

"Connect all the beauty entities with **Skin Data.**"

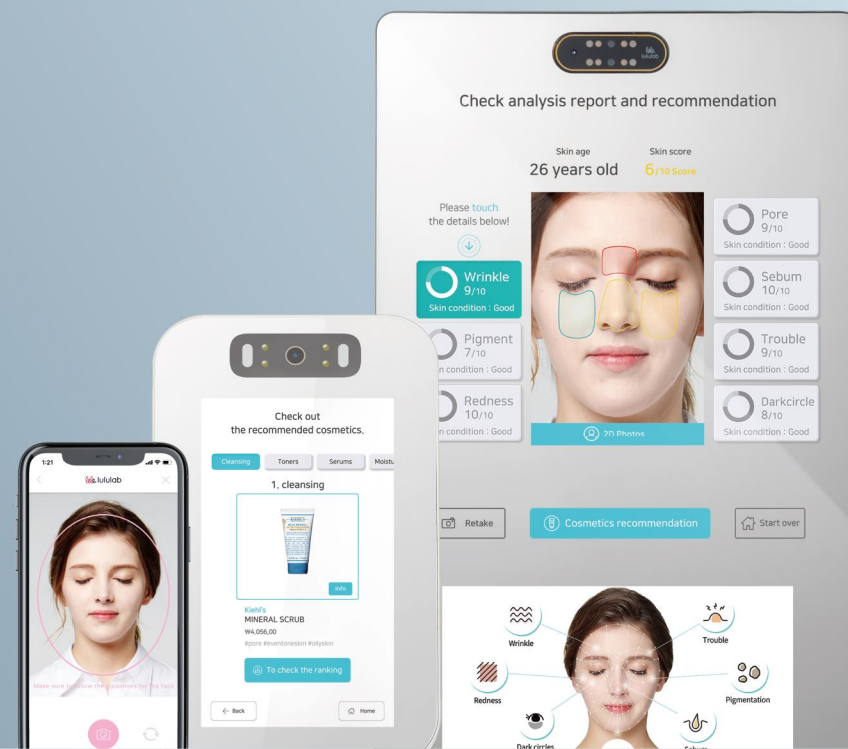


"Connect all the beauty entities with Skin Data"

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lululab SDK

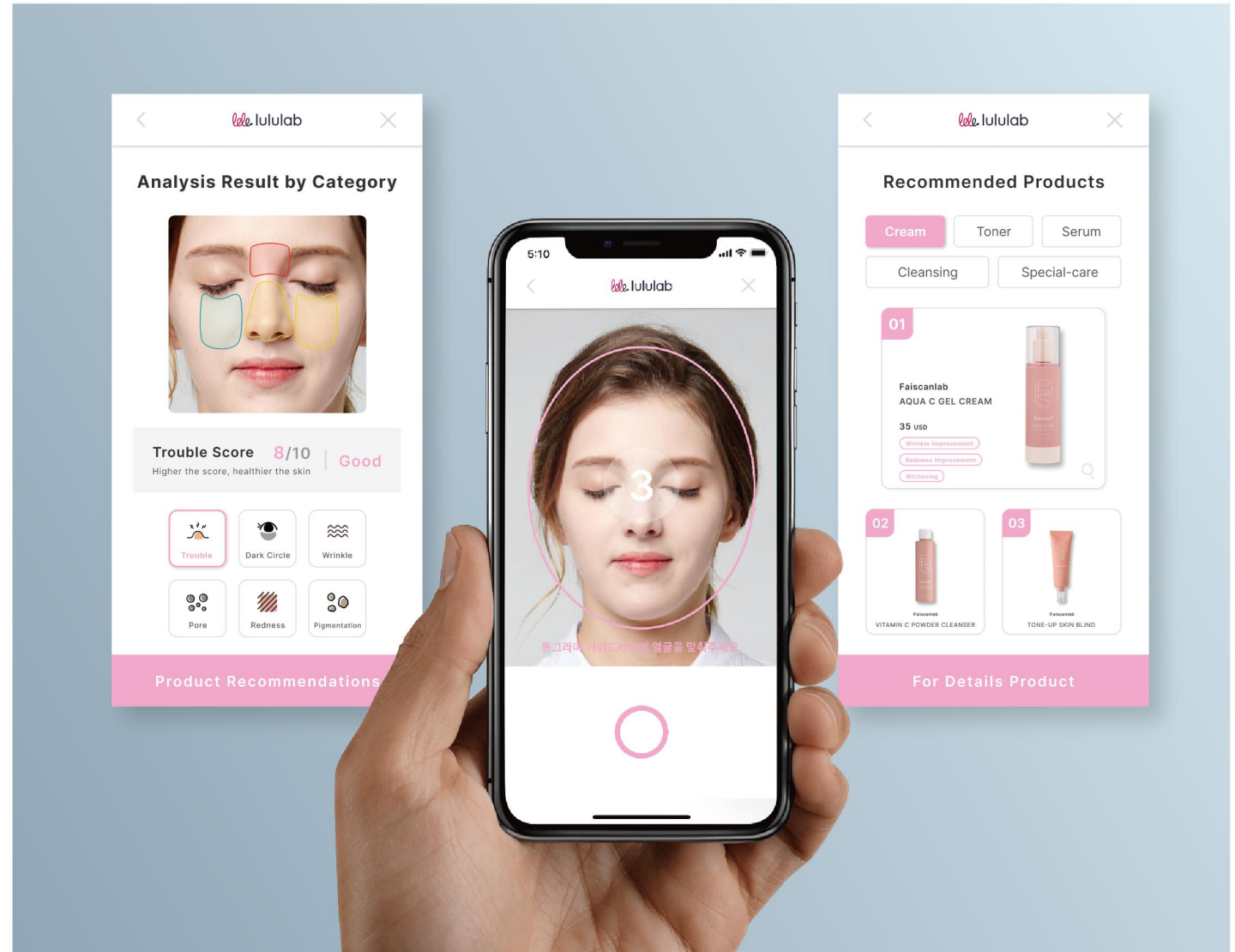
(Software Development Kit)

SDK Application Methods (Web/App)

Enables to provide AI skin analysis service to customers online, increasing customer convenience, satisfaction and adding persuasive power to your business.

Main Features

- 1 Provides AI skin analysis on client's Web/App
- 2 In-depth AI beauty product recommendation
- 3 Sharing purchase link of the recommended products & analysis report function
- 4 Sharing result & analysis link on SNS accounts for viral marketing effect
- 5 Advanced CRM & CMS
(Individual client database, user tendency, historic data to monitor skin improvement and etc)



Lumini Kiosk V2

"AI Skincare Assistant for Stores"

Lumini Kiosk is an AI beauty solution that analyzes entire facial skin with a single snapshot & recommends personalized cosmetics / treatments.

Main Features

- 1 AI skin analysis (7 Skin Measurement Indicators - Wrinkles, Redness, Pigmentation, Pores, Sebum, Trouble, Dark circles)
- 2 In-depth AI beauty product recommendation
- 3 Sharing purchase link of the recommended products & analysis report function
- 4 Advanced CRM & CMS
(Hierarchy account system to manage kiosk by branch, user tendency, historic data to monitor skin improvement and etc)





Lumini Smart Mirror

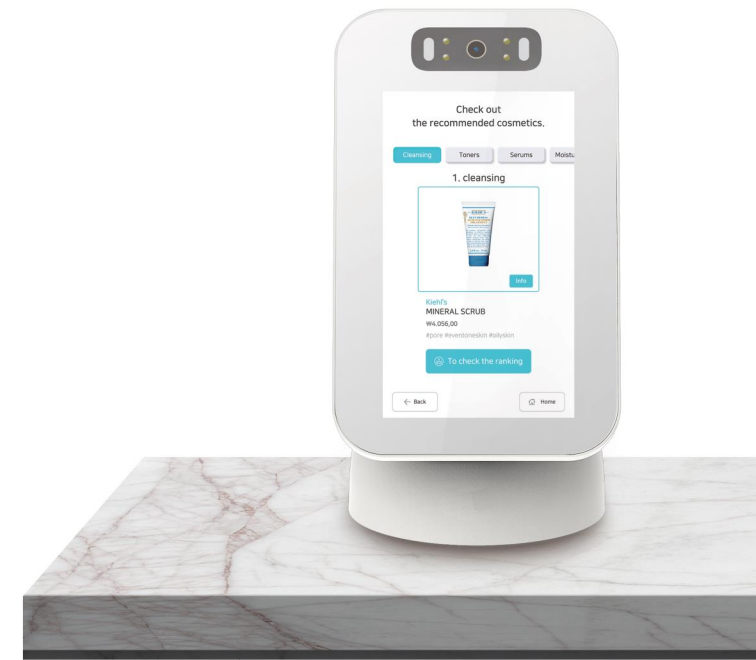
“AI Skincare Assistant for Home”

An AI-based skin analysis product for home use.

Providing tailored product recommendations in accordance with the customer's skin condition, enabling them to improve skin daily on a professional level.

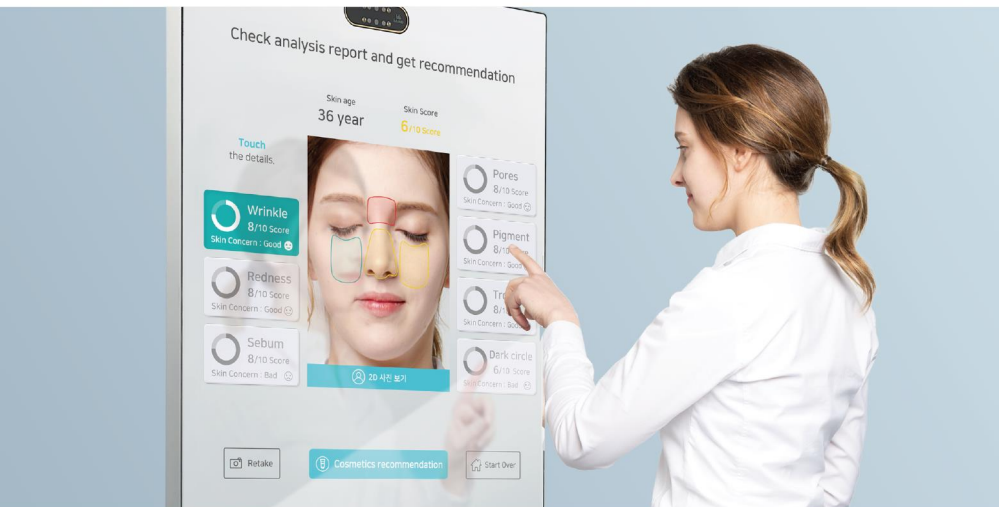
Main Features

- 1 AI skin analysis (6 Skin Measurement Indicators - Wrinkles, Redness, Pores, Pigmentation, Trouble, Dark circles)
- 2 In-depth AI beauty product recommendation
- 3 Sharing purchase link of the recommended products & analysis report function
- 4 Advanced CRM & CMS
(Hierarchy account system to manage kiosk by branch, user tendency, historic data to monitor skin improvement and etc)



AI Skincare

Identify your skin accurately through AI skincare with just a single snapshot



1

Age Prediction

- Just by standing in front of the screen, Lumini automatically scans the entire face to predict user's age through AI-based big data analysis

2

Face Photo Shooting

- AI automatically scans the entire face to predict skin age, and uses special lighting and correction techniques to deliver accurate skin analysis

3

AI Skin Analysis

- Provides skin scoring system from skin age and 7 skin measurement indicators including Wrinkles, Redness, Pigmentation, Pores, Sebum, Trouble and Dark circles. The accuracy of skin analysis keeps increasing through the AI & deep learning technology.

4

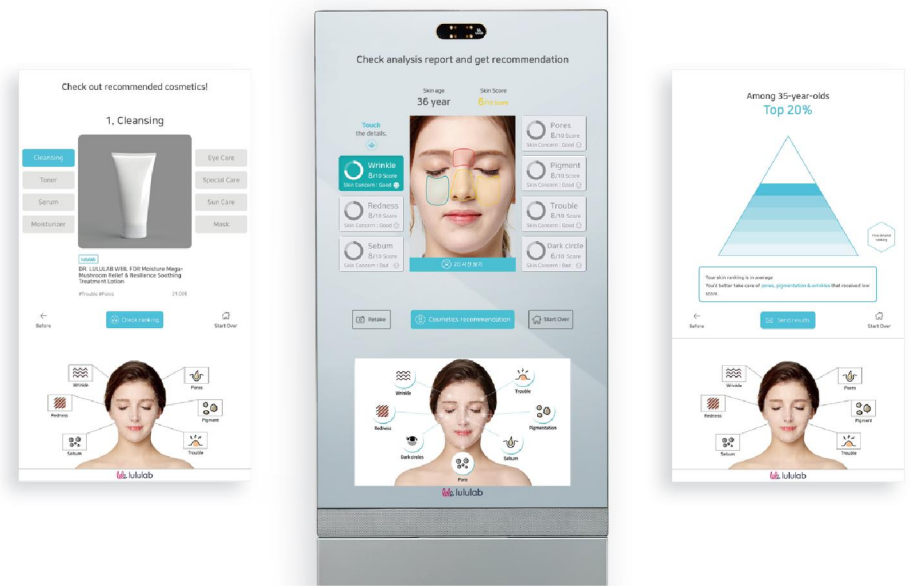
AI Solution Recommendation

- Based on big data, Lumini analyzes the ingredients and formulations of cosmetics providing product recommendation in accordance with analysis results.

5

Skin Scoring / Ranking

- Based on the skin analysis results, Lumini provides skin scoring / ranking by comparing the skin conditions with people of the same age group.





Lumini CRM Service

Main Functions of Lumini CRM



Immediate SMS delivery of user's skin report on-site

- One-page skin analysis report
- Promotion of the recommended products

Reduce marketing costs & increase purchase rate through target marketing

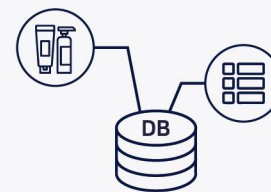
- Use collected customer database to promote the products that match the customer's actual skin types

Statistics for R&D and Store operation strategy

- In-depth insight of data including number of measurements per day, gender ratio, major skin concerns by age, gender etc.

Product Database

Efficient Product DB Management



Add product online

- Add and edit the product information for recommendation part online whenever it is necessary

DB management from the kiosk

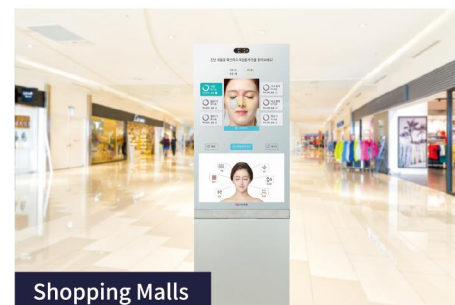
- Effective stock control
- Flexible promotion function
- * There are 8 Categories for Product Recommendation
Toners, Serums, Moisturizers, Eye care, Special Care, Sun Care, Cleansing, Masks

“Enhance customer management & target marketing through CRM service”



Reference Sites

Retail



Shopping Malls



Cosmetic Store



Drugstores

Service-related Spaces



Skin Spa / Beauty Salon



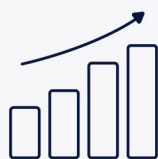
Hair Shop



Hotel / Resort

Ad Banner Service

Advertising Exposure Effects



Boost your sales

Up to 6 advertising banners

- Advertising banner service is available
- Customizable banner designs

Advertise new products & special promotions

- Increase customer awareness of the new products and special promotions through banner exposure

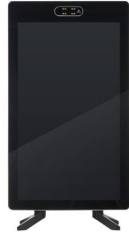
Wait marketing

- Perfect opportunity to turn waiting time into innovative & effective communication while users are waiting for skin analysis

Revenue boosting effect

- Increase sales through product advertisements

Lumini Kiosk V2



Mirror-type

Normal-type

Tabletop

Stand

Display size	23.8inch	23.8inch
Product size	353.2 x 745 x 167 mm	353.2 x 1475 x 390 mm
Weight	12kg	22kg

Lumini Smart Mirror



Mirror-type

Tabletop

Display size	7inch
Product size	132 x 150 x 235 mm
Weight	850g

lululab's History

2022

- 06 Launched Kyowon Wells smart mirror (Lumini-home)
- 05 Launched lululab SDK Web/App skin analysis solution
- 03 Attracted series C investment from SK shieldus

2021

- 11 CES 2022 Innovation Awards : Lumini App, Lumini Scalp

2020

- 12 2020 'Venture Startup Promotion Award' Presidential Citation
- 11 CES 2021 Innovation Awards : Lumini PM
- 11 Attracted series B investment from Netmarble, L&C Bio, CTKI
- 05 Awarded the grand prize in the Korean marketing group category
- 01 Certified as a youth-friendly small and medium-sized company by the Ministry of Employment and Labor

2019

- 11 CES 2020 Innovation Awards : Lumini Home
- 11 Winning the Minister of Science, Technology, Information and Communication Award for Software Industry Protection
- 11 LOTTE AVENUEL 'AI K-Beauty Store' Open
- 09 UAE 'AI K-Beauty Store' Open
- 05 LVMH Innovation Award Prize

2018

- 11 CES 2019 Innovation Awards : Lumini
- 11 COSMOPROF Asia 2018 Award Grand Prize (Skin Care category)
- 02 Selected as exhibition booth of ICT PR Center during the 2018 Pyeongchang Olympics