FINAL PROCESS BOOK

ADVE-725 Digital Media for Advertising Professor Gauri Misra-Deshpande Rui Wang,Yihao Yin,Zhongyue Ma,Peiwen Li Spring 2021



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SORA

 Play White noise.
 Change brightness Simulating target time zone.
 Weather and environment simulation (including sound)



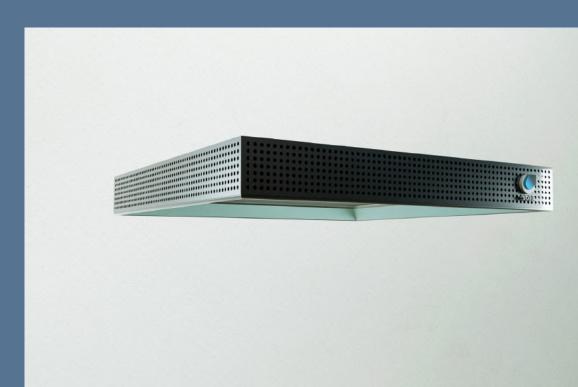
Our Mission

Sleep is a sensory experience. In general, The bedroom space should be a relaxing place and not a source of stress or stimulation. In more than 20 countries worldwide, 64% of respondents recognize that they have sleep problems. But most people don't realize the importance of the sleep environment. In fact, The sleep environment has become an indisputable key point to enhance your sleep quality.

SORA has always focused on community sleep health. We have always believed that improving the sleep environment can help more people with sleep quality.

And now we're on a mission to make sleep easier than ever for everyone with innovation, bring a nice sleep environment, and improving sleep quality.

A good sleeping environment leads you to fall asleep easily, from the time you are relaxing in bed after a long day to the pleasant SORA. SORA allows you to wake up refreshed.



BRAND STORY

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Research

- -Research Objective
- -Persona
- -Question
- -Survey Results

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RESEARCH OBJECTIVE

What is the common similarity for people who have poor sleep quality? What factors affect sleep quality and how they deal with it?

We are a team of advertising graduate students from SCAD; We are studying people's sleep quality problems to find a new way to replace the medication to treat sleep. We are looking for people aged 18-45 who are interested in participating in the interview.

Recruitment Criteria

WIn your opinion, how would you rate your quality of sleep? (Very good; Good; Average; Poor; Very poor) Have you experienced sleep problem in the past week? Do you have trouble falling asleep? How many hours do you sleep? (more than 8 hours, less than 4, 4–6, 6–8) Do you mind taking drugs for sleep? Do sleep issues affected your daily life/productivity?

Persona Study & Journey Map

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^{○●} | Kylie, 25

Income: \$15.000 (O53 Colleges and Cafes) Location: Live with three roomates in an apartment near the college. Occupation: Medical Student of Columbia University

Kylie has five classes a week and lots of homework, she also needs to prepare for lab all the time.

Her roommates always making noise, which makes it difficult for her to fall asleep at night.

irregular sleep schedule and anxiety make her sleep quality worse, and it also impact her life quality.

After taking sleeping pills, Kylie found that she was dependent on it and made her feel drowsy in the morning.

In order to change this situation, Kylie decided to find a new non-drug way to improve her sleep quality.



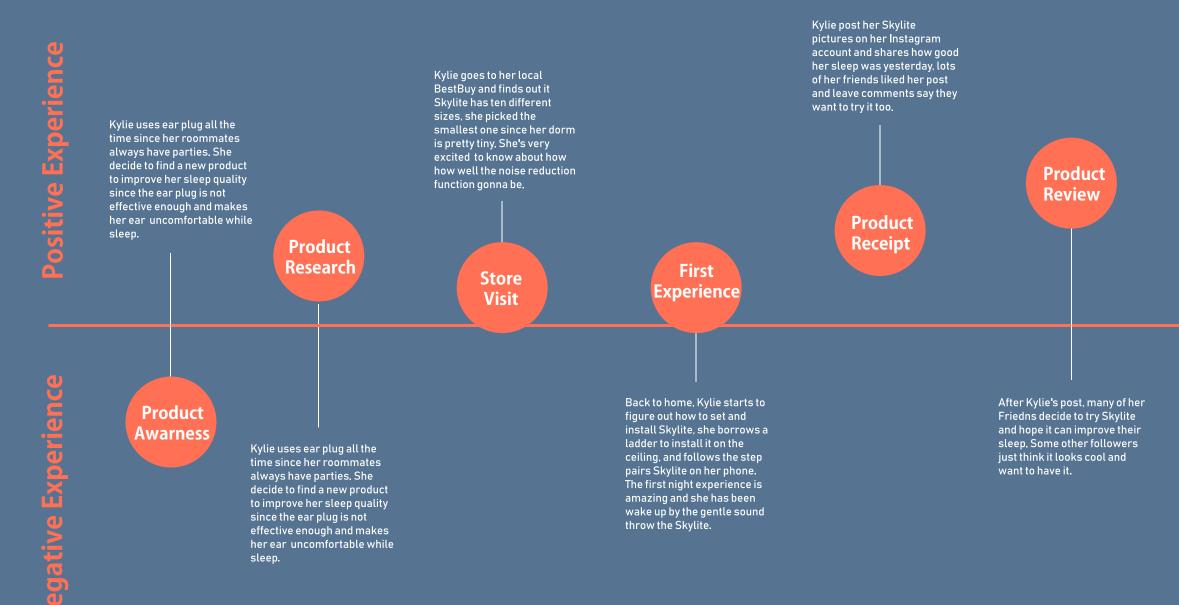


Awareness

Consideration

Purchase

Retention



Advocacy

Enjoy Better Sleep

Kylie and most of her Friends who bought the Skylite improved their sleep quality dramatically since they don't need to afraid environment noise affect their sleep, and the night view of Skylite provide a great experience.



Max, 42

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Income: \$175.000 (A03 Kids and Cabernet) Location: Living in a house with his family in Charleston. Occupation: Programmer in Apple

Because of Covid, Max start to work from home and move to his hometown in Charleston with his family.

He needs to follow the California schedule since his other team is still in LA, and this leads Max has Jet lag issue since the four hours difference between two location.

Due to the heavy workload, his sleep quality is low. He often has difficulty falling asleep or waking up during the night.

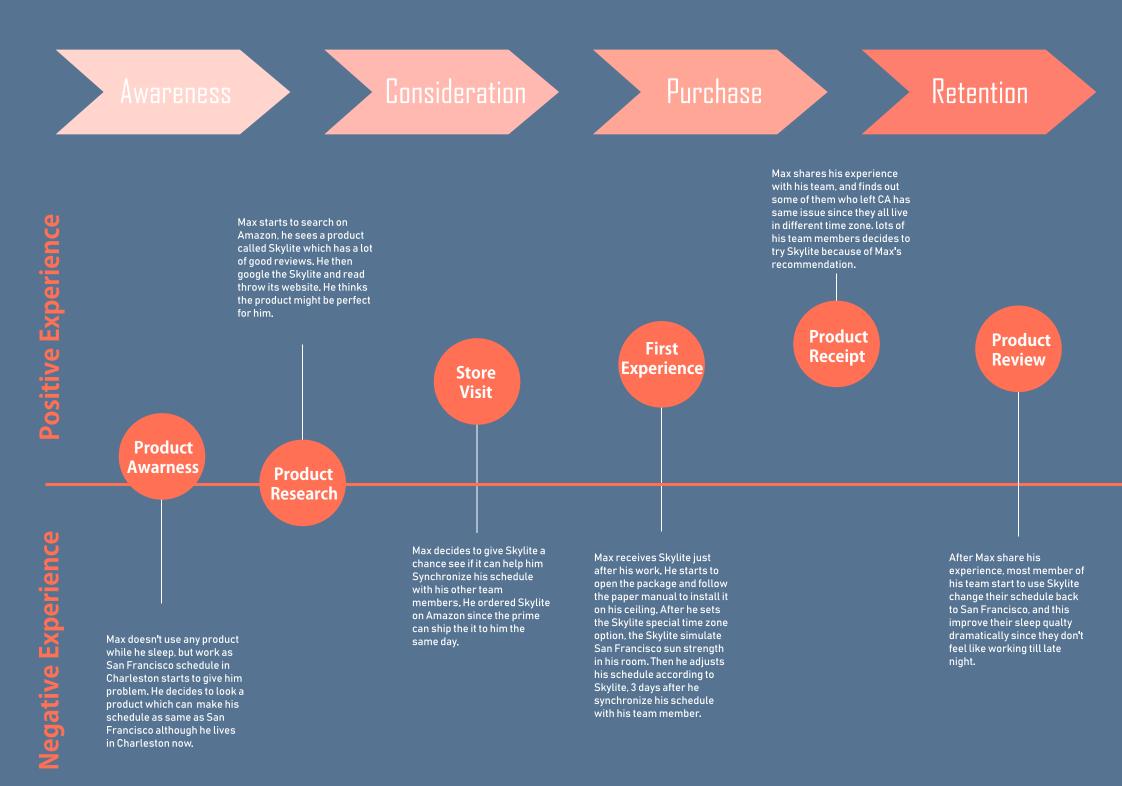
Max is very interested in high tech products and likes to try new things, so he hopes to find a comfortable and healthy way to help him improve sleep quality.

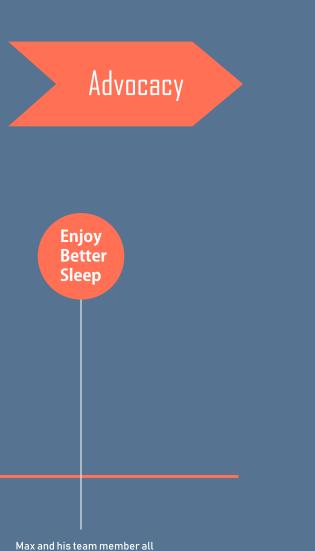












improve their sleep quality greatly since they don't need to sleep late because of the different time zone.



^{○●} Iris, 33

Income: \$125.000 (F22 Fast Track Couples) Location: Live in a house in the suburbs of Atlanta with her husband. Occupation: Medical Student of Columbia University

Iris enjoys her job as a novelist, but this job makes her sleep schedule daily mess.

Due to her job, Iris has poor sleep quality, and she often suffers from insomnia and anxiety when the due date is approaching, so she has to take sleeping pills.

This year, Iris and her husband plan to have a baby. In order to ensure the health for their baby, Iris decided to look for a non-drug product that has no side effect on fetal development to improve sleep quality.







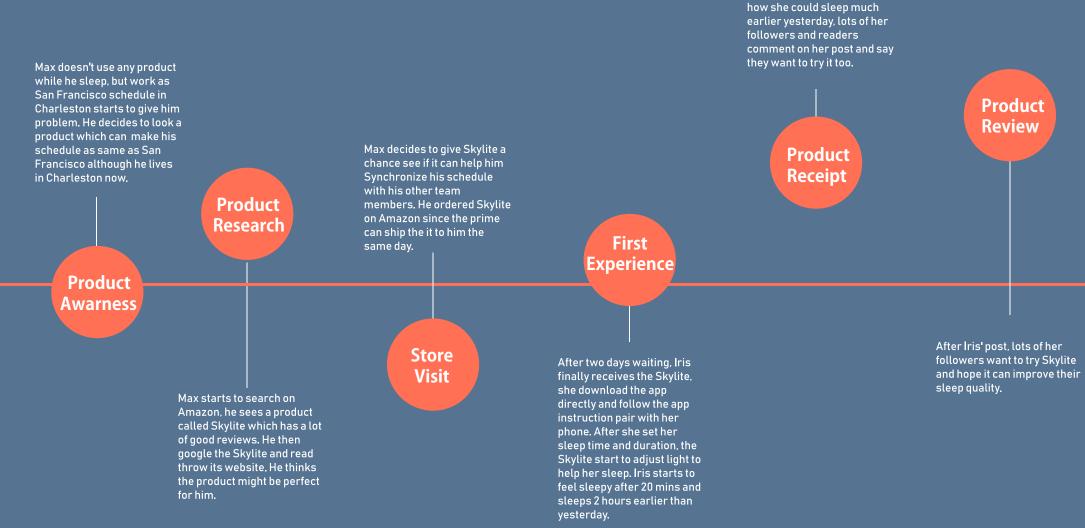
wareness

Consideration



Iris post her Skylite pictures on her twitter and shares

Retention



Vegative Experience

Advocacy



By using Silenzer, Iris successfully improved her sleep schedule and feel much more comfort and much less anxiety to have her first baby since she doesn't need to worry her bad habit will affect her children.

• Questionnaire

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Demographic info

1. Age 2. Gender 3. What is your occupation? Management Business and Financial Operations Computer and Mathematics Architecture and Engineering Life, Physical, and Social Science Community and Social Service Law Educational Instruction Arts, Design, Entertainment, Sports, and Media Healthcare Practitioners and Technical Healthcare Support Protective Service Food Preparation and Serving Building and Grounds Cleaning and Maintenance Personal Care and Service Sales and Client Services Office and Administrative Support Farming, Fishing, and Forestry Construction and Extraction Installation, Maintenance, and Repair Production Transportation and Material Moving Military 4. Income

$\mathbf{O}\mathbf{O}$

Sleep Quality

5. Have you ever experienced sleep or are experiencing sleep problems?

6. What's your greatest issue for sleep? can't fall asleep dreaming wake up during the sleep Sleep duration is too short Others

7. How often do you sleep issue? Always Very often Sometimes Rarely Never

8. How many hours do you sleep per day? 1.3 or Less than 3 hours 2.4 to 6 hours 7 to 9 hours More than 9 hours

9. Will you wake up during the night?

10. Why you wake up during the night?

11. How does poor sleep affect the following? Professional life Energy Mood Realtionship

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Factors Affecting Sleep Quality

12. Do you have a nap during the day? (sleep disorder) 13. Do you do any exercise during the day?

14. Is your sleeping environment quite and dark? Dreaming

15. How long it takes you to fall asleep once you are in bed? Less than 15 min 15-30 min 31-45 min 46-60 min More than an hour

15. In your opinion, What affects your sleep quality? Irregular sleep schedule Snoring External light Noise Temperature Others

17. Please state which of the following activities do you usually do before you go to sleep? Check email social media Watch TV Read books or ebooks Sex Drink alcohol Smoke Play video games None of the above Other (Please specify)

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Current Solution

18. What methods do you usually use to improve sleep quality?

Medication Sleep Apps Wearables and Fitness Trackers Smart Beds and Mattresses Others

19. Have you ever take drugs to fall asleep?

20. What's your attitude with melatonin?

I rely on melatonin to fall asleep every day I try to control the frequency of taking melatonin as much as possible I only take melatonin when I have no other choice l never take melatonin.

21. Do you think take drugs or melatonin is a good way to help sleep?

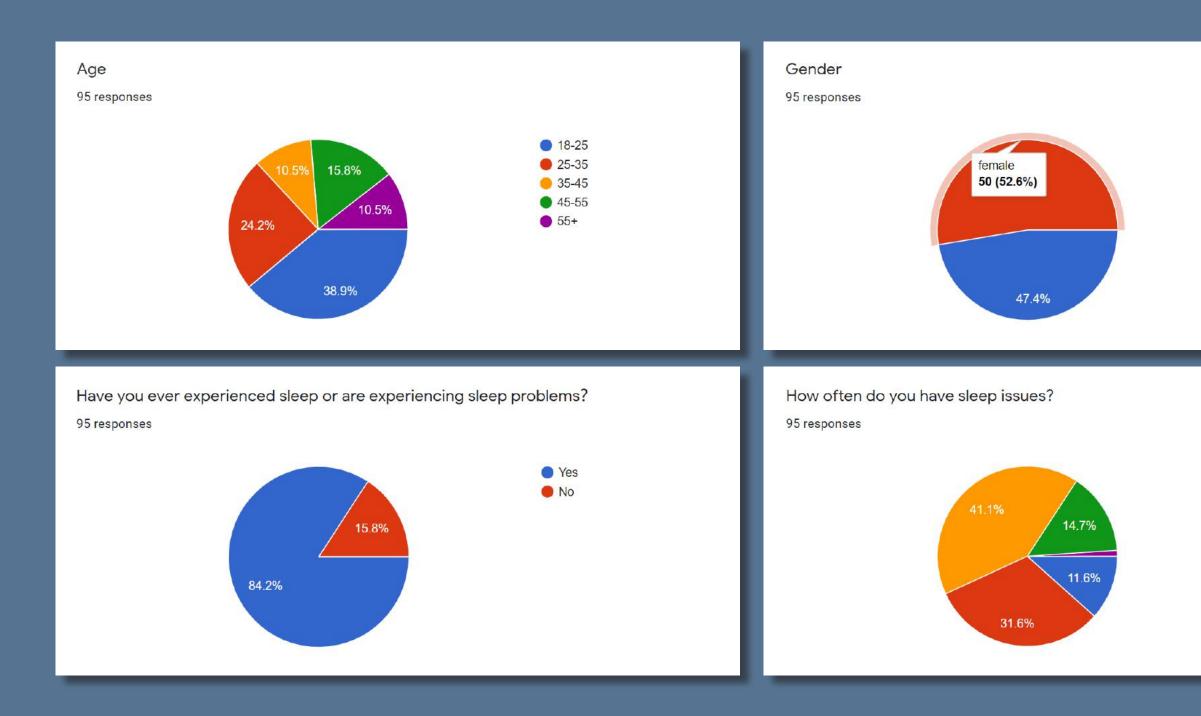
22. If there is new way to help you improve your sleep quality, are you willing to try it?

23. On a scale of 1 to 5, 5being the greatest, how much do you think the following points contribute to your sleep quality?

Work stress	Μ
Finical issues	Te
Relationship problems	Ni
Caffeine	Sr
Health issues	Dr
Waking up to go to the bathroom	W
Any type of sounds	

Nultiple thoughts emperature ightmares moking before sleep rinking before sleep /orking late

• Survey Results



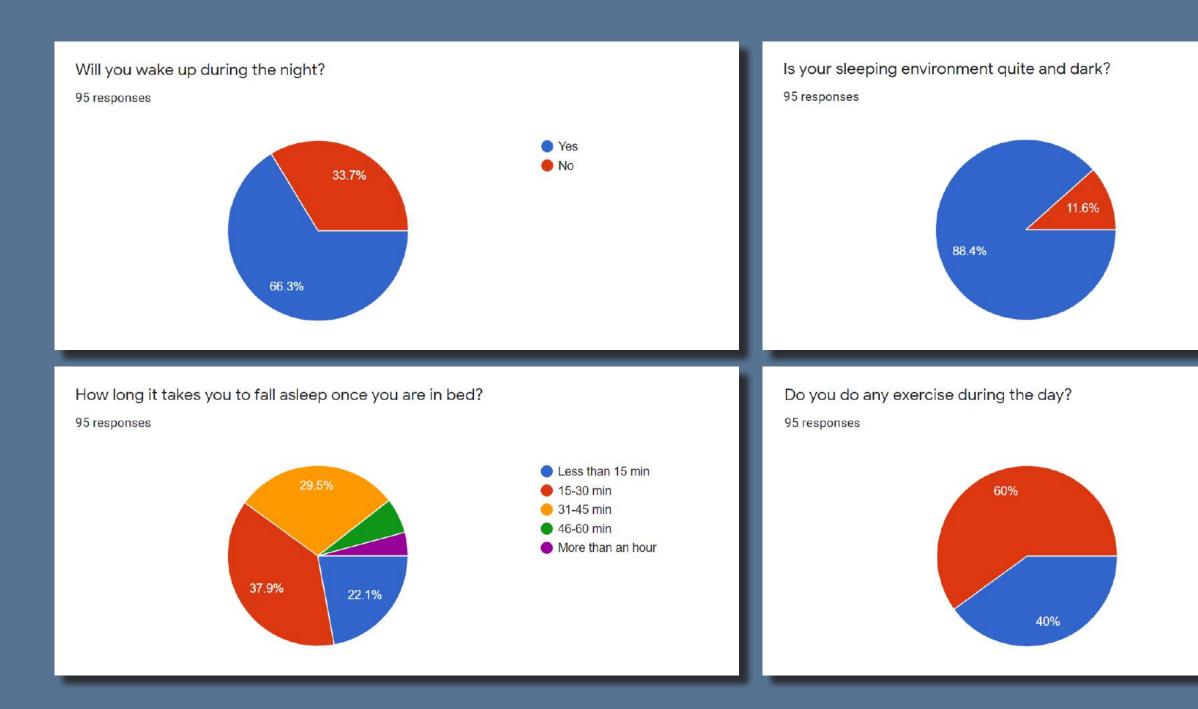








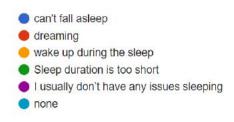




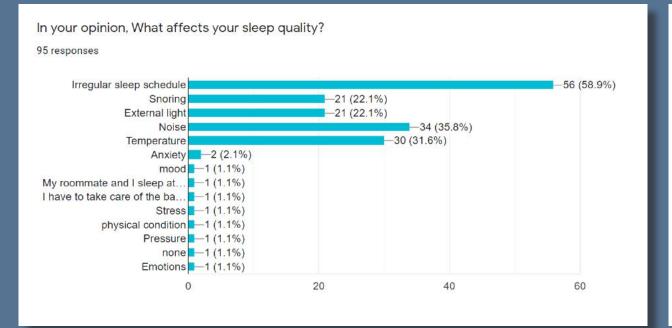




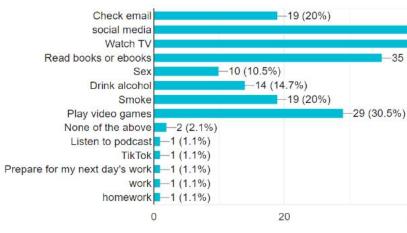




3 or Less than 3 hours
4 to 6 hours
7 to 9 hours
More than 9 hours

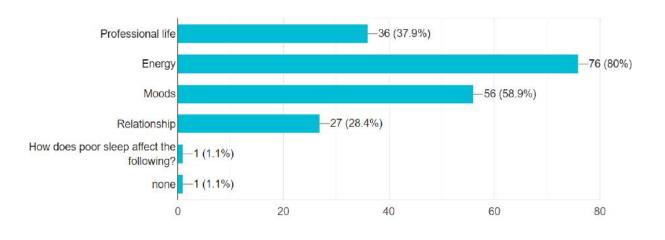


Please state which of the following activities do you usually do before you go to sleep? 95 responses



How does poor sleep affect the following?

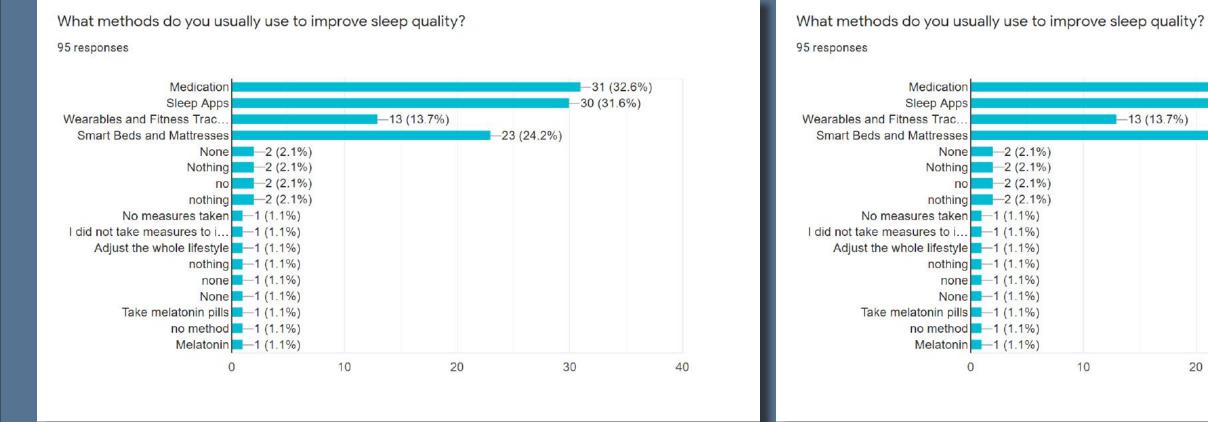
95 responses

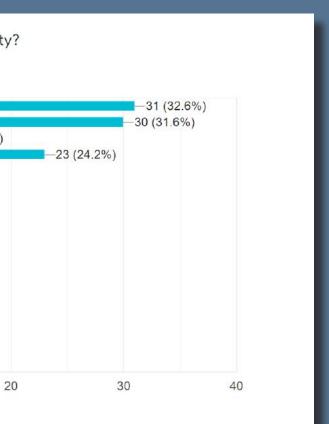


how much do you think the following points contribute to your sleep quality? 95 responses

Work stress Financial issues -24 (25.3%) Relationship problems -23(24.2%)Caffeine -31 (32.6%) Health issues -36 (37.9%) Waking up to go to the bathr. -36 (37.9%) Any type of sounds -36 (37.9%) Multiple thoughts -30 (31.6%) -34 (35.8%) Temperature -29 (30.5%) Nightmares Smoking before sleep -14 (14.7%) Drinking before sleep -10 (10.5%) Working late -37 (38.9%) sleep environment -1 (1,1%) Finical issues -1 (1.1%) none -1 (1.1%) 0 20 40







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-Creative Brief -SWOT Analysis -Strategy -Initial Idea -Name & Tagline

Insights

According to the survey, there are 44% of people always being affected by the sleep disorders.

Among our interviewees, the inability to fall asleep is the top problem, accounting for 43% of sleep problems.

38% of people experience dreaming and awakening during sleep.

The result has shown that the sleep environment has become the biggest factor affecting sleep quality. 24% think that light affects sleep, 41% think that noise affects sleep quality, 28% think the temperature has contributed to sleep quality. Although 50% of people have used drugs to aid sleep, everyone generally does not support drugs.

About 73% of people believe that drugs are not a good way to improve sleep quality.

92% of people willing to try new ways of improving sleep quality.

60%-80% of respondents with sleep problems use electronic devices before going to bed.

Although nearly half of the respondents take a nap during the day, 48% of people don't have enough sleep.

Product Positioning

According to the survey results and the demands of the survey respondents, our product positioning is:

Improving patients' sleep problems without medication.

A product that use lights and sounds to make a nice sleep environment for people who has sleep disorders.

Associated with the mobile phone APP to remind users to control the time of using electronic devices before going to bed.

•• Creative Brief

Overview

- Among the twelve countries in the world, 77% of surveyed adults recognizing that sleep has an impact on health, 62% admitted they sleep only somewhat well and 44% stated that their sleep has worsened in the past five years.
- According to the Centers for Disease Control and Prevention, about 70 million Americans suffer from chronic sleep problems and poor sleep health resulting in sleep deprivation, which has a high correlation to depression, obesity, diabetes, heart disease, stroke, neurocognitive disease, and even cancer.

What is the communication problem or opportunity? (The Why)

- At present, sleep problems are widespread among adults around the world, and there is no more direct and effective way or product for this other than drug treatment.
- For a small number of people (pregnant women, children, people with mental illness, and people with other diseases) taking sleep aids is not a safe and reliable option.
- Currently, the functions of products in the market are relatively single, and the repetition rate is high, and most of them do not effectively help improve the quality of sleep.

What facts are most likely to produce this response? (Market Research)

The global sleep aids market was valued at USD 71 billion in 2018 and it is expected to grow with a CAGR of 7% over the forecast period of 2019-2025.

There are over 100,000 health apps combined in the Apple and Google Play mobile app store. One target for health and fitness app developers has been sleep and sleep hygiene. These apps have a broad range of functions, including smart alarm clocks, sleep aids, sound recording during sleep, and sleep analysis.

Marketing Objective:

Through our product design and promotion, the simple appearance and the function of changing sleep environment can attract target audience, effectively help people to improve sleep quality, expand the reputation of the product in the market, and increase brand loyalty.

Expectations:

We want to provide a product that can replace the medication and improve sleep quality for people.

Target Audience:

People with sleep disorders, such as students, parents of newborns, pregnant women, people who smoke or drink before going to bed, workers with high work pressure, and people who rely on electronic devices before going to bed.



Competitive analysis

BOSE white noise sleep buds

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Sleepbuds[™] work with the Bose Sleep app to deliver relaxing sounds to help you fall asleep, and use Bose noise-masking technology so you stay asleep all night.

Choose from more than 50 sounds – from relaxing content to lull you into peaceful sleep to Bose-engineered noise-masking sounds specifically designed to cover unwanted nighttime disturbances. More content will be added to the Sound Library through future software updates.



Competitive analysis

Philips smartsleep

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Which connects to your home Wi-Fi, helps improve your sleep quality by helping you learn about how the environment in your bedroom affects your rest. You'll be interacting with its proprietary app SleepMapper to document and receive feedback on some of your behaviors.

In addition to tracking your sleep patterns, SmartSleep works with its companion app to track and monitor your bedroom's temperature, noise, light and humidity levels. The light it emits is designed to ease you out of sleep.

Current Beliefs:

Most target audiences do not want to use sleep drugs to improve sleep quality Most target audiences have a high acceptance of new products. Most target audiences hope that the product is affordable, convenient and practical, and has no side effects.

Key Net Take-Away:

This is a product that can bring me a good sleep atmosphere, can relax my stress and give me a solid sleep.

Reasons To Believe:(Technology)

White noise helps create a comfortable environment for people. Since white noise contains all frequencies at equal intensity, it can mask loud sounds that stimulate your brain. That's why it's often recommended for sleeping difficulties and sleep disorders like insomnia.

Findings indicate that room light exerts a profound suppressive effect on melatonin levels and shortens the body's internal representation of night duration. Hence, chronically exposing oneself to electrical lighting in the late evening disrupts melatonin signaling and could therefore potentially impact sleep, thermoregulation, blood pressure, and glucose homeostasis.

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SWOT Analysis

We analyze the market of the product based on the concept of our product and the pain points of the target audience.

Strengths

No side effects, no dependence, no intervention in the body, safe and convenient to use. Sound waves can improve the quality of sleep. The light source provides users with a good sleeping

Weaknesses

The price will be higher than sleep drugs or traditional APP. People have concerns about power consumption, product life, user experience and after-sales service.

Opportunities

The sleep aid products currently in the market have a single function and a high repetition rate.

People's high acceptance of high-tech products.

People's generally negative attitudes towards sleep drugs.

Threats

The same type of high-tech sleep products in the market. Such as BOSE white noise sleep buds and Philips smartsleep.

Strategy

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Get everyone who has sleep problems(disorder, noisy environment) to bring a nice sleep environment and improving sleep quality by simulating the sky and natural sounds according to the user's sleep pattern because everyone deserves a nice sleep environment.

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Initial Idea

Sleep Ear Plug(Active noise canceling) Projector with Fragrance Window which simulate other time zone

Name Development

1.	Skylite	2
2.	SkyPower	2
3.	Sky Eye	2
4.	Sky-Light	2
5.	Hypons	2
6.	Moods	2
7.	Skyln (Sky in)	2
8.	Nighty-night.	2 2 2 2 2 2 2 2 2
9.	SleepNite (Nite=simplified spelling of night.)	3
10.	Dreamland	3
11.	U Dream	3
12.	Sleep guard	3
13.	Dreamsky	3
14.	Dreamspace	3
15.	Deeper sleep	3
16.	Laxity	3
17.	Dreamland	3
18.	Heal	3
19.	Morpheus (is a god associated with sleep and dreams.)	4
20.	Dream studio	4
21.	SLab (Sleep lab)	4

- 2. Sleeplite
- 23. Sleep-lull
- 24. Illuminate
- 25. Skylux
- 26. Amemiya
- 27. Blur
- 28. Phantom
- 29. Simlulite
- 30. Emulite
- 31. Simforce
- 32. LUNA
- 33. Selene
- 34. Spyder
- 35. SORA
- 36. HOSHISORA
- 37. Wonderland
- 38. Illusion
- 39. Sleep-Mood
- 40. Dream Whisper
- 41. Lull Dream
- 42. Lullabies

Tagline Options

- Your best sleep ever.
- Sleep well in a relaxed mood.
- Better environment, Better mood, Better sleep.
- Better sleep, Better life.
- Meet the sky, from day to night. 6.
- From falling asleep to waking up, more naturally.
- No more jet lag no more pain
- Let light guide you.
- 10.
- Light your dream. 12.
- Changing lump, deep sleep.
- The sky belongs to you.
- For your sleep, mood, even better tomorrow.
- Purely for sleep.
- Your beloved sleep.
- Have a skylight in your room.
- Not just a sweet dream.
- 20. Let the sunrise wake you up.

- Let the stars accompany you to sleep. 21.
- 22.
- 23. Where Dream Meets Ceiling/Roof/Home.
- 24. Restful Sleep, Easy Environment, Healthy Body.
- There is a vision/ dream/ sky for everybody.
- Talking to the dream / Whisper to the dream 27.
- Let you sleep your best.
- 29.
- and that's the only way you'll find it.
- Smarter sleep 30.
- No more noise no more pain
- 32. Live in your own time zone
- 33. Change your time zone with a button
- 34. Sleep naturally.

Product Design

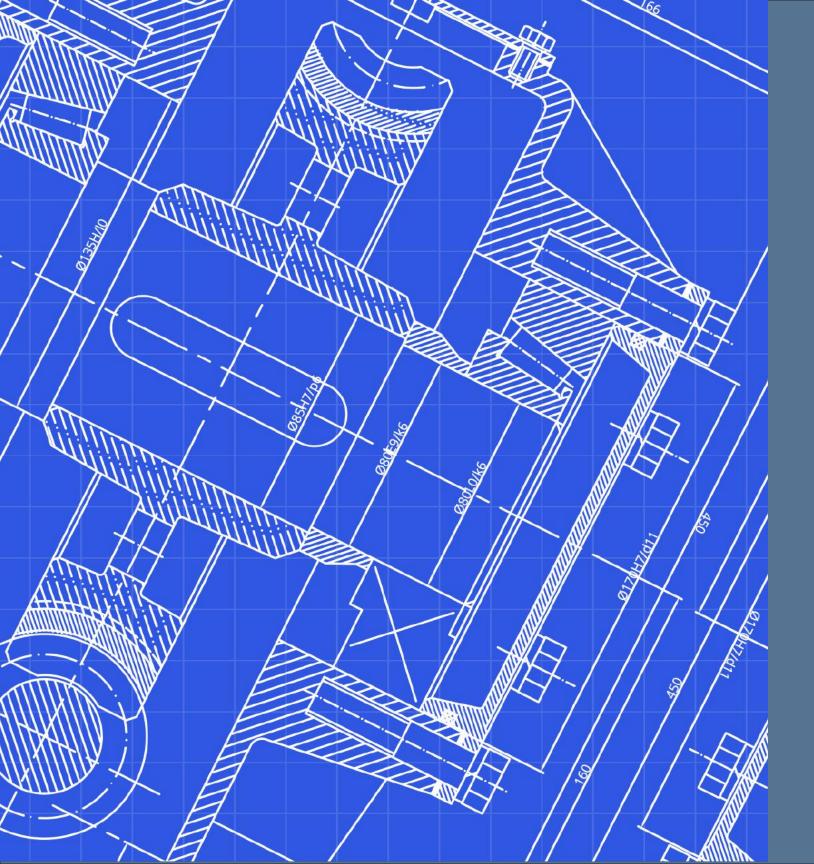
-Features

- -Sketches
- -Prototypes
- -App Mockup
- -Prototype Testing
- -Prototype Feedback









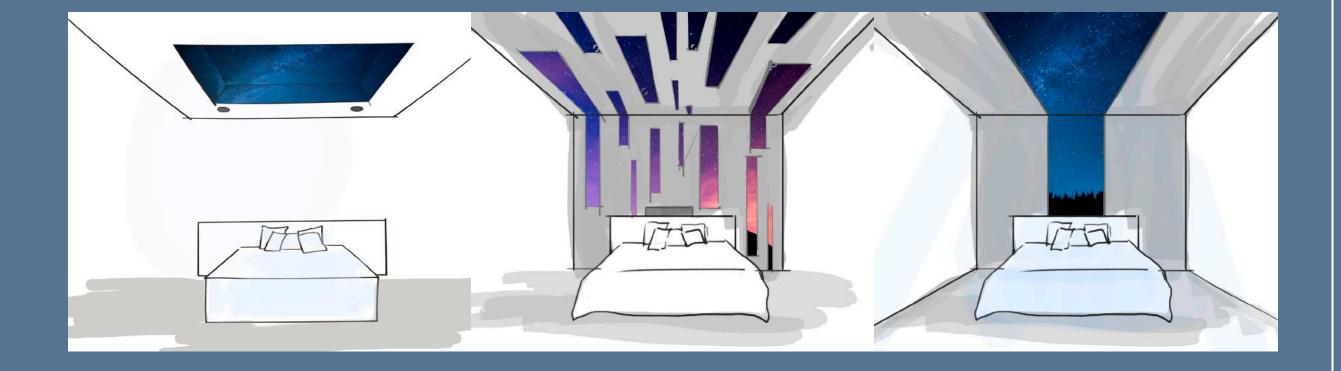
Prototype Sketches

Technology

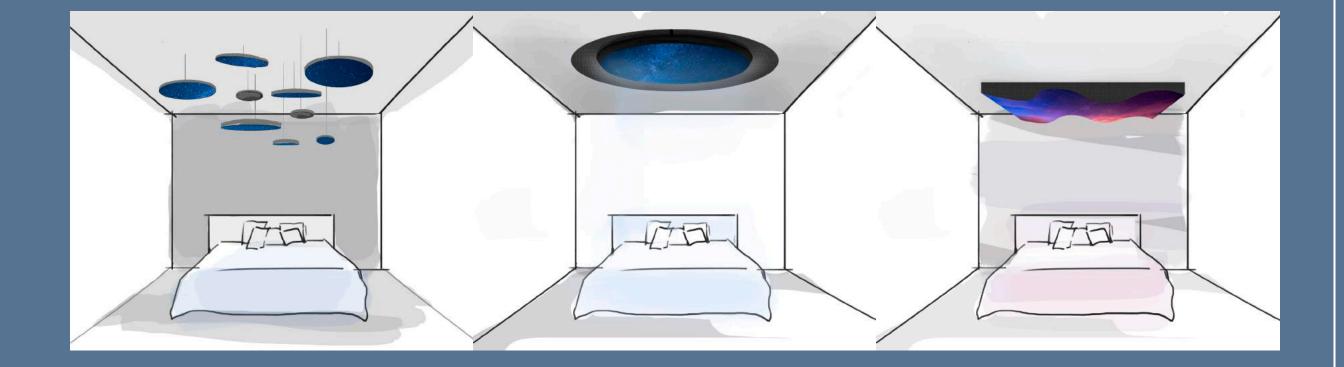
Noise-masking Technology, AMOLED, Environment Light.

Feature

Play White noise. Change brightness Simulating target time zone. Weather and environment simulation (including sound)



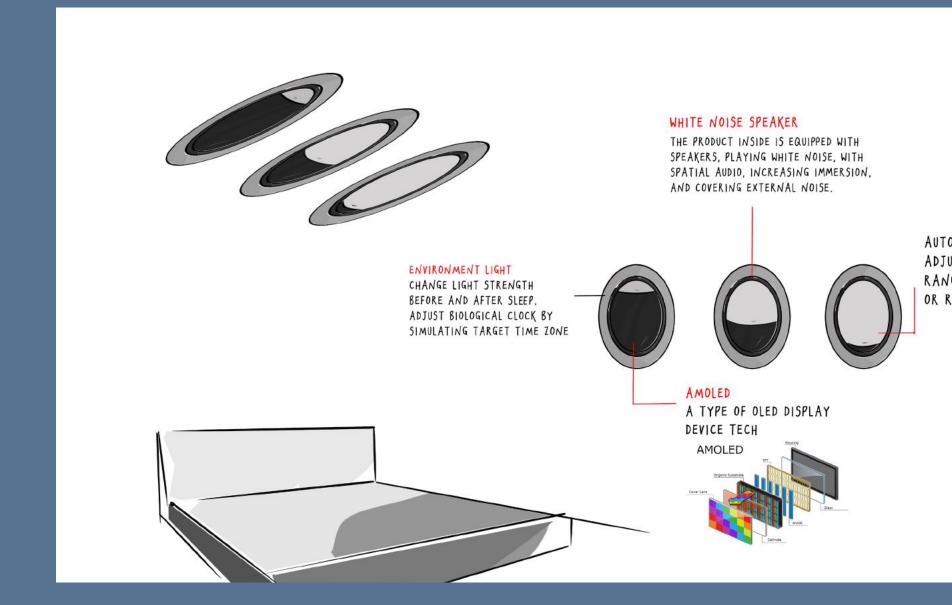






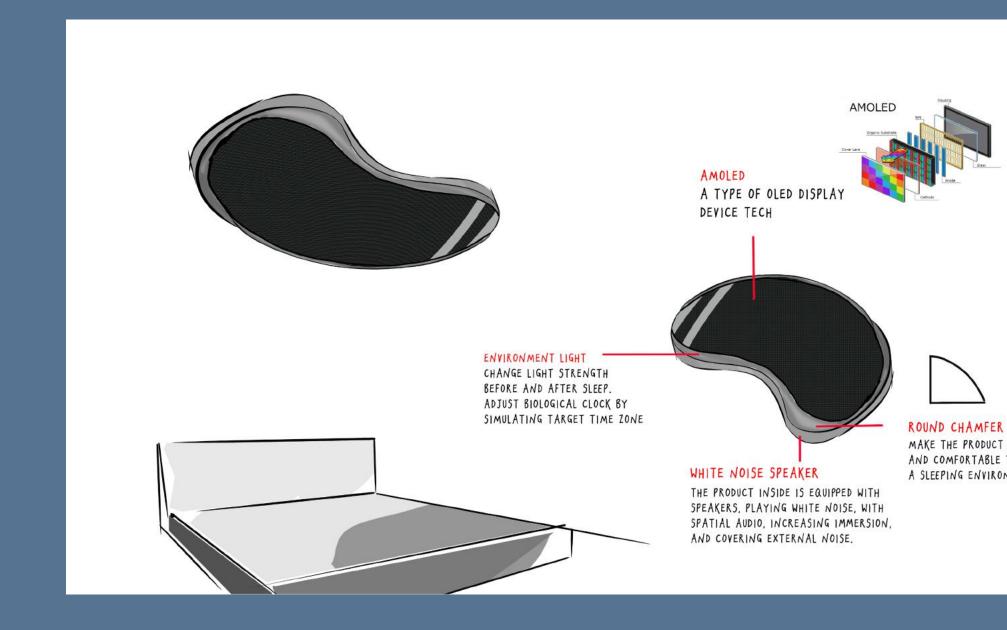






AUTOMATICALLY ADJUST THE DISPLAY RANGE THROUGH APP OR REMOTE CONTROL.

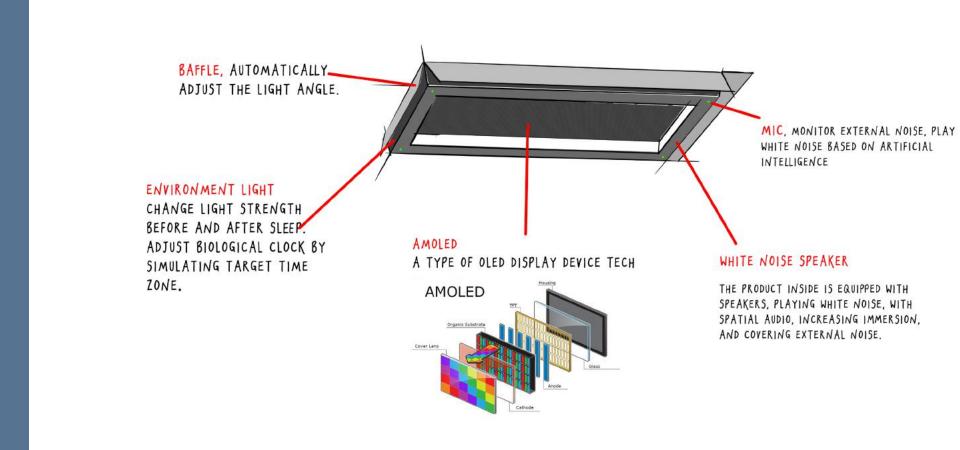
0 **Exploring Sketches**

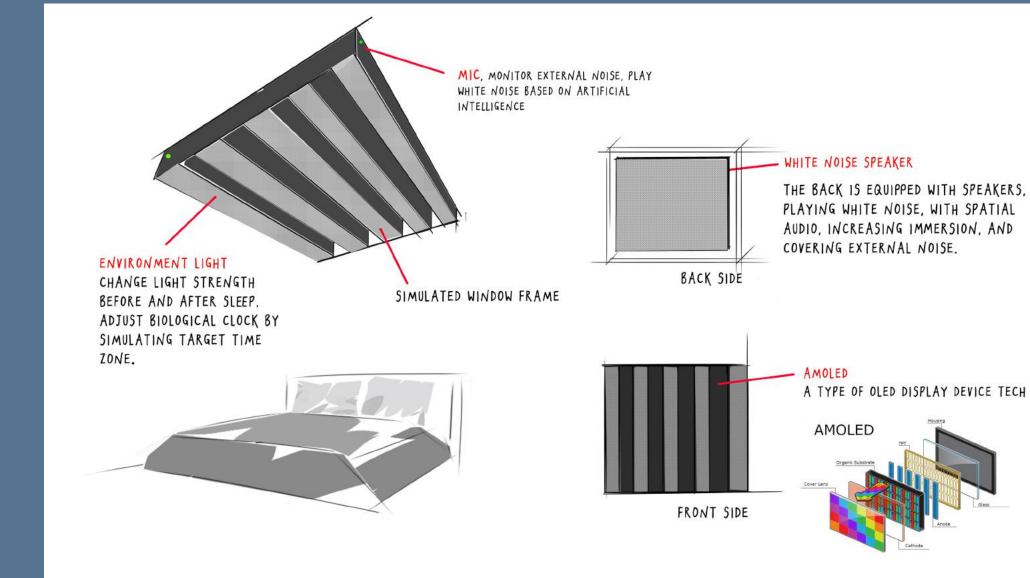


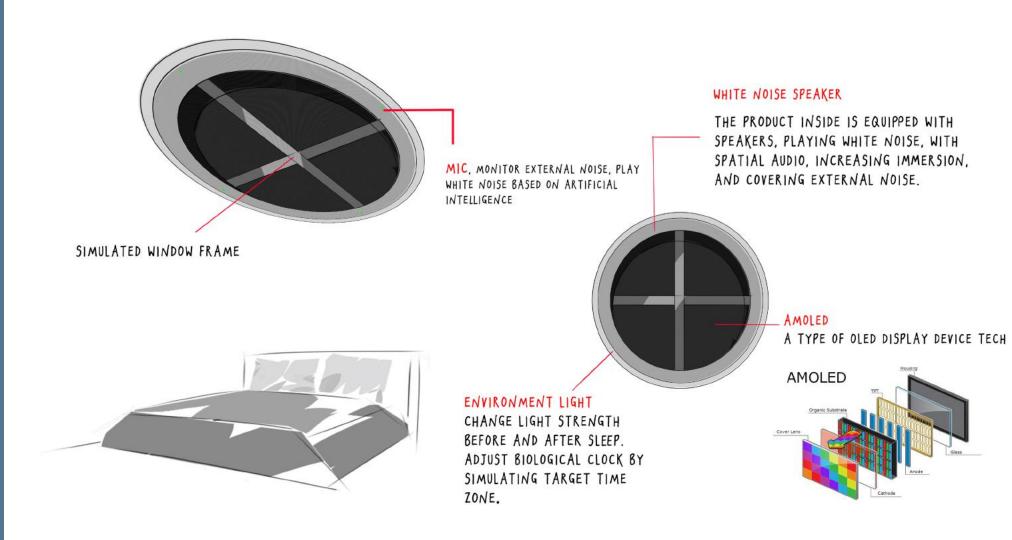


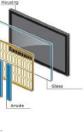


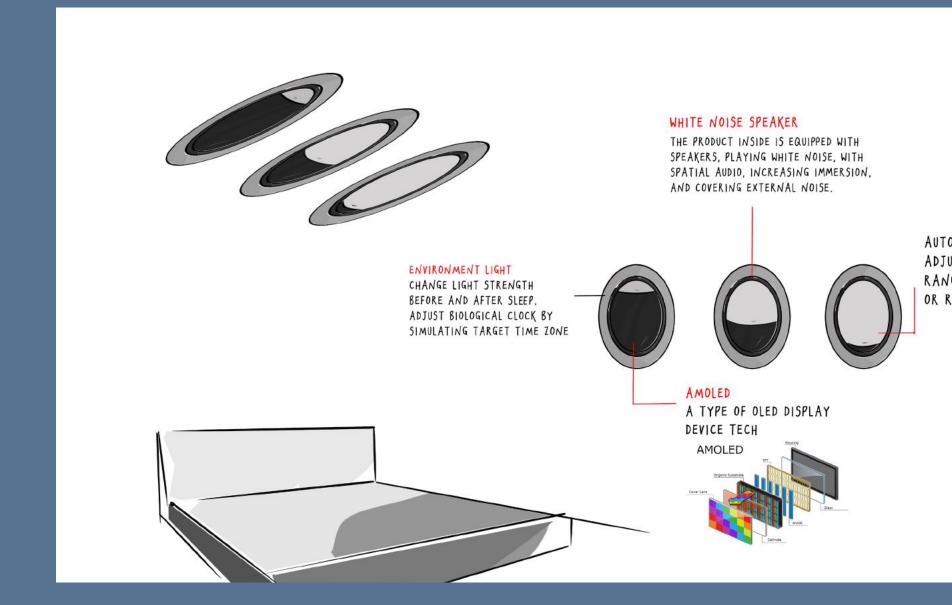
MAKE THE PRODUCT SLEEK, SOFT, AND COMFORTABLE TO CREATE A SLEEPING ENVIRONMENT.



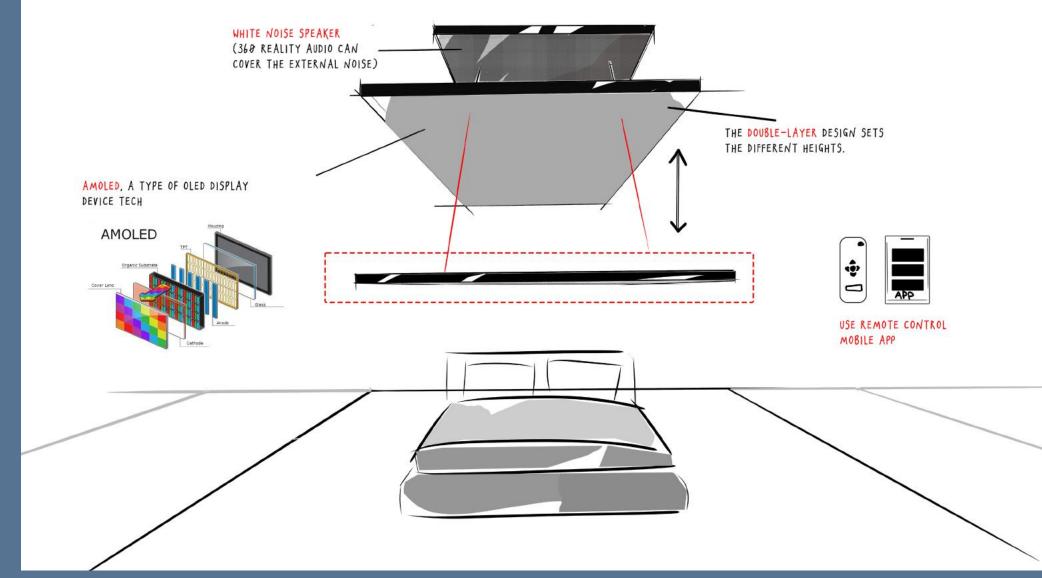




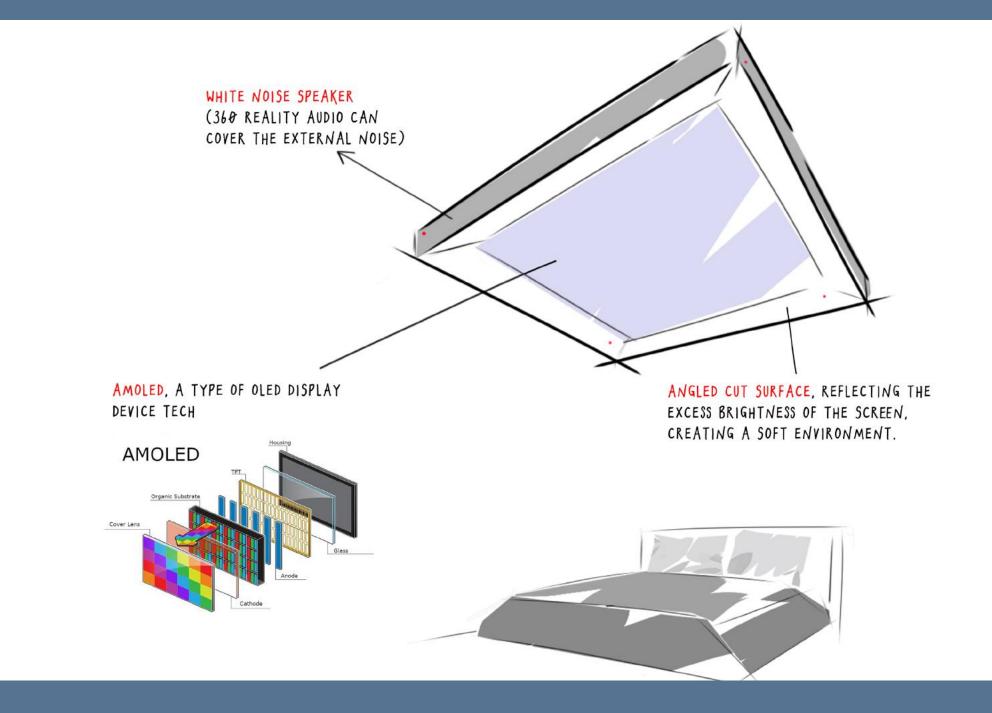




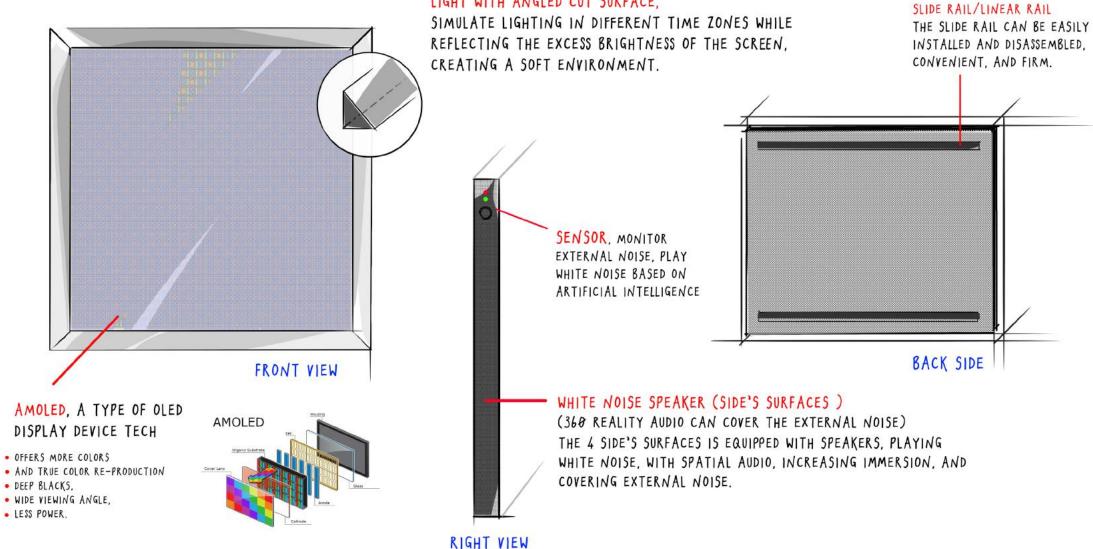
AUTOMATICALLY ADJUST THE DISPLAY RANGE THROUGH APP OR REMOTE CONTROL.











LIGHT WITH ANGLED CUT SURFACE,

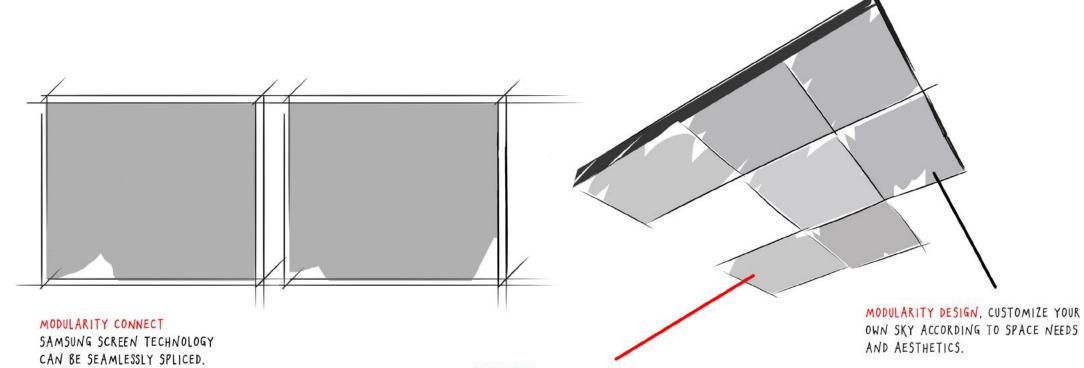


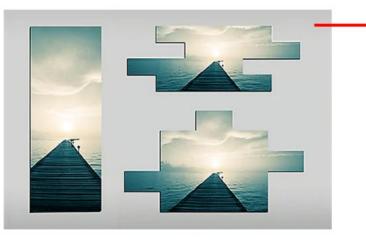
HOW TO INSTALL OUR PRODUCT? ONLY NEED 3 WAY RUBBER FOR STAY THE SLIDE RAIL. Material Thi BACKPLATE LENGT THE ALUMINUM BACK PANEL, FIXED SCREWS (51MM) ON THE CEILING BY SCREWS FOR SUSPENSE OUR PRODUCT. (\mathbf{I}) PROVIDE SEVERAL SCREWS (51MM) TO MAINTAIN A PROPER DISTANCE BETWEEN THE BACKPLATE AND THE SLIDE RAIL. (3) 2 SLIDE RAIL/LINEAR RAIL THE SLIDE RAIL CAN BE EASILY INSTALLED AND DISASSEMBLED, CONVENIENT, AND FIRM. WE PROVIDE THE LIGHT SOCKET TO 2 PRONG OUTLET ADAPTER





Final Sketches





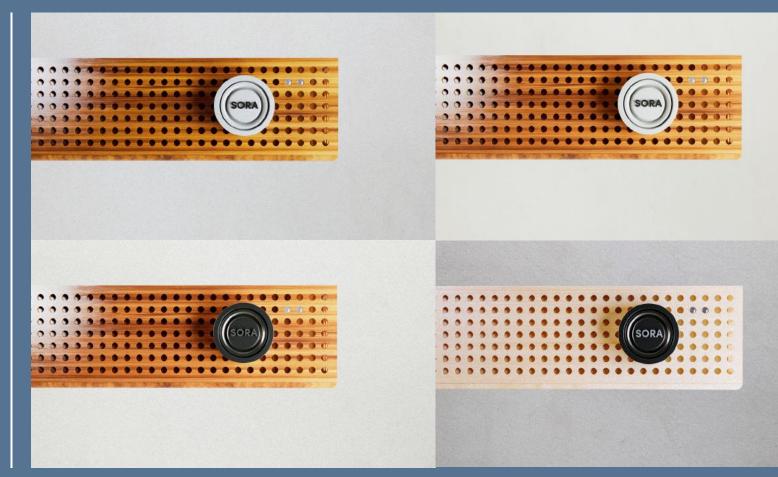
CUSTOMIZE

BASED ON LAN OR WIFI CONNECTION SORA, SO THAT DIFFERENT SCREENS CAN PLAY THE SAME SCREEN SYNCHRONOUSLY.

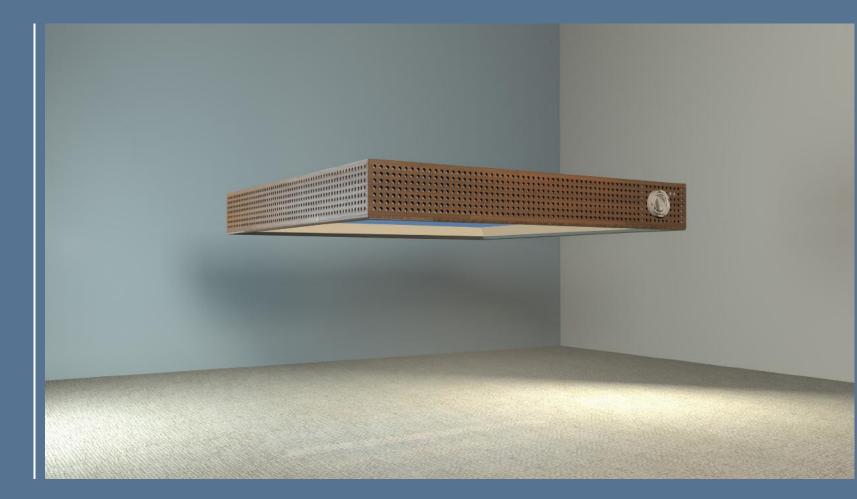




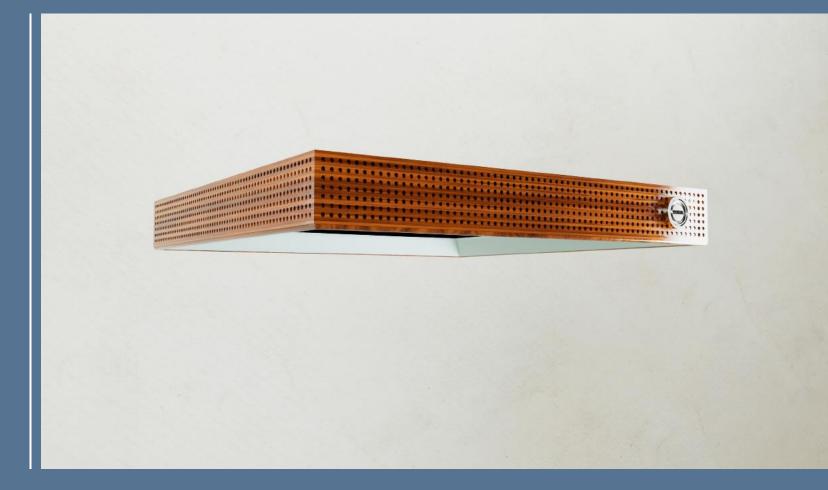
or Intial Prototype



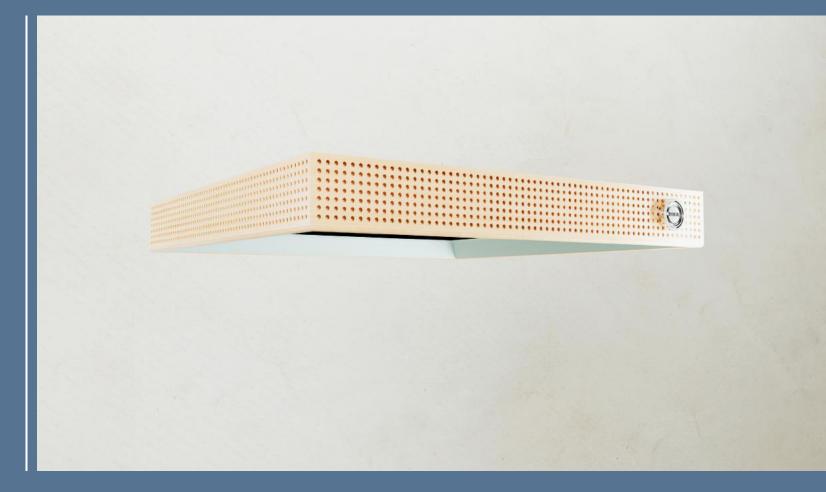
oo Initial Prototype



oo Initial Prototype



or Initial Prototype



or Initial Prototype



•• Initial Prototype









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Material: Metal Style: Modern & Minimalism

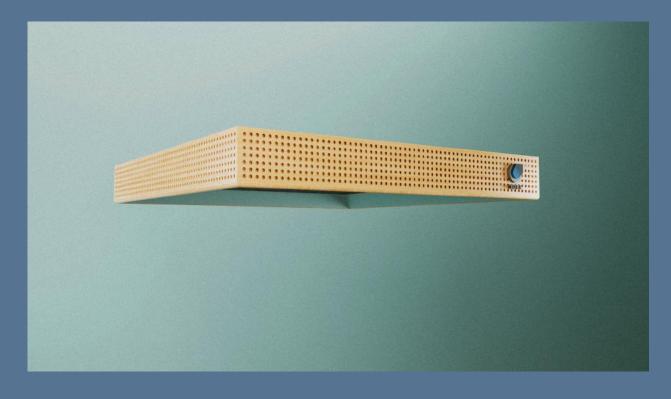






Material: Metal Style: Modern & Minimalism





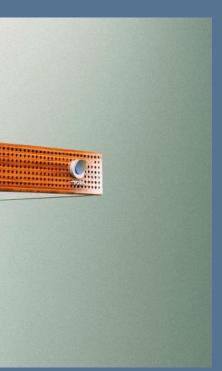




Material: Wood Style: Natural & Zen







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Material: Wood Style: Natural & Zen

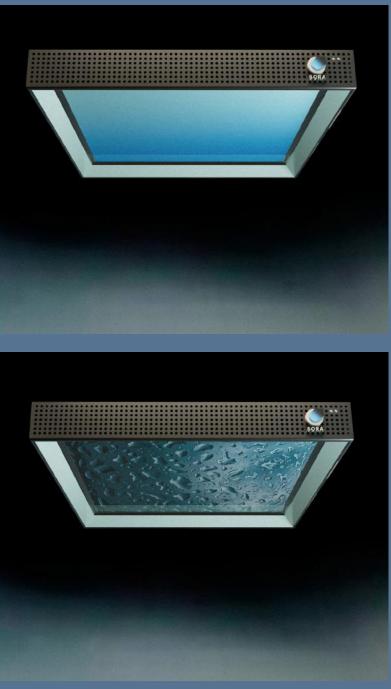
Different Environment

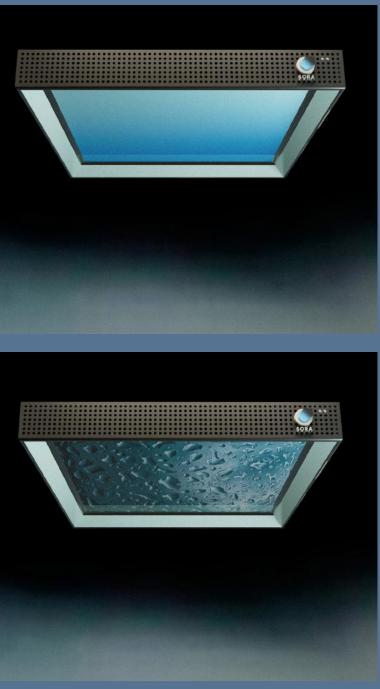


Aurora Sunny Rainbow Raindrop Starry Night

















Prototype Test & Feedback



"Have you considered adding some interactive features to the product, such as adding a camera or infrared detector, which can track your eyes or sleeping posture to automatically recognize whether the user is asleep or not, to adjust the light automatically? And the content played on the screen?"

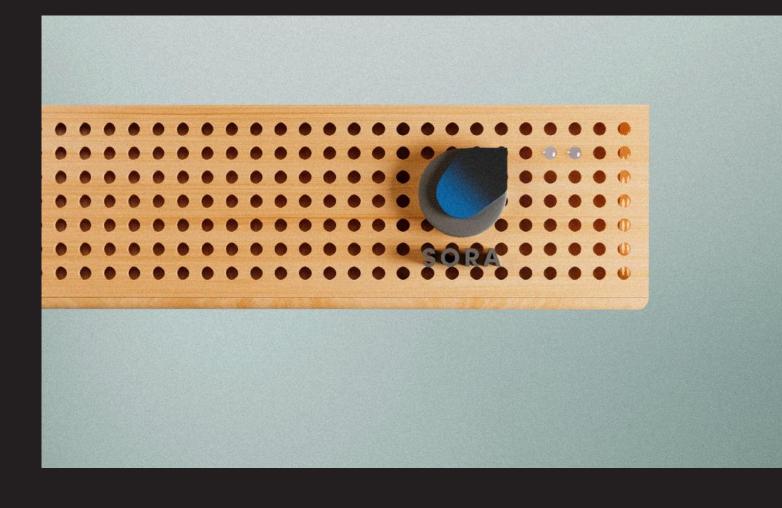
"I love your design, and I see that you have provided a solution that uses an adapter to connect to the power supply for the user's convenient install. That's also my concern before I saw the back of the product. I want to ask if you will provide an adapter or users need to buy it separately?"

"I'm curious if your product includes an alarm clock function? For example, when the set time is reached, the screen and lights will change their brightness to wake up people naturally."

"Although the wood materials look beautiful and they have the emotion of embracing nature, I prefer modern products. If you have different materials, you may have more choices."

"My opinion is : It seems a bit complicated through APP to control the weather, scenes, etc., because I enjoy smart furniture very much, and many products in my house are supported by Google Alex. I can easily control them by voice. If possible, you can consider adding voice control that can control your products. But, Honestly, I think you guys get a really great idea. Just imagine how pleasant it would be to lie on a bed and look at the sky."

Prototype Test & Feedback



"This idea is really cool. I love it; you can get a skylight in your bedroom while it can help sleep. It's so cool. I was wondering if the screen can play Netflix, HBO, or YouTube."

After the Review from the reviewer, some of them are really interested in SORA and wondering if they can choose the material for the side speaker panel, Except Metal and Leather, they are wondering if we can add material like carbon fiber or forge carbon to make some special edition. One of the reviewers asked if he can adjust the sound volume of our environmental sound and we didn't consider that before.

"I think your product is really interesting. I like it! I don't know what can be changed or improved. I think it is perfect. The only thing is I want to know where I can buy it. They look so beautiful. Thank you."

"It's so fresh to me; I love the sky; I really like to watch the sky in a daze; the sky seems to calm me down. I like your design, Minimalism, with the wood material. It seems to give people a healthy feeling. I would like to know if you have other materials that can be replaced or customized. Because if I buy this, I really want to get more material or colorways."

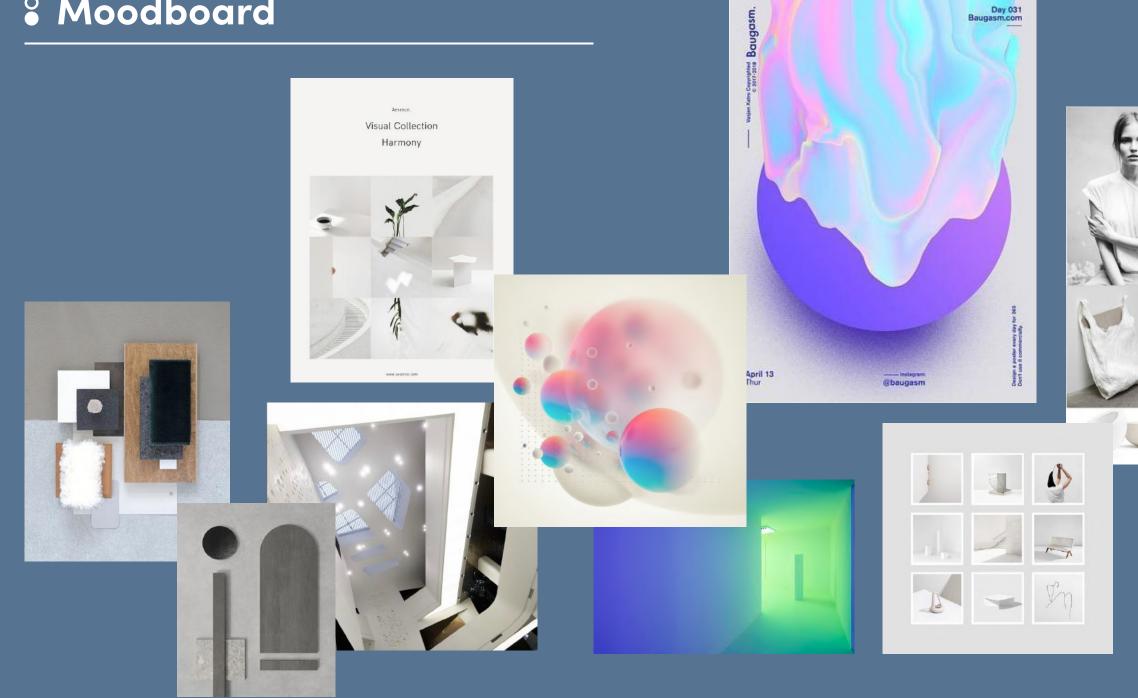
"You might consider providing fixtures where the slide rails. I think it's unstable now."

Branding 00

-Logo -Color Palette

- -Typeface Study -Tagline -Packaging

Solution Model Moodboard

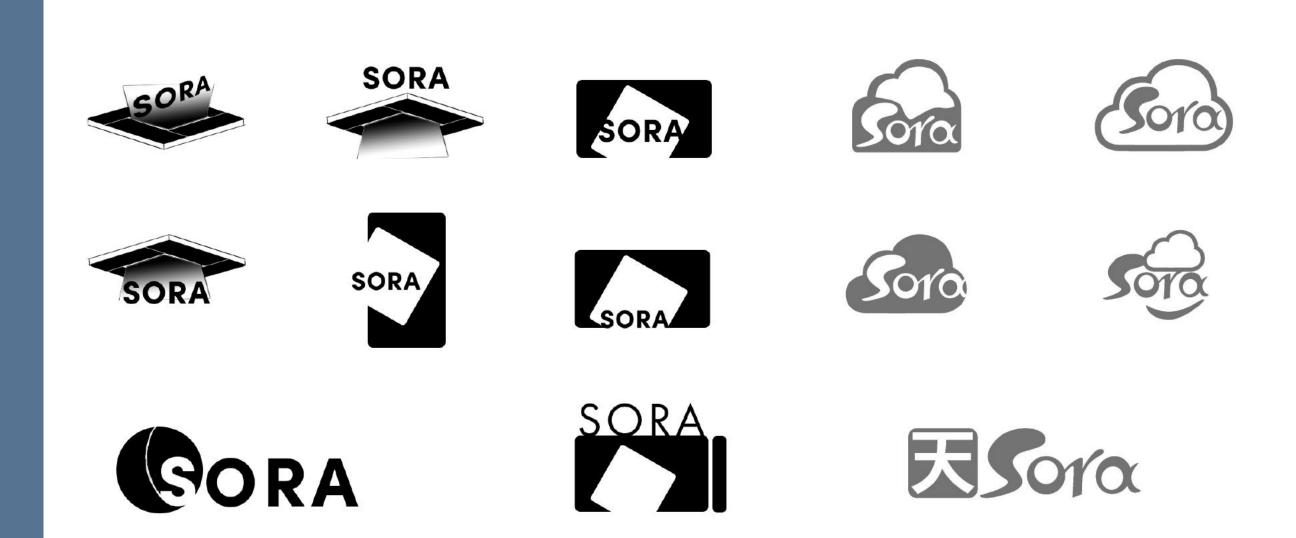




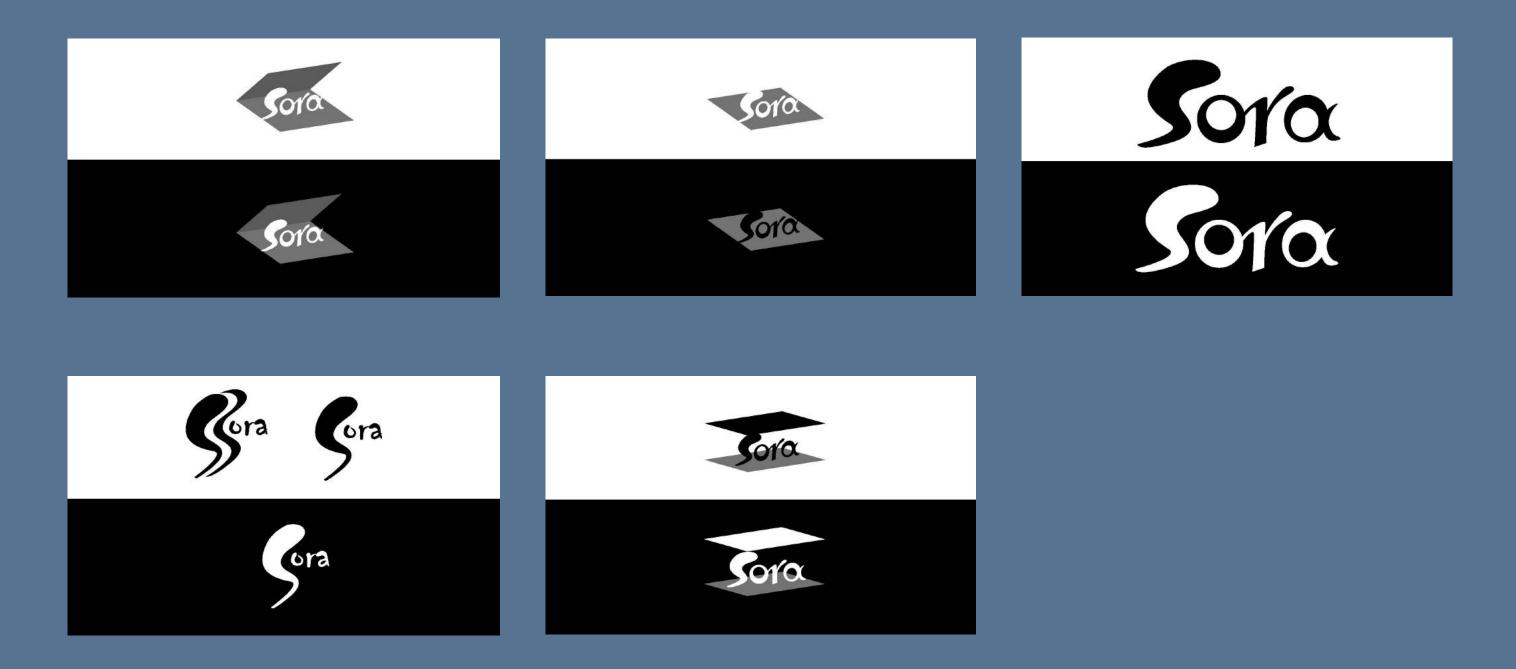
Logo Sketches



Sketches



Sketches



Sketches



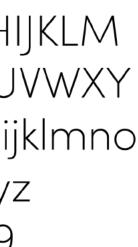
Color Palette



Primary Typeface Sofia Pro Black

ABCDEFGHIJKLM NOPQRSTUVWXY Zabcdefghijklmn opqrstuvwxyz 0123456789

Secondary Typeface Sofia Pro Extra Light



Primary Typeface **Futura PT Bold**

ABCDEFGHIJKLM NOPQRSTUVWX YZabcdefghijklm nopqrstuvwxyz 0123456789

Secondary Typeface Sofia Pro Light

Primary Typeface **Azo Sans Uber Regular**

ABCDEFGHIJKL **MNOPQRSTUV** WXYZABCDEFG HIJKLMNOPQRS TUVWXYZ 0123456789

Secondary Typeface Sofia Pro Light

Primary Typeface **Bahnschrift Bold**

ABCDEFGHIJKLM NOPQRSTUVWXYZ abcdefghijklmnop qrstuvwxyz 0123456789

Secondary Typeface **Helvetica Light Regular**

Primary Typeface **Dazzle Unicase Bold**

ABCDEFGHIJKL MNOPQRSTUV WXYZABCDEFG HIJKLMNOPQRJ TUVWXYZ 0123456789

Secondary Typeface **SF Pro Display Light**

Primary Typeface Acumin Variable Concept Bold

ABCDEFGHIJKL **MNOPQRSTUVW** XYZabcdefghijkl mnopqrstuvwxyz 0123456789

Secondary Typeface **Acumin Variable Concept Thin**



CMYK 70/64/63/61 RGB 51/51/51 HEX #333333

CMYK 73/31/6/0 RGB 96/145/195 HEX #6091C3 CMYK 2/1/1/0 RGB 248/248/248 HEX #F8F8F8 CMYK 73/31/6/0 RGB 96/145/195 HEX #6091C3

CMYK 70/64/63/61 RGB 51/51/51 HEX #333333

Primary Typeface Sofia Pro Black

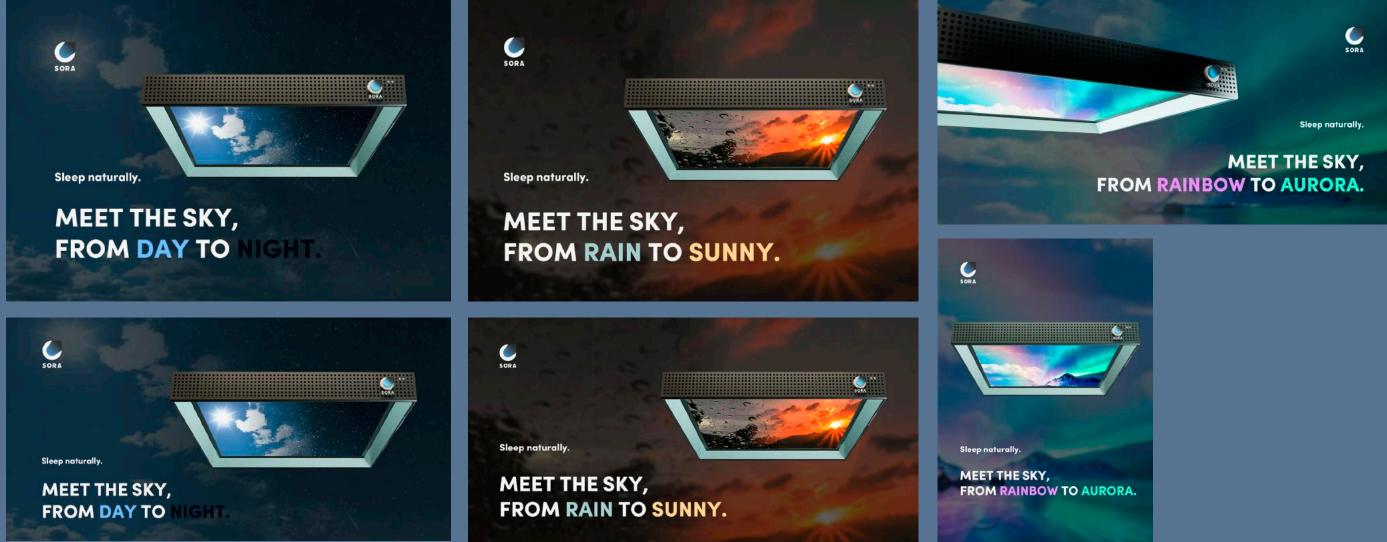
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Secondary Typeface Sofia Pro Extra Light

Poster Iteration



Poster Iteration

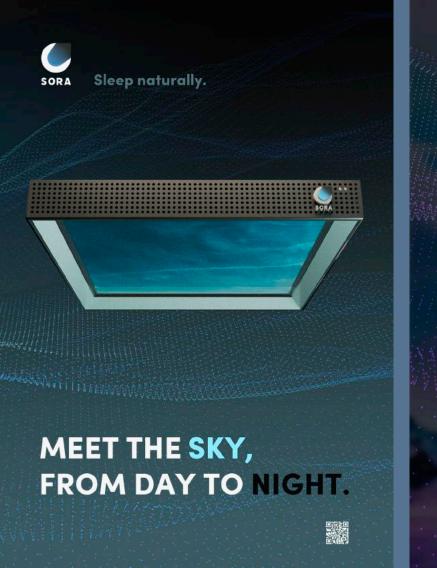


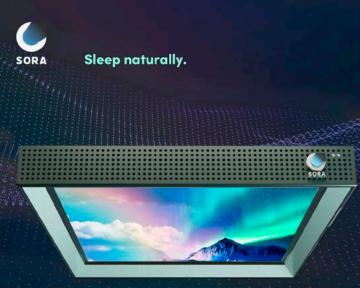
Poster Iteration





§ Final posters





MEET THE SKY, FROM RAINBOWS TO AURORA.

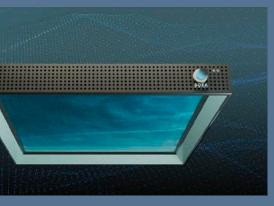
Find your SORA on www.sora.com





SORA Sleep naturally.

MEET THE SKY, FROM DAY TO NIGHT.





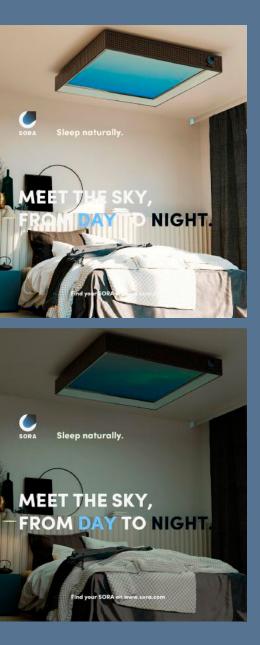
Final Posters





Final Posters







Sleep naturally.

MEET THE SKY, FROM DAY TO NIGHT.





SORA Sleep naturally.

MEET THE SKY, FROM DAY TO NIGHT.

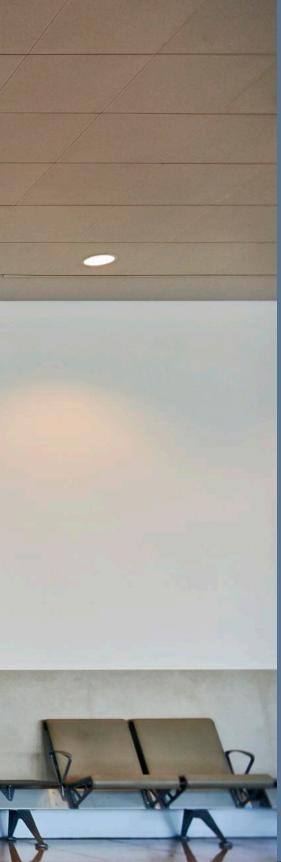














Sleep naturally.

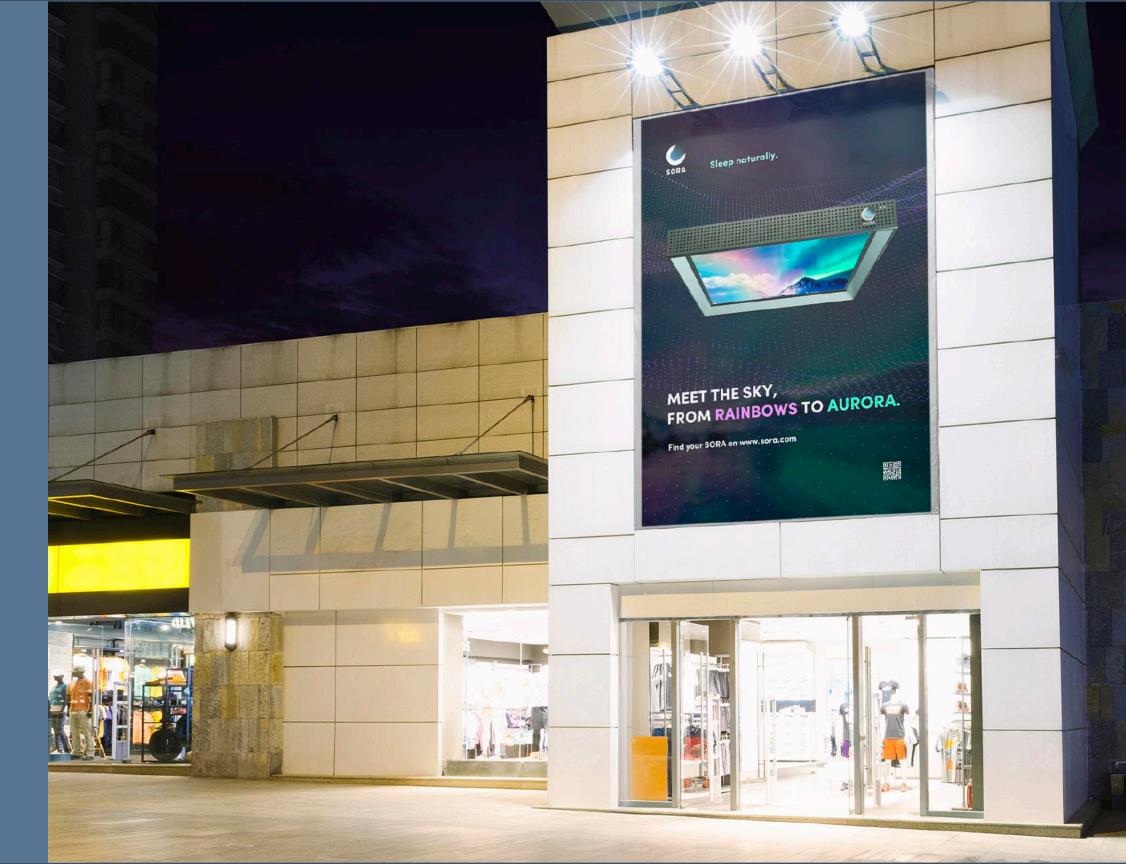
MEET THE SKY, FROM DAY TO NIGHT.





















Sleep naturally.

MEET THE SKY, FROM SNOW TO SUNSHINE.



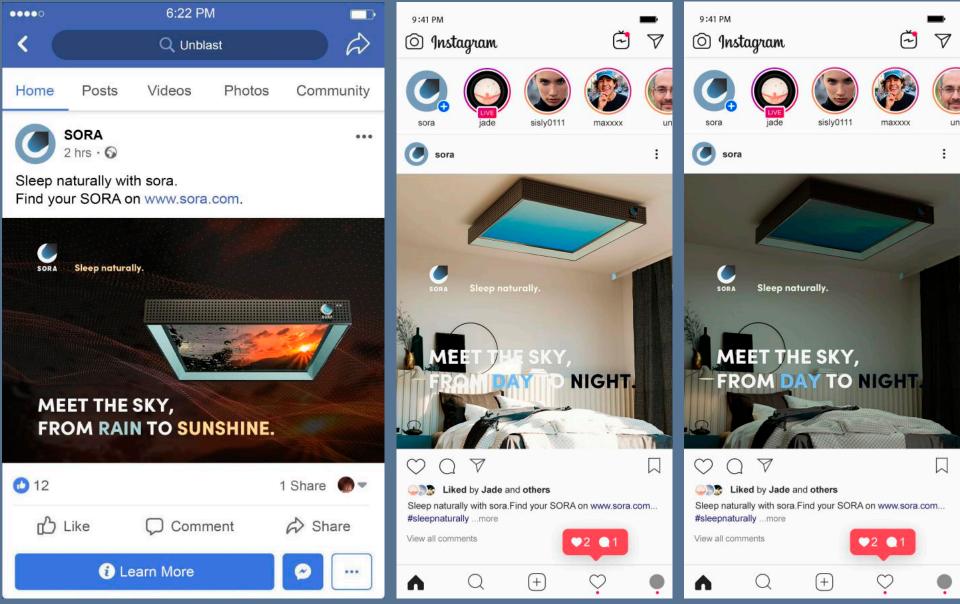
Sleep naturally.

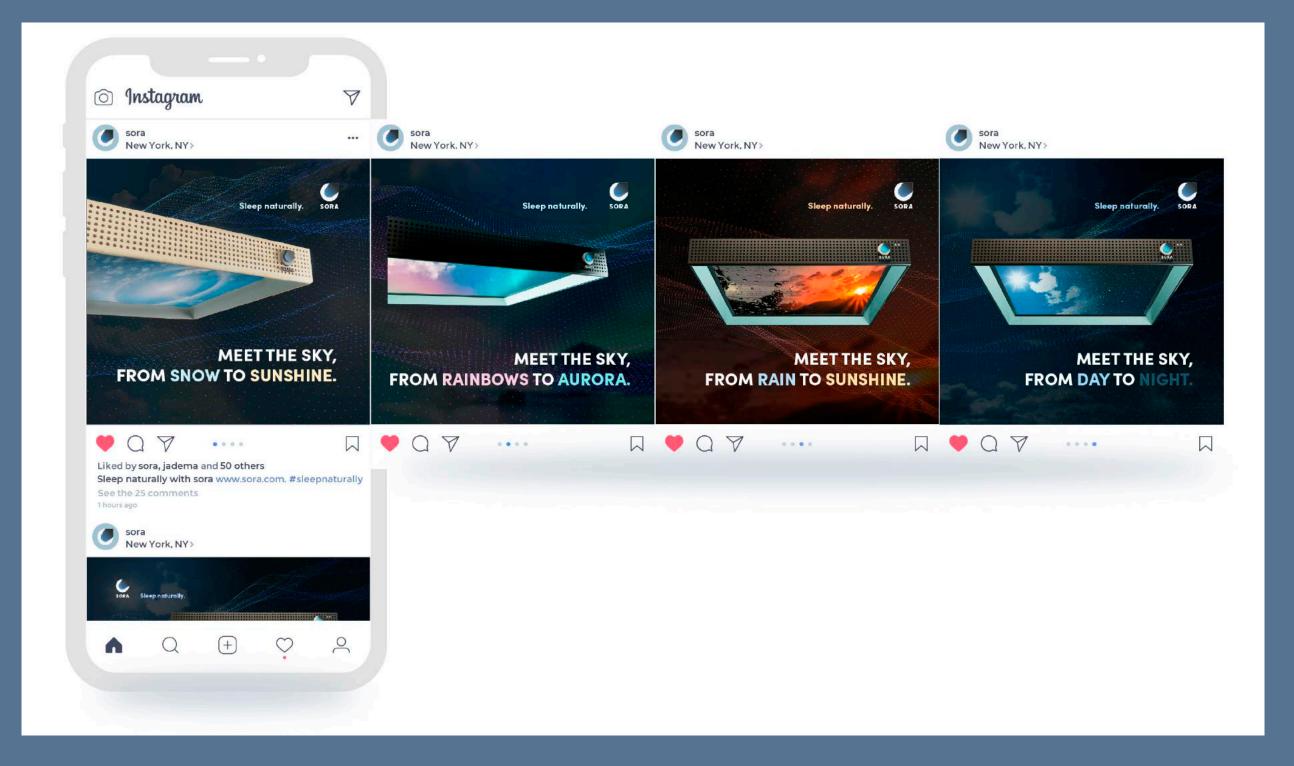
MEET THE SKY, FROM SNOW TO SUNSHINE.

Find your SORA on www.sora.com



Social Media





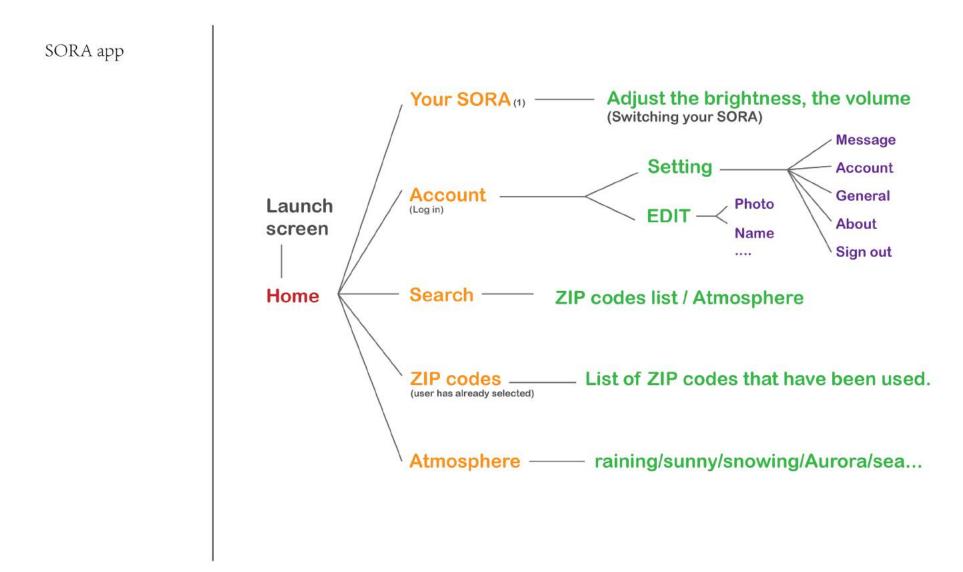
Packaging

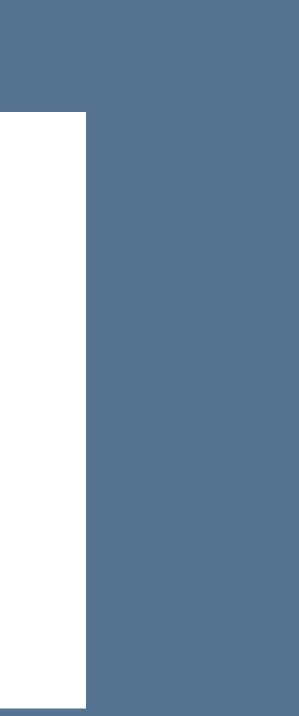






APP Wireframe





APP funcation:

download video search new video connect product (timing, switch video, brightness, volume)

user account (user's video, user' s time zone)

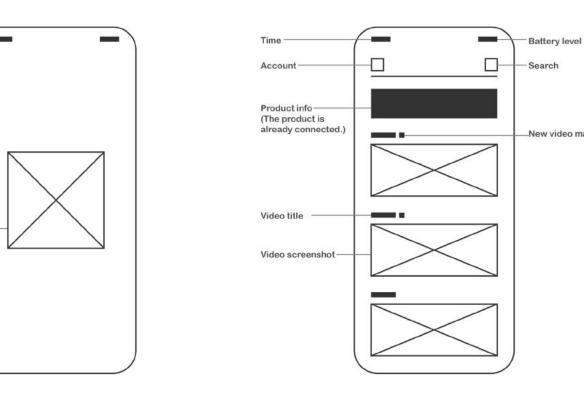
...

APP wireframe

Logo

Launch screen

Home



_New video mark

APP funcation:

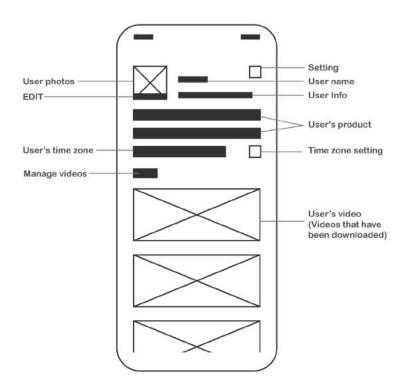
download video search new video connect product (timing, switch video, brightness, volume)

user account (user's video, user's time zone)

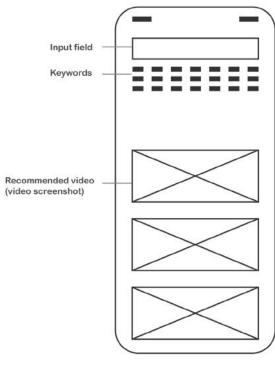
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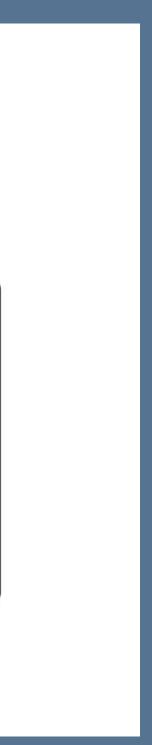
APP wireframe

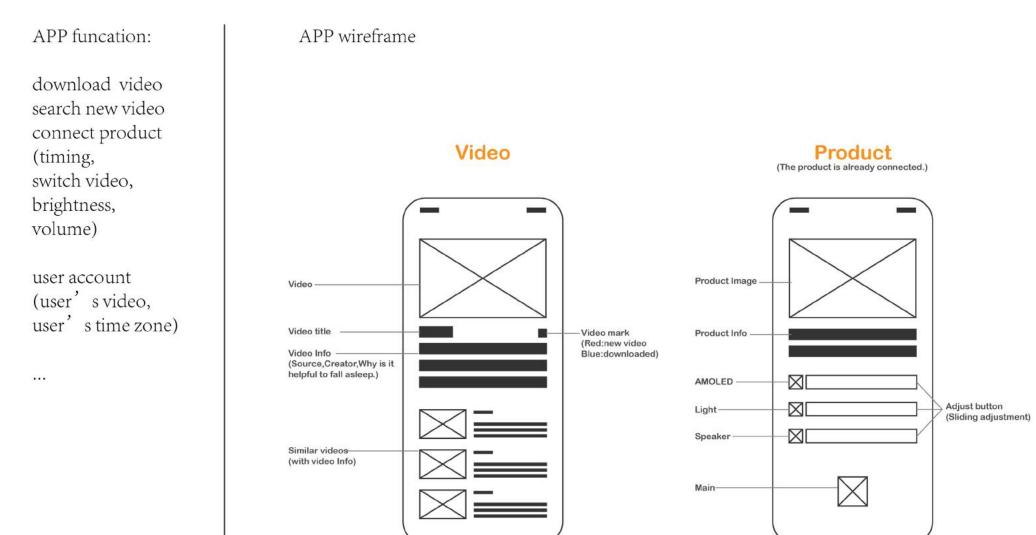
Account information



Search





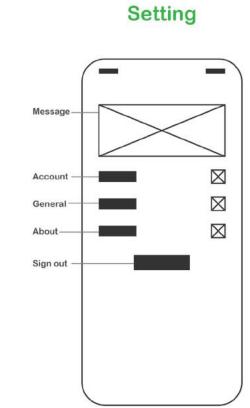




download video search new video connect product (timing, switch video, brightness, volume)

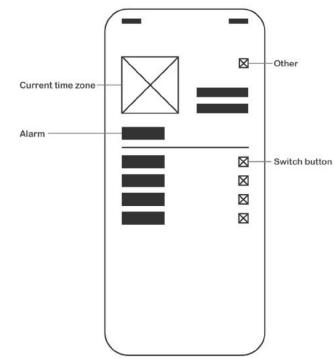
user account (user' s video, user' s time zone)

...



APP wireframe





APP funcation:

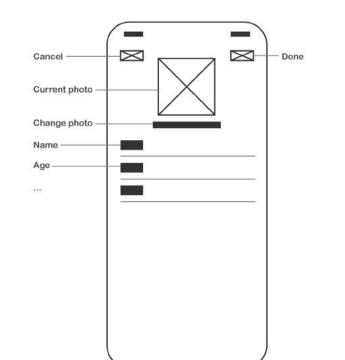
download video search new video connect product (timing, switch video, brightness, volume)

user account (user' s video, user's time zone)

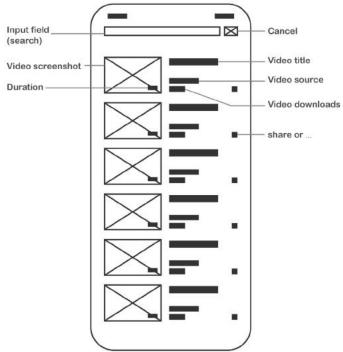
...

APP wireframe

EDIT







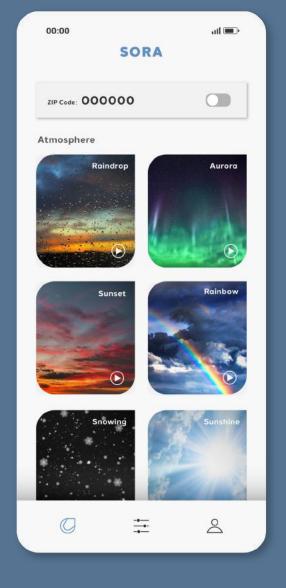
Solution APP Interface



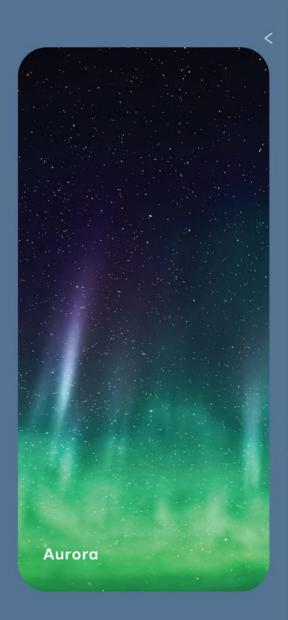
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•• Video

Initial Iteration 1

(problem + research)

We spend one-third of our life either sleeping or attempting to do so. It sounds easy but falling asleep naturally and having good sleep quality has become a vision for most people. According to the Centers for Disease Control and Prevention, about 70 million Americans suffer from sleep problems and poor sleep resulting in sleep deprivation.

Sleep is a sensory experience. And environmental factors in the bedroom play a big role in your sleep quality. A quiet room is always easier to relax in. Natural light and noise are the biggest external factors affecting our ability to fall asleep or stay asleep. Each of us have a natural daily cycle regulated by the sun. Among the twelve countries in the world, 77% of surveyed adults (back up with credible source for this data) recognizing that sleep has an impact on health, 62% admitted they sleep only somewhat well, and 44% stated that their sleep has worsened in the past five years. So why not create a better environment for our sleep? To solve this issue, our team has created SORA – an innovatively designed skylight that can replace or complement the light source in your bedroom to enhance the environment and improve sleep quality.

(features)

SORA can simulate natural light by AMOLED screen and Adjustable light to help your body receive the light to increase or decrease the amount of melatonin to help your sleep and wake up. It will gradually dim or bright to simulate sunrise and sunset. We provide a fun way by setting awake time, and it will slowly start rising and ease you out of sleep, instead of blasting alarms to wake you up.

Meanwhile, SORA provides noise-masking technology while you sleep. After the external sensor receives noise that may affect sleep, the built-in speaker uses artificial intelligence to calculate and play white noise with an appropriate volume. With noise-masking tech, you would never need to worry about your roommate's party or other environmental noise.

Due to the new reality, many people have moved away physically but continue to work or study remotely from other time zones. Work jet lag is a serious problem that can affect their sleep quality. SORA allows users to choose their target time zone and weather. The schedule of this function can be customized by the user. SORA is connected to a fully personalized app that provides time zone selection and environment choice, ranging from the sky to the deep sea or even the universe. Users can also choose the sound they want from rain, snow, or even wind, which creates a comfortable and calm sleeping atmosphere.

So, why sleep environment you may ask? Because the research shows an improved sleep environment is 38% more efficient than taking sleeping drugs, so why not choose a way that won't hurt your body and let it adjust itself?

Sleep should always be a natural activity without effort, and we are here to deliver that natural way; with SORA, you will never need to work on your sleep anymore; the only thing left for you is a nice sleep.

SORA is the best gift to reward yourself. We accompany you to the best sleep in your life. We are here for your sleep wellness. SORA – Sleep Naturally

% Initial Iteration 2

(Problem + Research)

We spend one-third of our life either sleeping or attempting to do so. It sounds easy but falling asleep naturally and having good sleep quality has become a vision for most people.

About 70 million Americans suffer from chronic sleep problems resulting in sleep deprivation. (According to the Centers for Disease Control and Prevention (CDC)) Sleep is a sensory experience. And environmental factors in the bedroom play a big role in your sleep quality. Natural light and noise are the biggest external factors affecting our ability to fall asleep or stay asleep.

In twelve countries globally, 77% of surveyed adults recognize that sleep impacts health, 62% admitted they sleep only somewhat well, and 44% stated that their sleep has worsened in the past five years. (According to the Centers for Disease Control and Prevention (CDC))

So How do we deal with this situation?

Now, our team has created SORA – an innovatively designed skylight that can replace or complement the light source in your bedroom to enhance the environment and improve sleep quality.

(Features)

SORA can simulate natural light by an AMOLED screen and Adjustable light to help your body produce melatonin suitably to help your sleep and wake up. We provide a fun way by setting awake time, and it will slowly start rising and ease you out of sleep, instead of blasting alarms to wake you up. Meanwhile, SORA provides noise-masking technology while you sleep. After the external sensor receives noise that may affect sleep, the built-in speaker with the artificial intelligence will play white noise with an appropriate volume.

Work jet lag is a serious problem that can affect their sleep quality, particularly during the Covid-19. SORA allows users to customize their target time zone and weather. By connecting to a fully personalized app, the users can select whatever sleep atmosphere they want, from the sky to the deep sea or even the universe, to create a comfortable and calm sleeping atmosphere.

So, why is the sleep environment? Because the research shows an improved sleep environment is 38% more efficient than taking sleeping drugs, so why not choose a way that won't hurt your body and let it adjust itself?

Sleep should always be a natural activity without effort. We are here to deliver that natural way.

With SORA, Sleep Naturally

We spend one-third of our life either sleeping or attempting to do so. Sounds easy, But having good sleep quality has become a vision for most people.

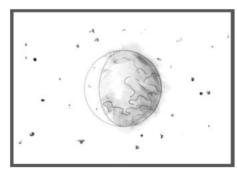
About 70 million Americans suffer from chronic sleep problems. Globally, 77% of surveyed adults recognize that sleep impacts health, 62% admitted they sleep only somewhat well, and 44% stated that their sleep has worsened in the past five years. Sleep is a sensory experience. To change how people sleep, our team has created SORA – an innovatively designed skylight that can replace or complement the light source in your bedroom to enhance the environment and improve sleep quality. SORA can simulate natural light by an AMOLED screen and adjustable light to help your body produce melatonin suitably to help your sleep and wake up. SORA wakes you up with natural sunlight instead of blasting alarms to wake you up. When SORA's external sensor receives noise that may affect your sleep, the built-in speaker with artificial intelligence plays white noise using its noise-masking technology.

User's who have poor sleep quality working remotely can customize their SORA to their target time zone and weather. Using the fully personalized app, the users can select whatever sleep atmosphere they want, from the sky to the deep sea or even the universe.

Also, the research shows that an improved sleep environment is 38% more efficient than taking drugs to help sleep issues. We believe sleep should always be an effortless activity.

Sleep Naturally, With SORA.

We spend one-third of our life either sleeping or attempting to do so. Sounds easy, But having good sleep quality has become a vision for most people. About 70 million Americans suffer from chronic sleep problems. Globally, 77% of surveyed adults recognize that sleep impacts health, 62% admitted they sleep only somewhat well, and 44% stated that their sleep has worsened in the past five years. Sleep is a sensory experience.



1. The moon appears as the start.



2. The text (We spend one-third of our life either sleeping or attempting to do so.)



3. People sleeping



4. People who can't fall asleep during sleep.

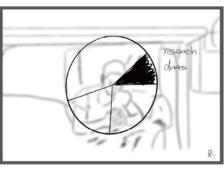




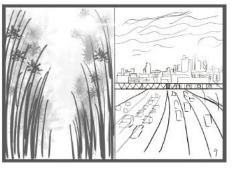
6. People who can't fall asleep during sleep.



7.People who can't fall asleep during sleep as backgroud.



8. Blurred video as background, showing dynamic charts.(CDC)



9. Quiet /noisy ,Sunlight/light (Stitching video)

workers .



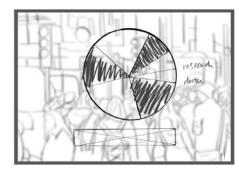
5. People who can't fall asleep during sleep.



10. Videos of busy cities and

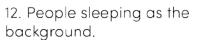
To change how people sleep, our team has created SORA – an innovatively designed skylight that can replace or complement the light source in your bedroom to enhance the environment and improve sleep quality.

SORA can simulate natural light by an AMOLED screen and adjustable light to help your body produce melatonin suitably to help your sleep and wake up. SORA wakes you up with natural sunlight instead of blasting alarms to wake you up.



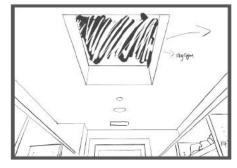
11. The research data chart is in the front. (CDC) (animation)





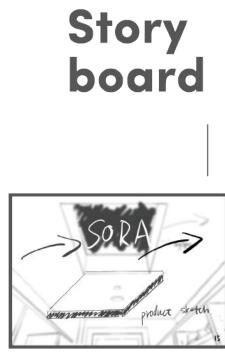


13. Text (So How do we deal with this situation?)



14. Real skylight pictures or

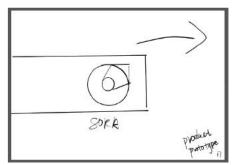
videos,



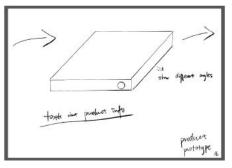
15. Transit sketches,



16. transition to logo and brand name appear



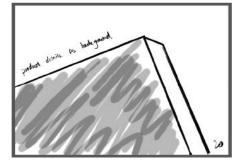
17. Product prototype appears with product function info



18.show different angle with function info



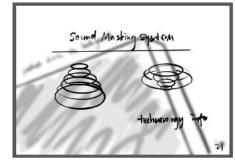
19. show the product in the real bedroom enviroment (try)



20. prototype details with technology Introduction

15. Transition to product

When SORA's external sensor receives noise that may affect your sleep, the built-in speaker with artificial intelligence plays white noise using its noise-masking technology. User's who have poor sleep quality working remotely can customize their SORA to their target time zone and weather. Using the fully personalized app, the users can select whatever sleep atmosphere they want, from the sky to the deep sea or even the universe.



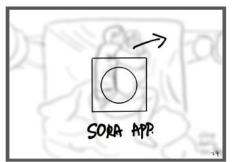
21. Main technology introduction (try animation)



22. Scenes of people working in jet lag, working at night,



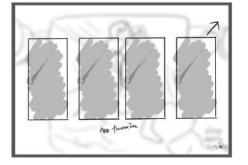
23. sleeping during the day but not sleeping well,



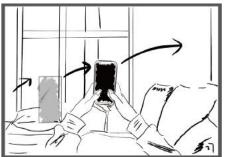
ground and SORA app logo in

A APP

25. Click on the logo to display the application page (animation)



26. Click the area of the function to display the screen (animation)



27. the app zoom out to the character's phone



28. click on the phone show different atmosphere or time zone



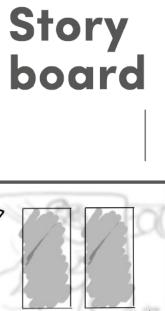
24. same video as back-

front

29. different atmosphere



30. A serious man thinking

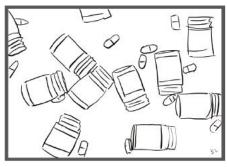


App funewarton

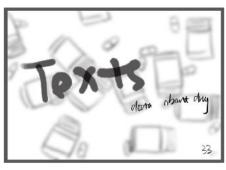
Also, the research shows that an improved sleep environment is 38% more efficient than taking drugs to help sleep issues. We believe sleep should always be an effortless activity. Sleep Naturally, With SORA.



31. Texts (So, why is the sleep environment?)

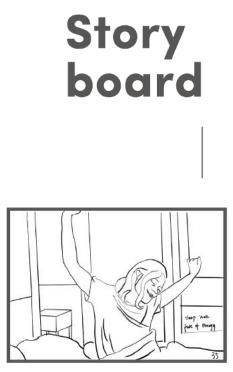


32. sleep drugs video



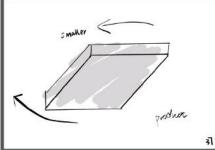
33. sleep drugs video as bg texts about data in front



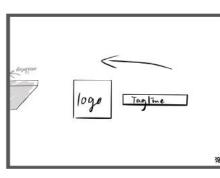


× (130)

36. Another about lying in bed with a smile

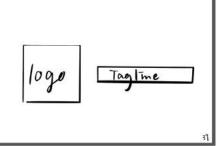


37. product come up and zoom out to left



38. the logo and tagline appear from the right

a smile



39. final logo and tagline in the center

34. A woman lying in bed with 35. Get up full of energy





Team Thoughts

Lee - I really enjoy this course, the team development of products is a brand new experience for me. The intense discussions among the group members allowed us to better advance the project, and a course also gave me enough time to improve and follow up. Thank you professor for your feedback.

Ma - Through this group project, I clearly realized my strengths and weaknesses. The teamwork of four people also allowed me to experience the process from argument to cooperation for the first time, which made our products have a higher quality. Thank you Professor Gauri for your advice and encouragement.

Rui – I am enjoying the process of this wellness project. It taught me a lot of new things. Market research, product prototype development, and the final case study video bring me a wealth of experience. With professor Gauri and peers' help, we finally got a satisfactory product. Thank you for all your patience.

Yin - For creating a product that does not exist in the market, the initial group conversion to decide the product direction played an extremely important role. When our direction is confirmed, with the help from Gauri and class, everything is done smoothly.



ADVE-725 Digital Media for Advertising Professor Gauri Misra-Deshpande Rui Wang,Yihao Yin,Zhongyue Ma,Peiwen Li

