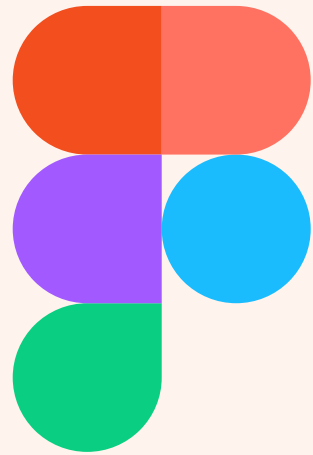
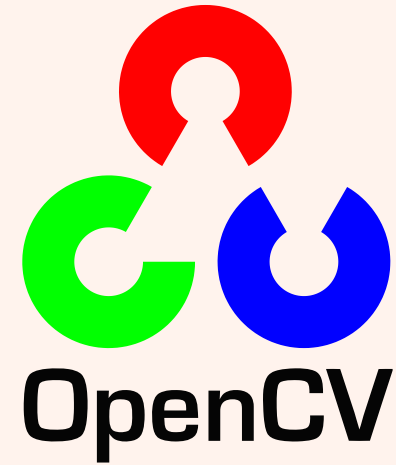


Sélectionner le retrait

L 49, col 9 Espaces : 4 UTF-8 CRLF Python 3.9.12 64-bit (windows store)

## NEW DEMO WITH VOICE

# TECHNOLOGIES



# BUSINESS MODELS



Freemium  
Business Model

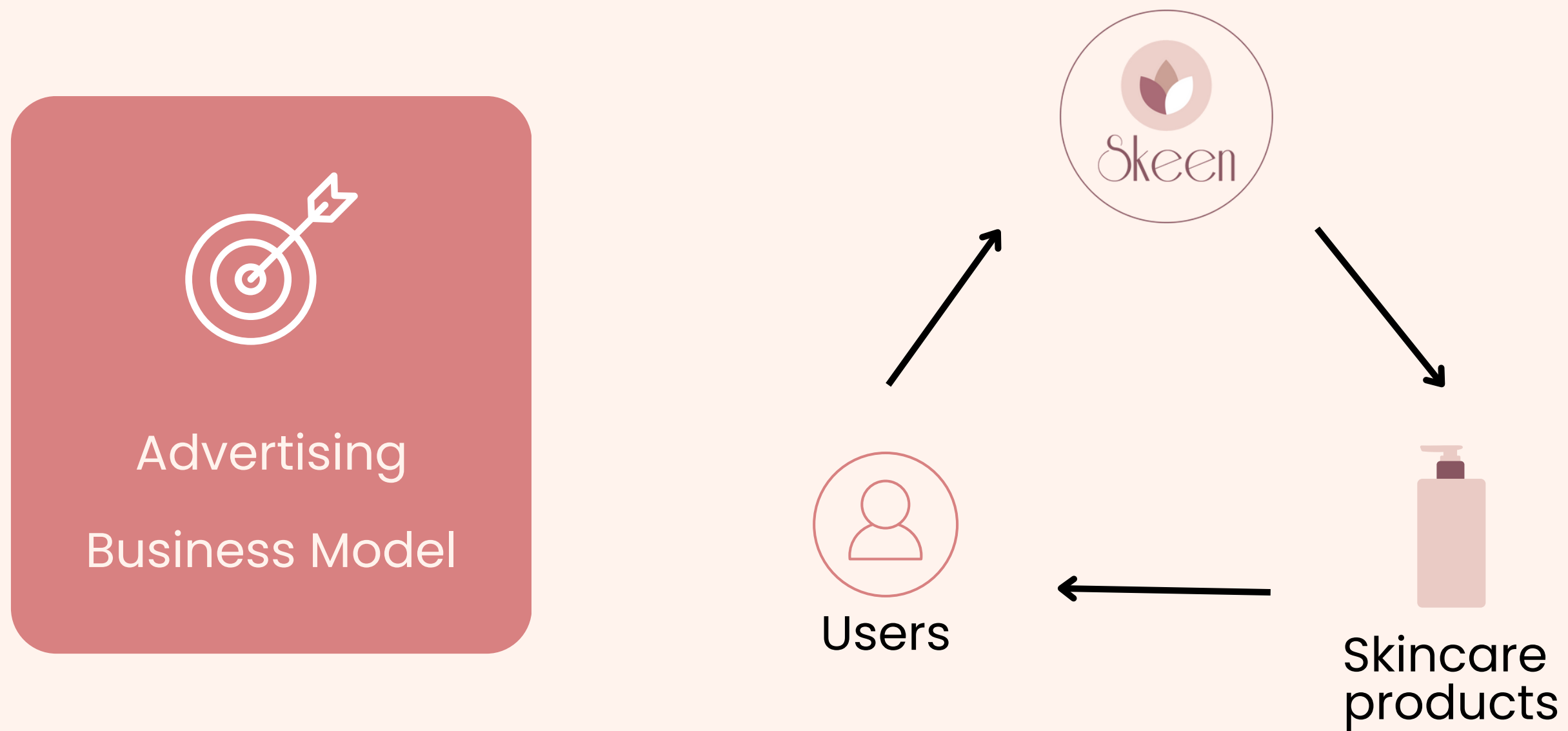
## **Free Features**

- Detecting skin conditions.
- Provide Potential Causes.

## **Premium Features**

- More pieces of advice from approved skincare experts.
- A List of the nearest and best doctors.
- Access to our AI-powered Skin Assistant.

# BUSINESS MODELS



# PERSPECTIVES

Generalize our solution to target more health-related concerns



**THANK YOU  
FOR YOUR ATTENTION**