



EmoUp!

TEAM OZONE

ABHI JAIN

AJINKYA DANDVATE

KRATI JAIN

AJINKYA TARANEKAR

Overview

EmoUp is the one-stop solution for all things positive. The problem with the existing solution is that they depend on the manual inputs from the user to analyze the mood, whereas we use face recognition and emotion detection with the help of neural networks. With current circumstances affecting the mental health of people, especially teens and young adults, speeches, reports, and more. It is mostly presented before an audience.

EmoUp's objective is to:

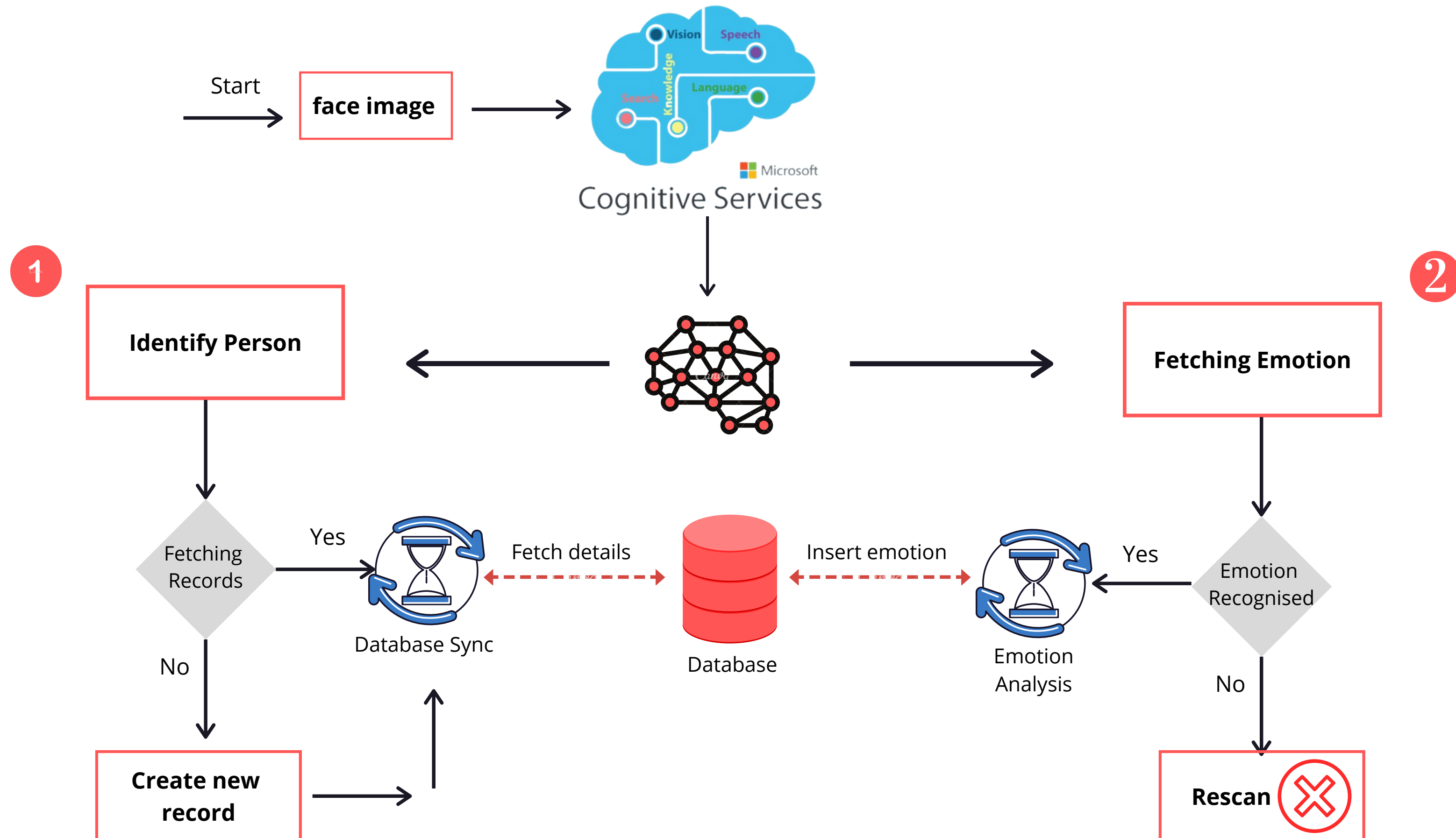
- Improve mental health.
- Intelligently get the person's emotion
- Provide an emotion rebalancing centre.
- Use various therapy to get a cheerful mood back.
- Also, a whole new relaxing world created using echo-AR.

EmoUp has now come to your smartphone for help.



Your illness is not your identity.
Your chemistry is not your character.

Know Your Emotion

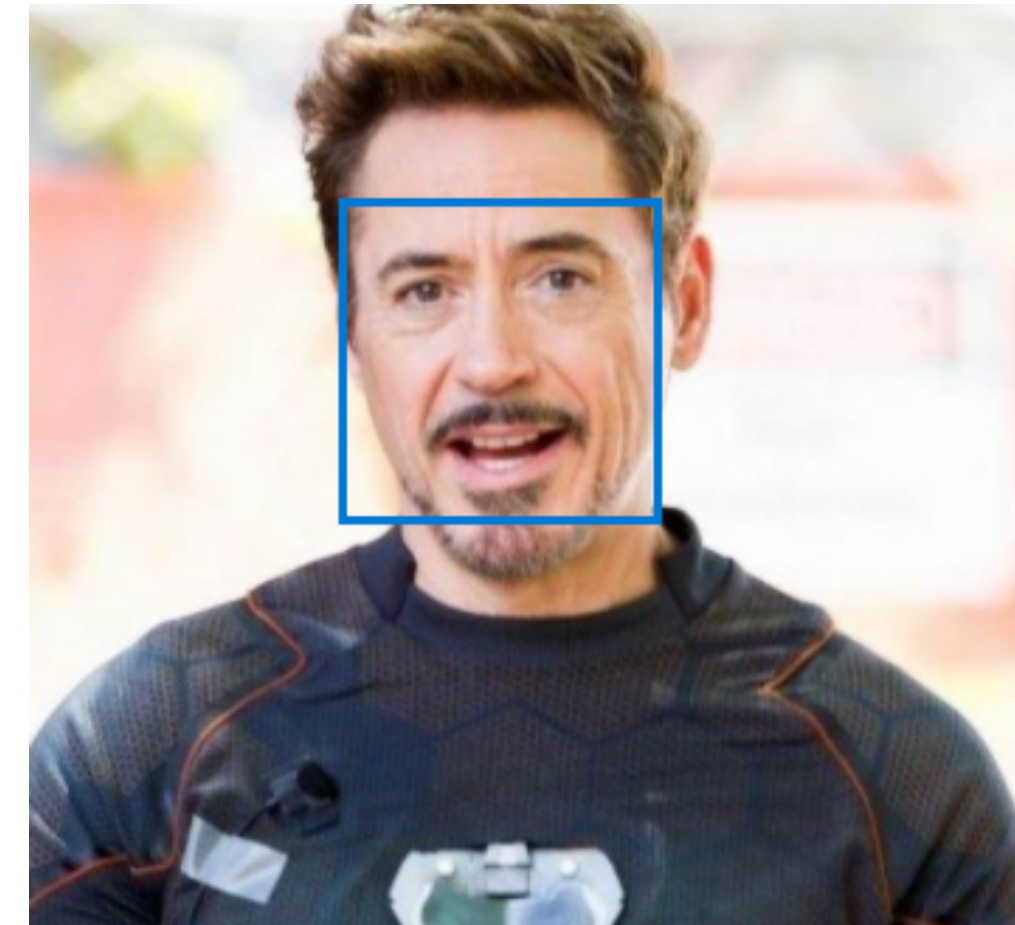


Emotions

04

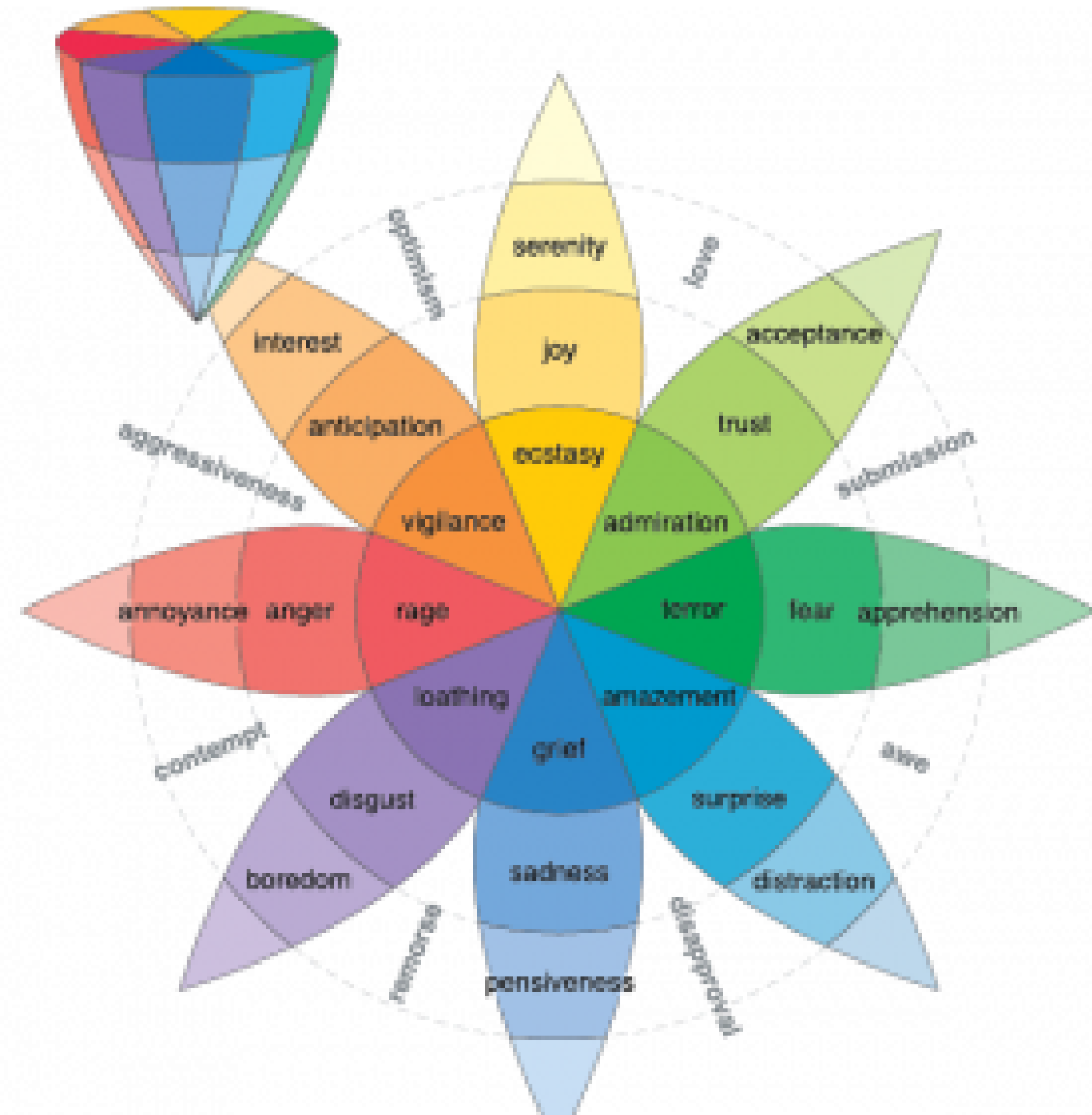
- It identifies 7 emotions:

anger
contempt
disgust
fear
happiness
neutral
sadness
surprise



- **Plutchik's wheel** of emotions organizes these 8 basic emotions based on the physiological purpose of each. The model is actually the little "ice cream cone" which unfolds to the emotions wheel.

```
"emotion": {  
  "anger": 0.111,  
  "contempt": 0.001,  
  "disgust": 0.009,  
  "fear": 0.003,  
  "happiness": 0.805,  
  "neutral": 0.045,  
  "sadness": 0.005,  
  "surprise": 0.021  
},
```



How to boost emotions

Q Music Therapy



Music therapy seems to reduce depressive symptoms and anxiety.

Q Inspiration Therapy

Quotes can influence the ideas within the piece.



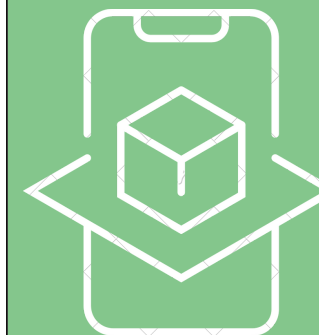
Q Expression Therapy

Chatbots engages users with conversation at times when they feel low



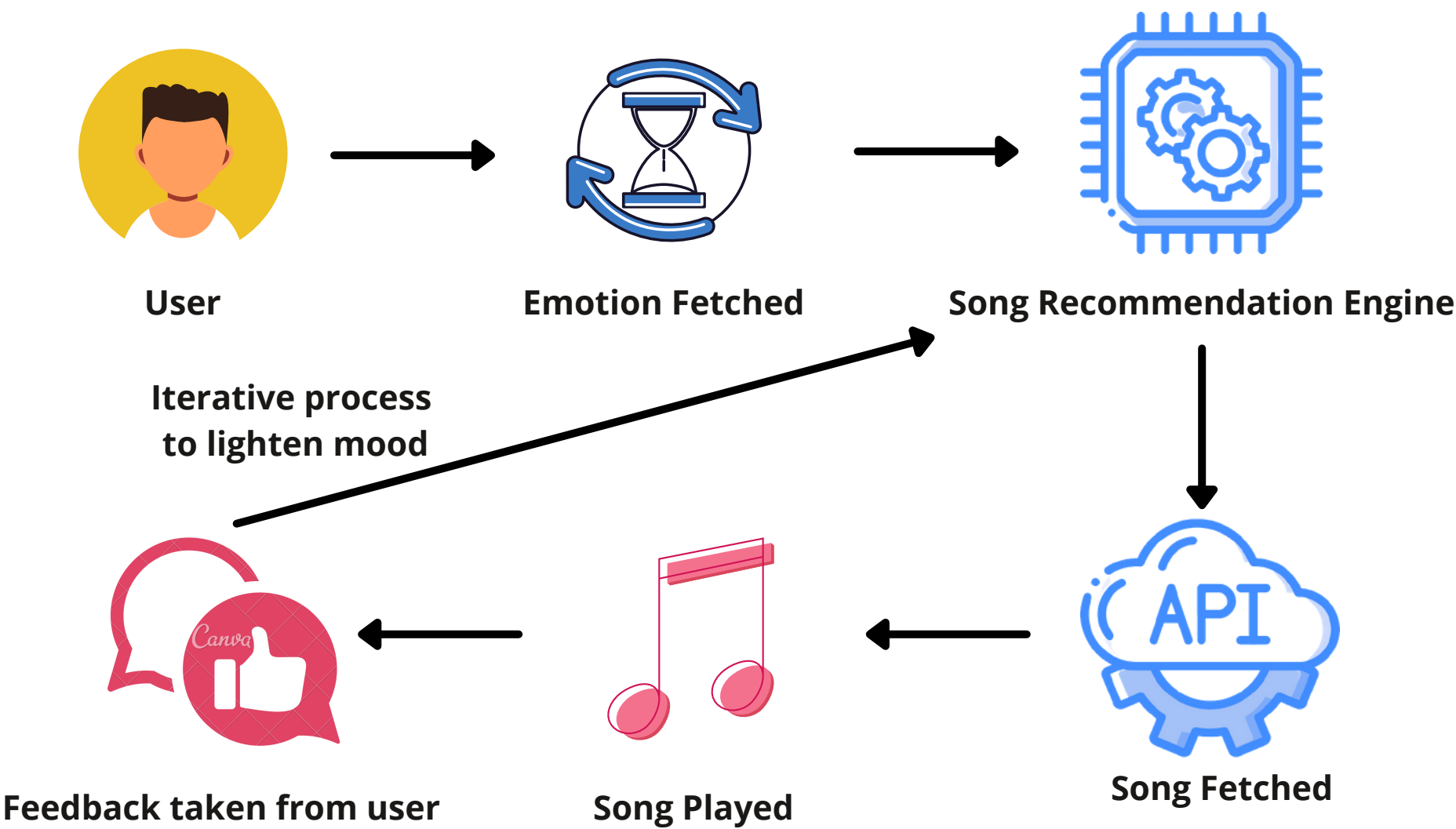
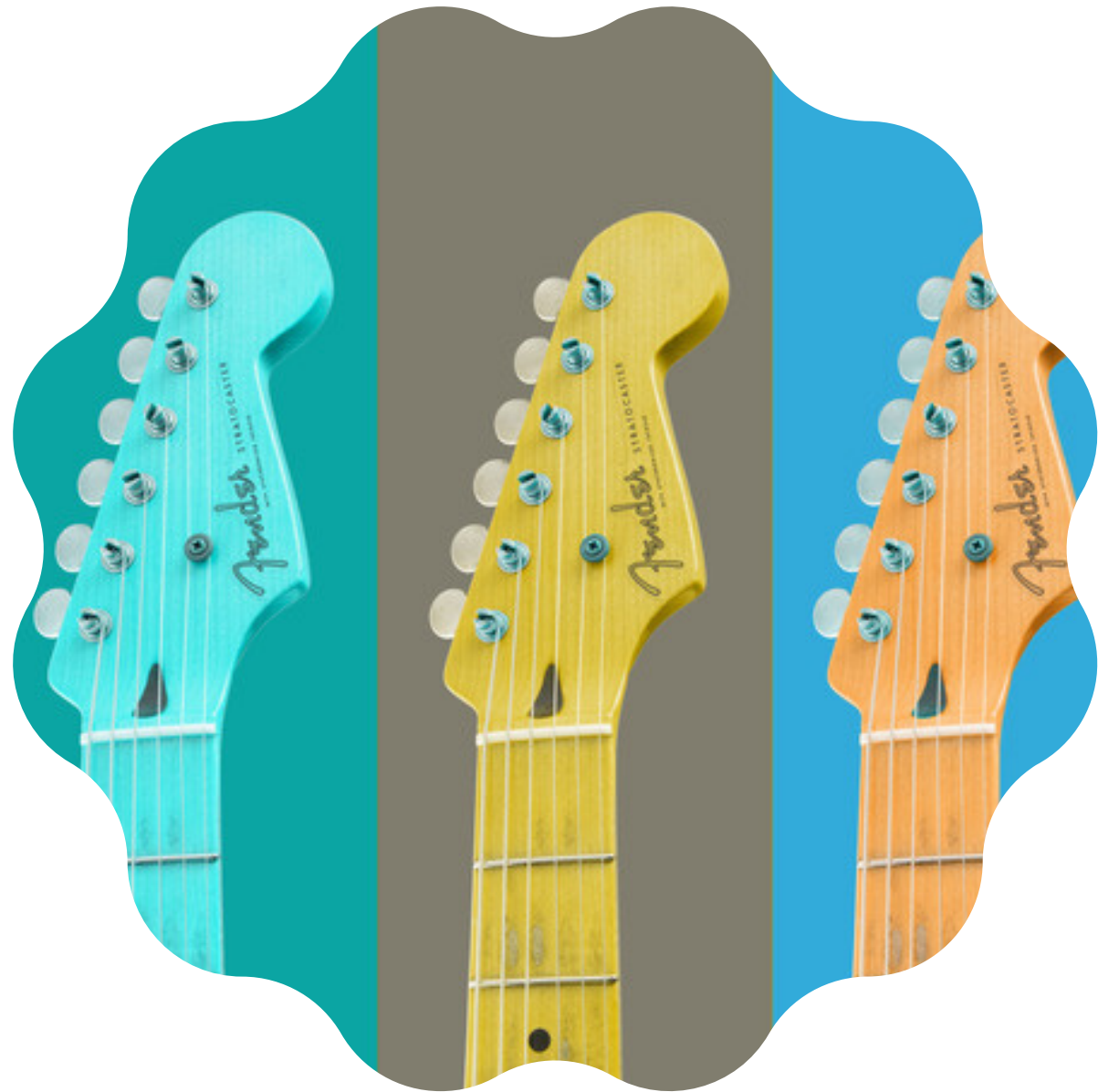
Q Video Therapy

Videos can help those struggling with depression



MUSIC THERAPY

BEST ACOUSTIC FOR YOU

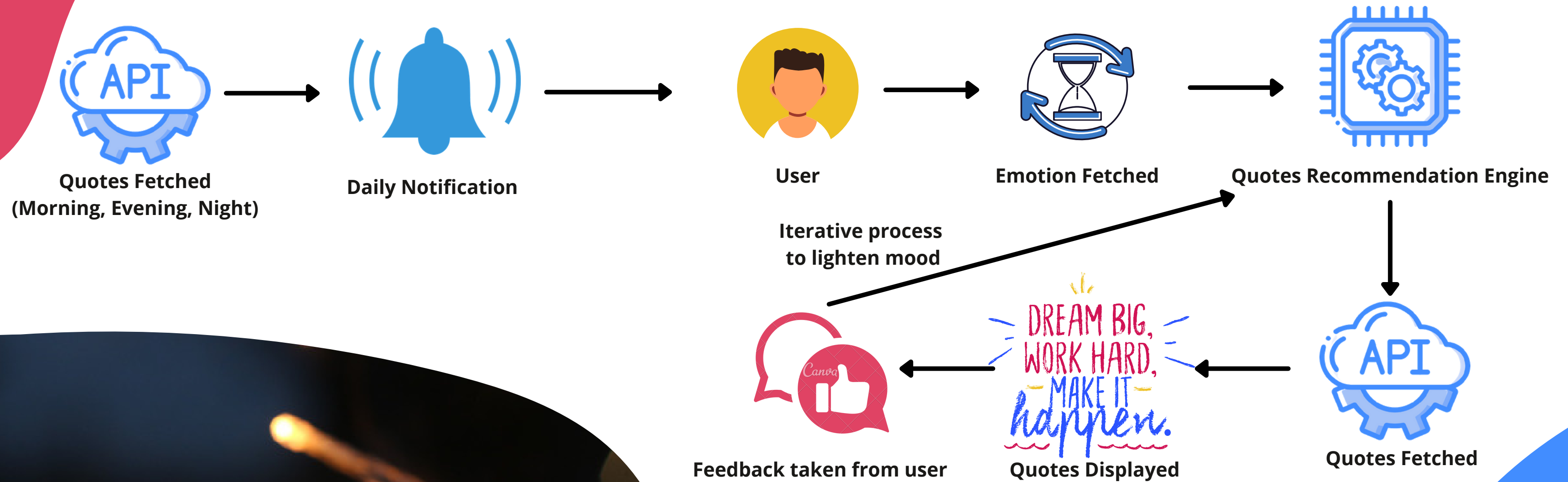


12:01

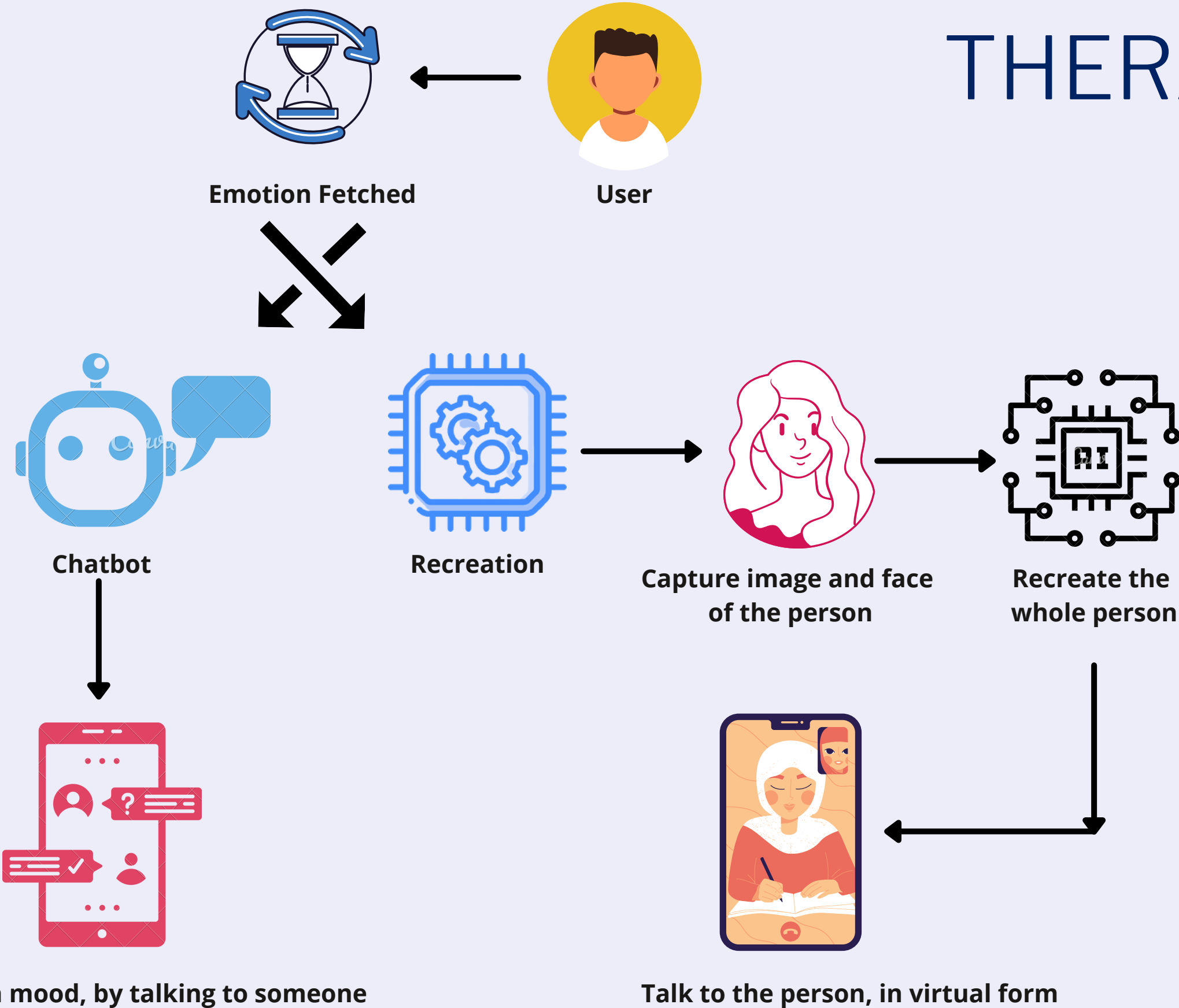
15:01



Inspiration Therapy

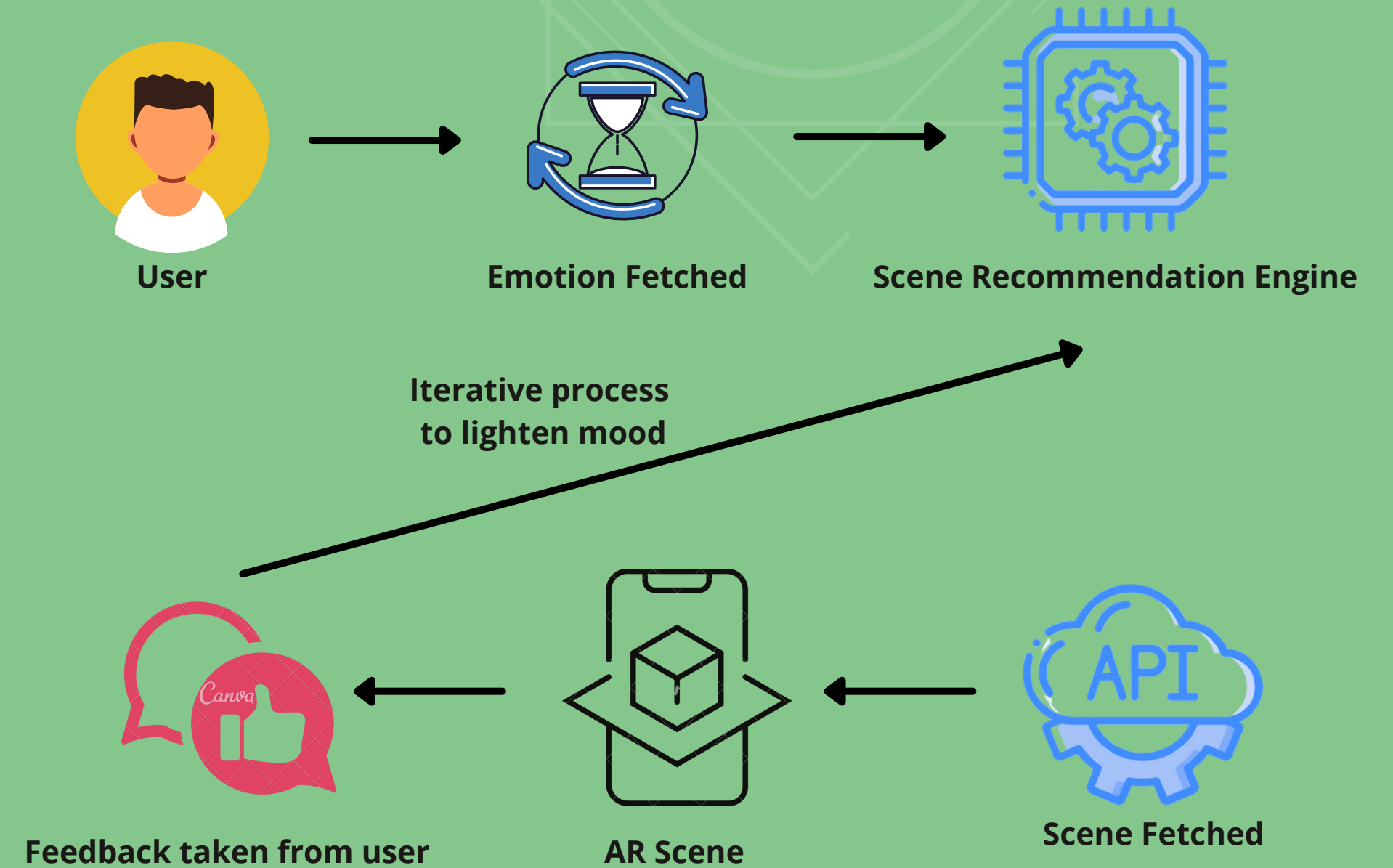


EXPRESSION THERAPY



Freshen mood, by talking to someone

Talk to the person, in virtual form



Tech Stack used

- USER INTERFACE DESIGN: FIGMA
- DATABASE: MONGODB
- COGNITIVE SERVICES: AZURE
- API INTERFACE: FAST API
- LANGUAGES: DART, PYTHON
- SERVER: MICROSOFT AZURE

*Thank
you!*