

# 계획서 발표

Capstone Design 2조

얼굴 코디

20143085 이대현 20143094 이진구

20143104 조승현 20143389 김상열

20163085 김가연 20153668 강남삼

# GOAL



# BACKGROUND





# BACKGROUND



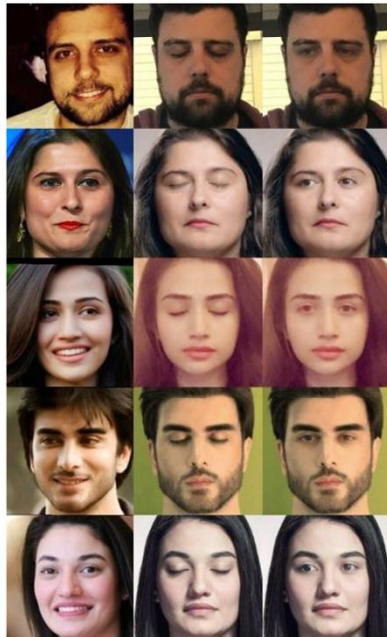
# BACKGROUND

## 페이스북, 눈 감은 인물사진 눈 뜨게 만든다

GAN 기술 활용 방법 공개... "단체사진 활용 기대"

페이스북 인공지능(AI) 연구팀이 인물사진 속 감은 눈을 뜨게 만드는 기술을 개발했다.

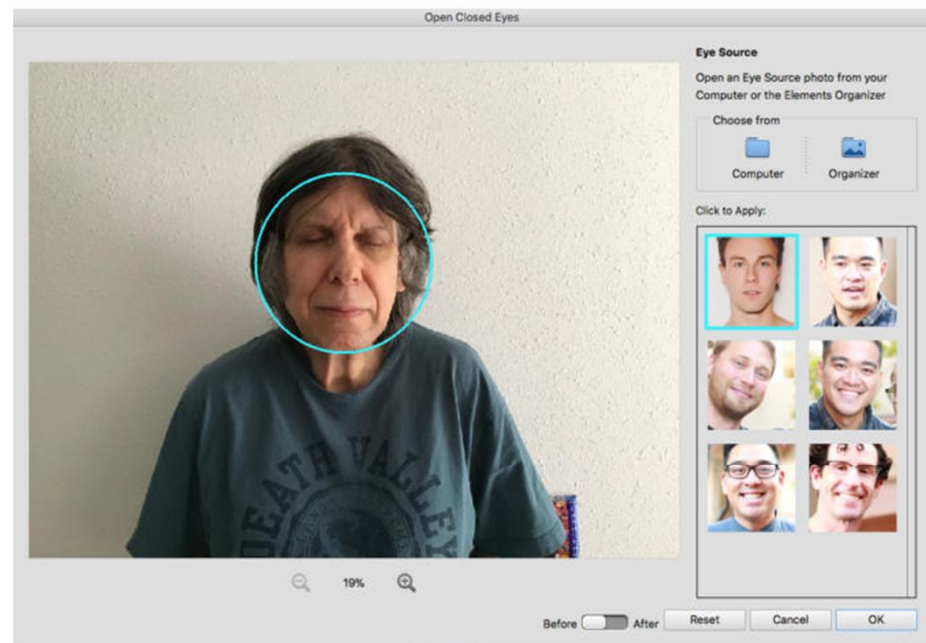
16일(현지시간) IT 매체 테크크런치는 페이스북이 GAN(Generative Adversarial Network, 생성적 적대 신경망) 기술을 활용해 사진 속 인물의 눈을 뜨게 만드는 기술을 고안했다고 보도했다.



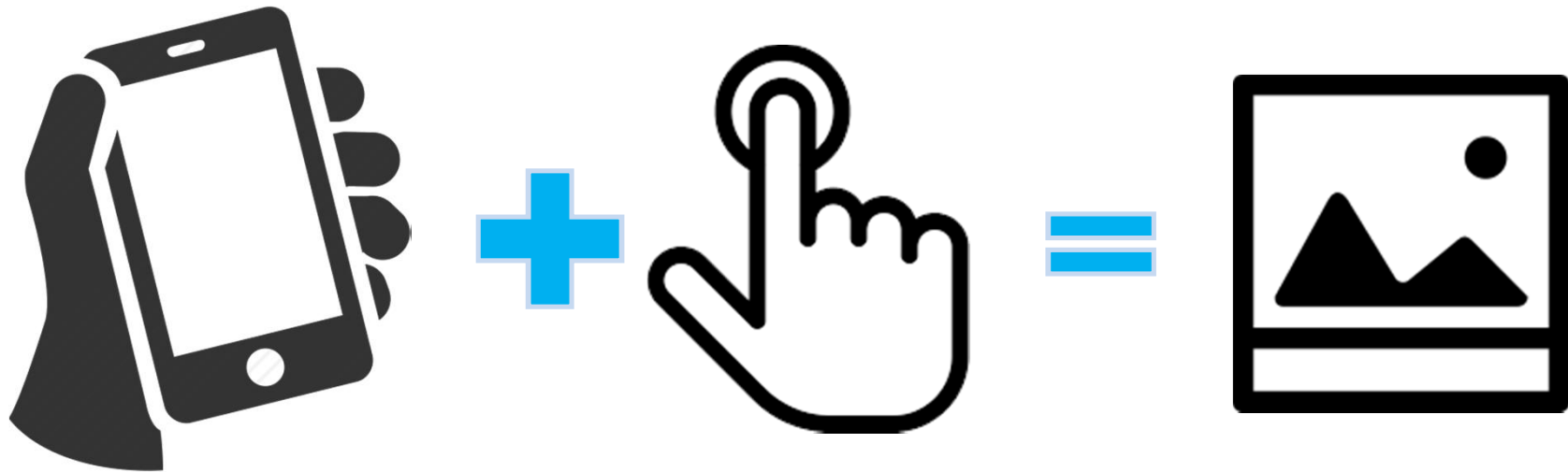
페이스북의 ExGAN 활용 사례(출처=Eye In-Painting with Exemplar Generative Adversarial Networks 보고서)

## '포토샵 엘리먼트 2018', 자동화와 AI로 더 쉬워졌다

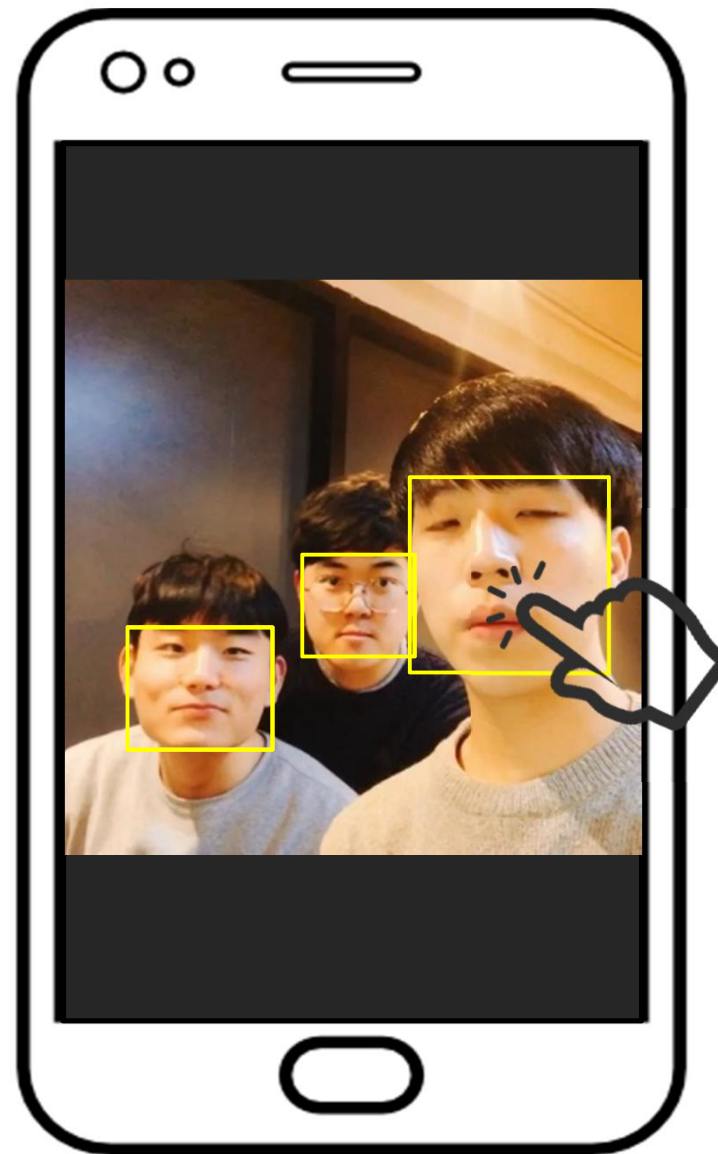
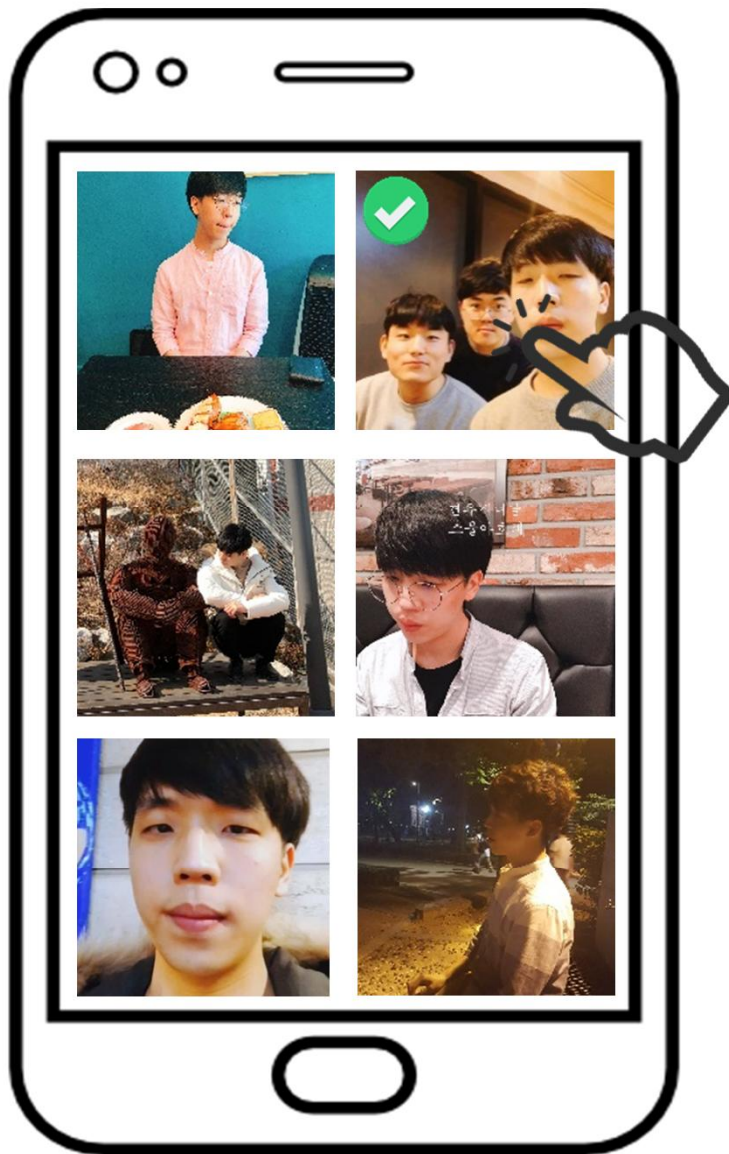
Jackie Dove | Macworld



# IDEA

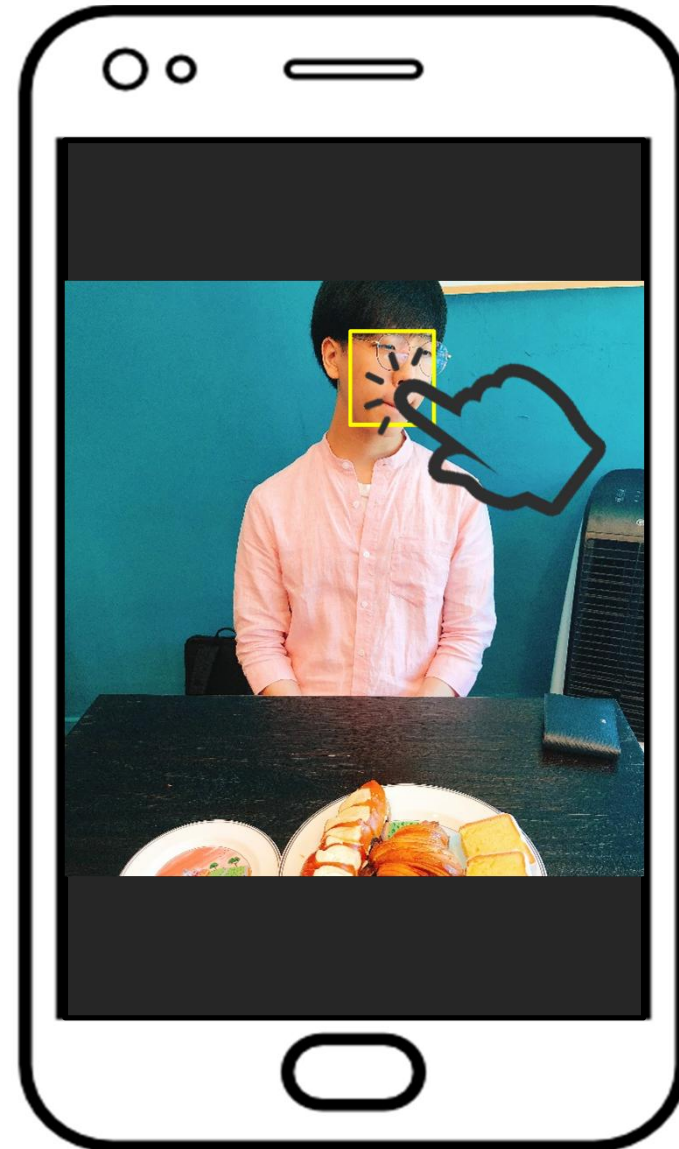


# USER SCENARIO



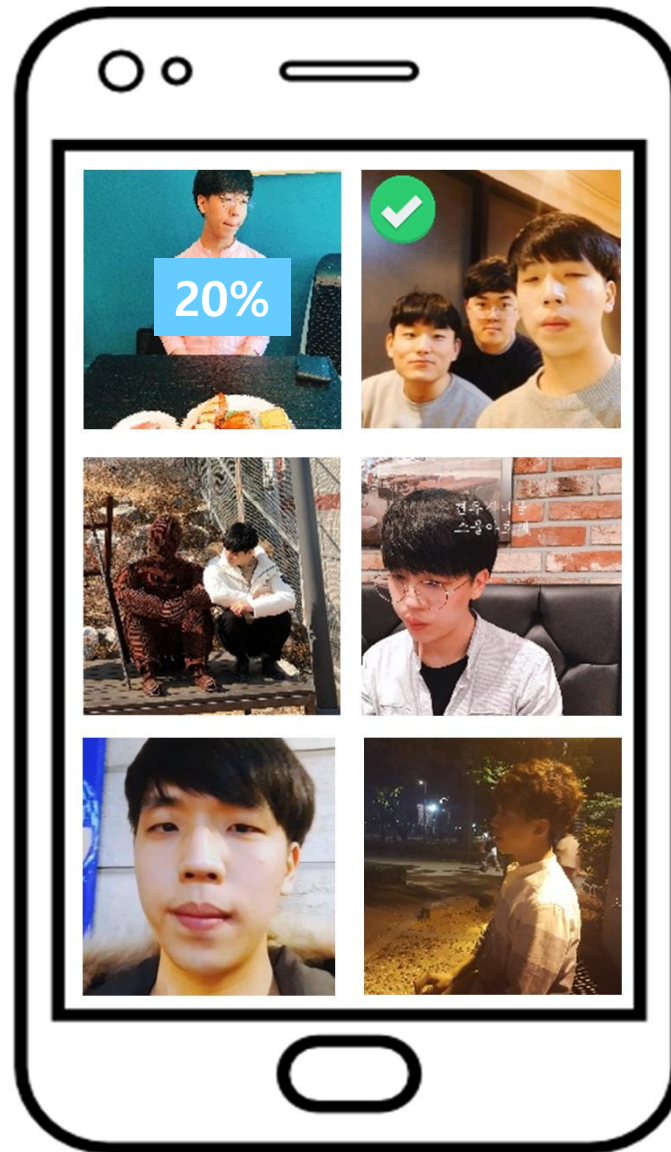


# USER SCENARIO

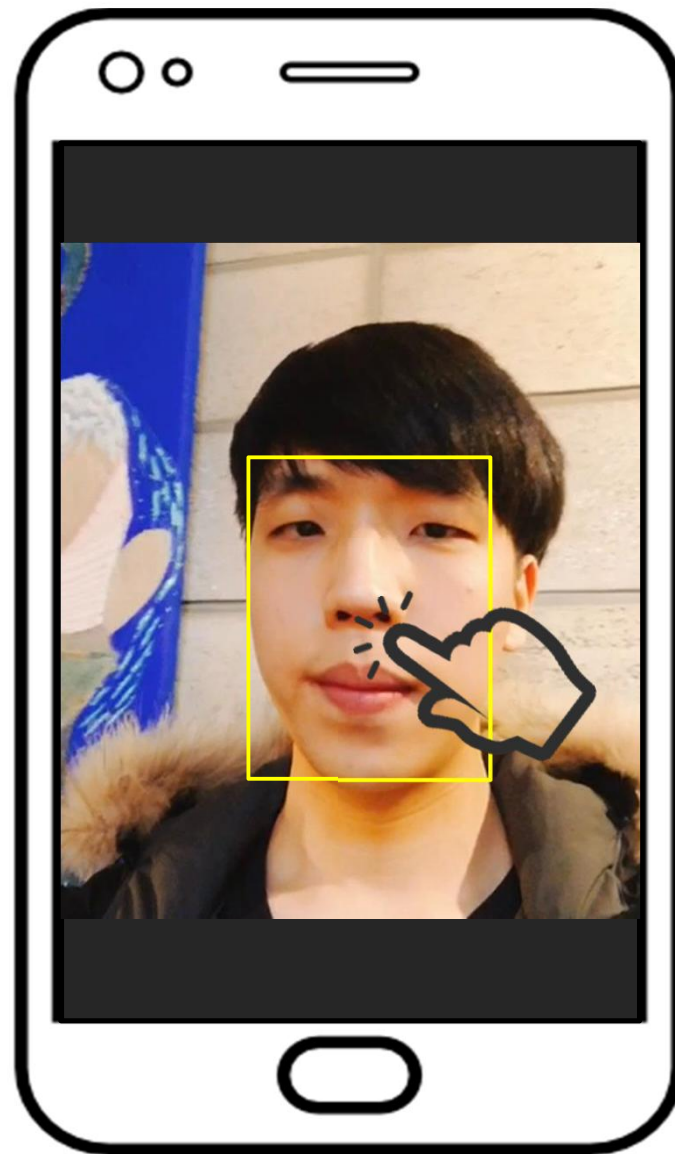
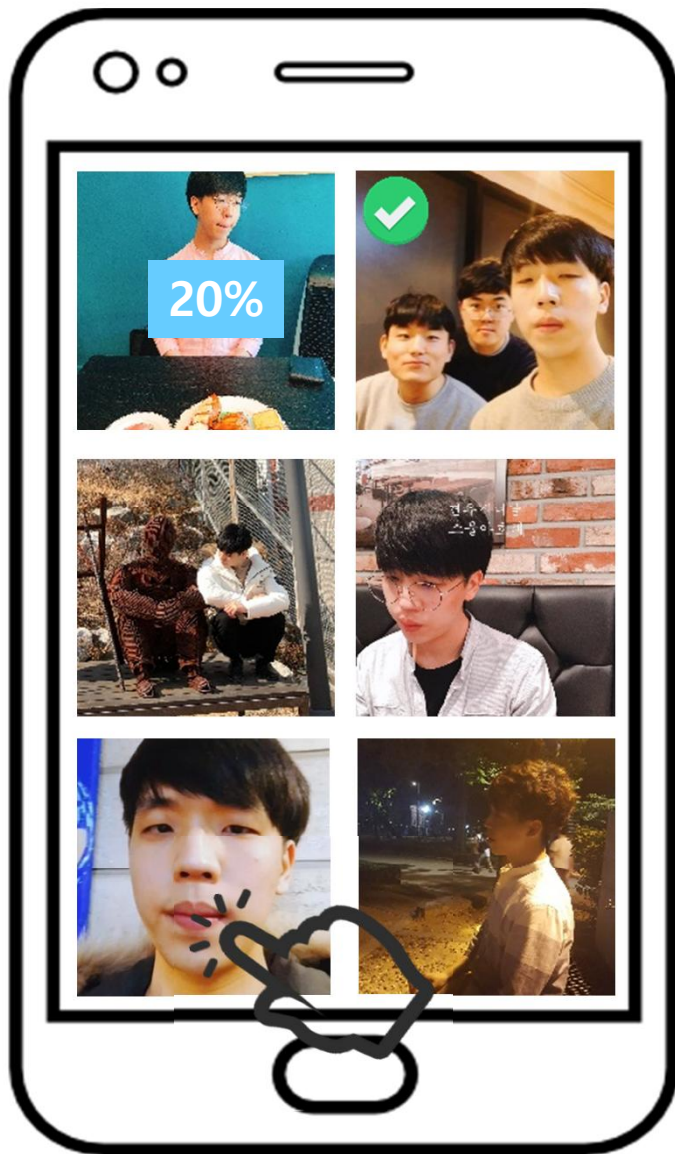




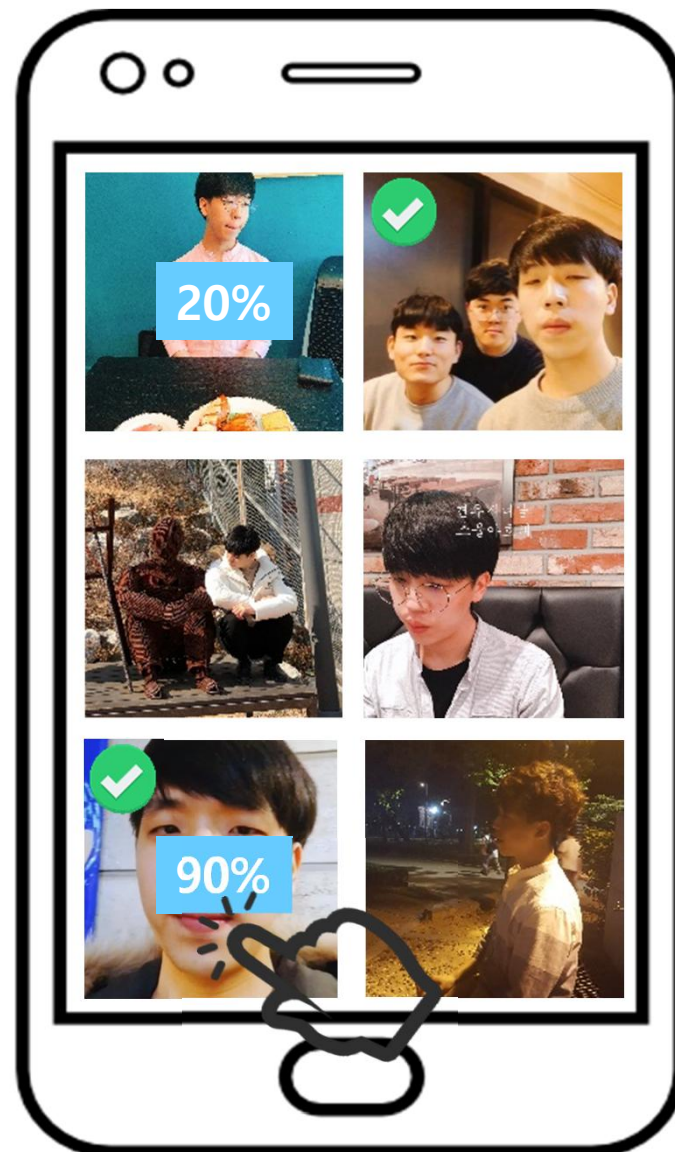
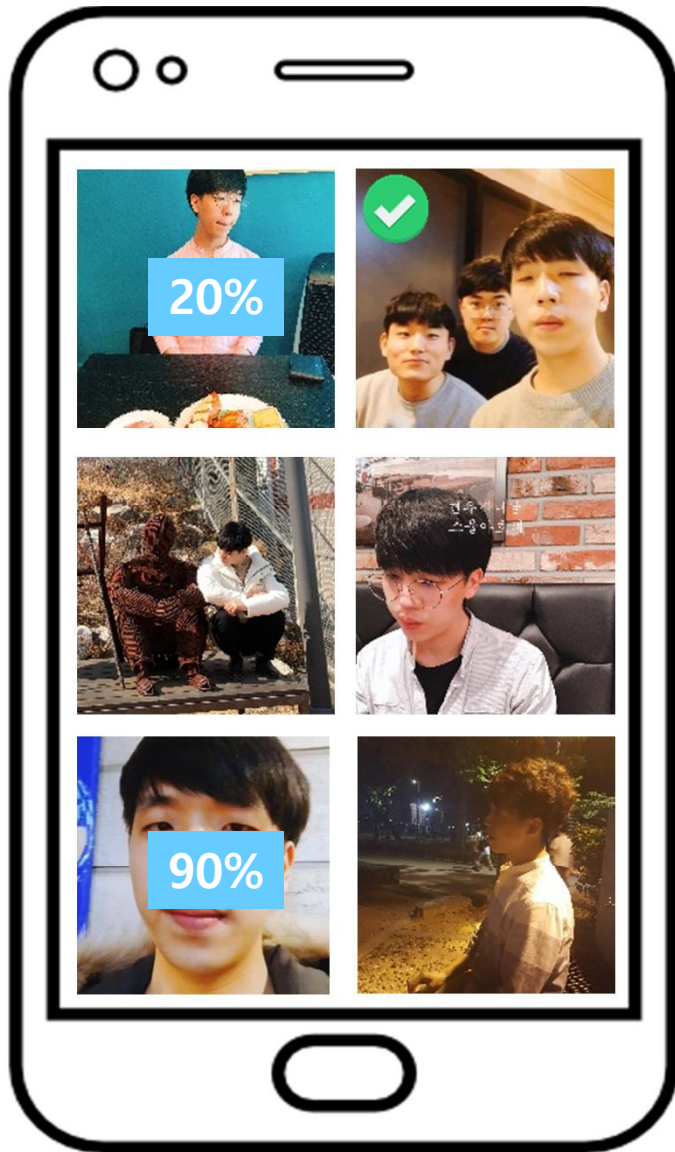
# USER SCENARIO



# USER SCENARIO

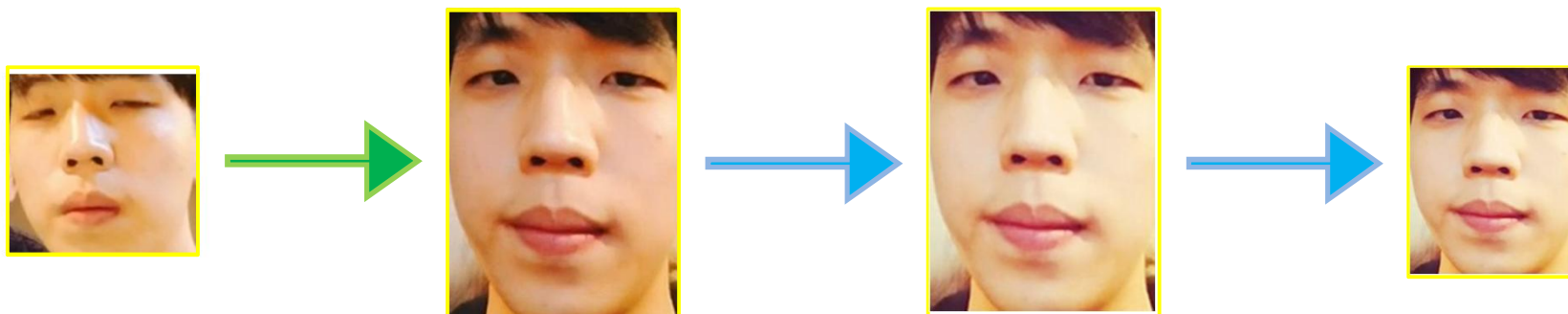


# USER SCENARIO

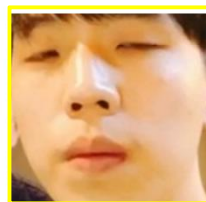




# USER SCENARIO



# USER SCENARIO



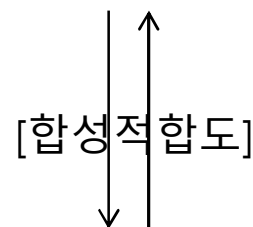
# SYSTEM ARCHITECTURE

**[ANDROID]**

[타겟이미지선택]



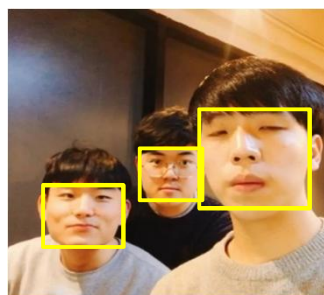
[이미지선택]



**[SERVER]**

[Face Detection]  
[Light Estimation]  
[Face Landmark]  
[Head Pose]

[Light Estimation]  
[Distance]  
[Head Pose]



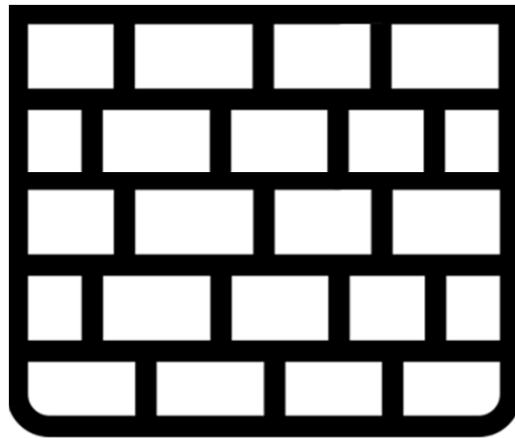
[합성]

[Image Resize]  
[Applying Light]  
[Color Correction]



BENEFIT

진 입 장 벽



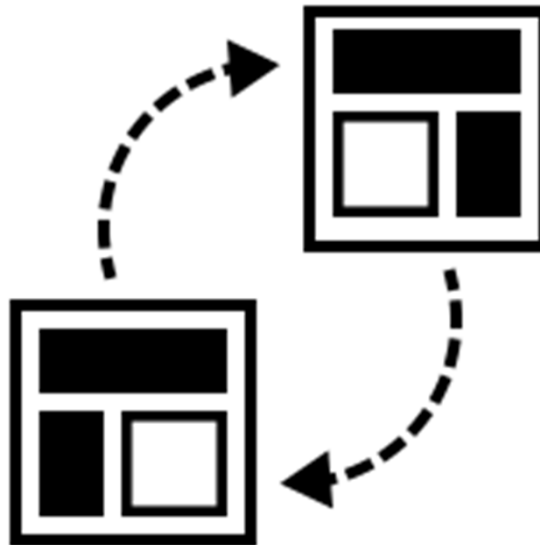
# BENEFIT

## 시간 단축



# BENEFIT

## 활 용 성





The image features a dark, textured background with a series of concentric, ornate gold-colored borders. The borders are composed of thin lines and decorative flourishes, including scrolls, diamonds, and floral motifs. In the center, the text "Q & A" is displayed in a gold-colored, serif font. The text is flanked by horizontal lines and decorative elements, creating a symmetrical, formal layout.

Q & A