WakeSense 4weeks

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Design Performance Coursework

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Personal Works

Research Report Storyboard

Product Positioning

WakeSense is a multifunctional wake-up alarm clock designed for students and those who require sleep quality. By gently awakening through light and odor, it helps users wake up naturally in a comfortable environment.

User Analysis

Student group: Students usually have irregular sleep patterns and require a gentle way of arousal to avoid overly stimulating alarm sounds.

People with sleep quality requirements: For those who have sleep quality requirements, such as those who are easily awakened by noise or have difficulty falling asleep, WakeSense can help improve sleep quality.
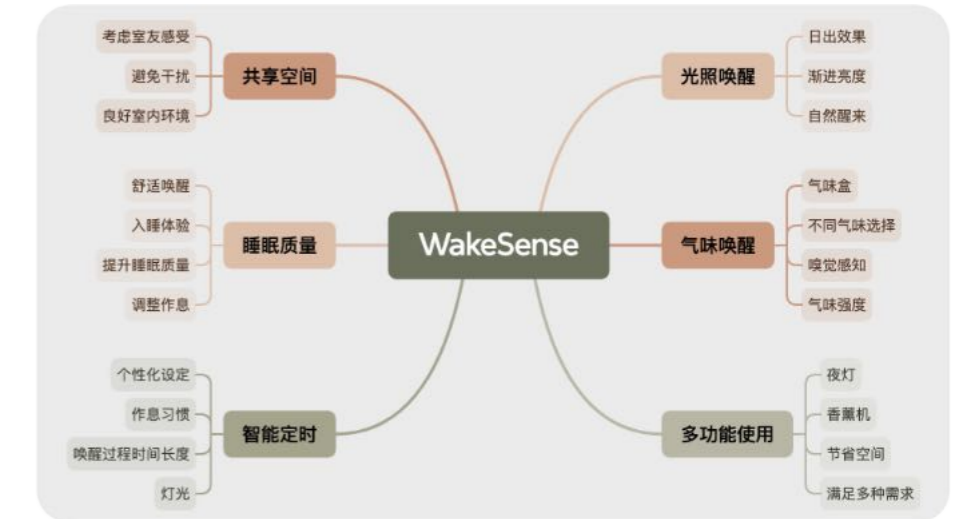
Using Environmental Analysis

Space limitation: Student dormitories have limited space and need to save space. The compact design of WakeSense can take up very little space.

Shared space considerations: Student dormitories are a shared living space that needs to consider the feelings of roommates. WakeSense can avoid the harsh sound generated by traditional alarms and reduce interference with roommates.

Sleep quality concerns: Students may face academic and life pressures and may have difficulty falling asleep at night. WakeSense helps to relax the body and mind, create a good sleep environment, and improve sleep quality.
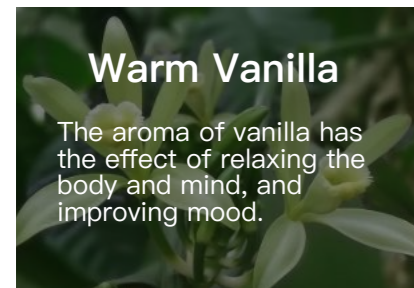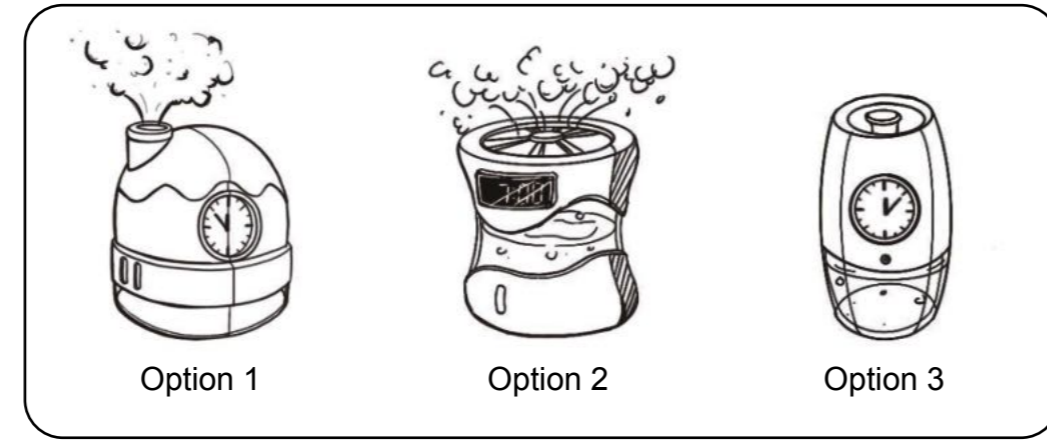
Mind Map

Keyword

Brand Logo

WAKESENSE # F77223

WAKESENSE # FFB059

Odor Design

Crisp Mandarin
The citrus scent can refresh and enhance attention, allowing you to gently wake up from sleep.

Purple Lavender
Lavender has a soothing and relaxing effect, which can reduce stress and anxiety.

Warm Vanilla
The aroma of vanilla has the effect of relaxing the body and mind, and improving mood.

Cool Mint
The refreshing sensation of mint can refresh the mind and is suitable for those who need quick awakening.

Sketching Scheme

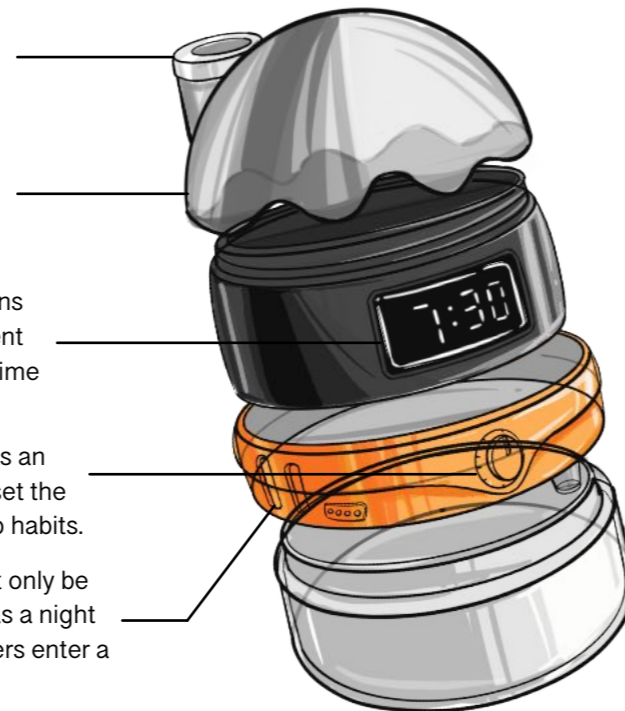Option 1   Option 2   Option 3

Explosion Diagram

Odor component: The odor emits from here, stimulating and awakening the human sense of smell.

Lighting component: WakeSense can simulate the effect of sunrise. At the set time point, the light will gradually brighten from a faint dim light.

Smart display screen: Smart display screens can be used for display purposes in different scenarios, such as displaying the current time and displaying the scheduled time.

Intelligent timing function: WakeSense has an intelligent timing function, and users can set the wake-up time according to their own sleep habits.

Multi function button: WakeSense can not only be used to wake up an alarm clock, but also as a night light and aromatherapy machine. Help users enter a good sleep state.

Sketch

Usage Steps

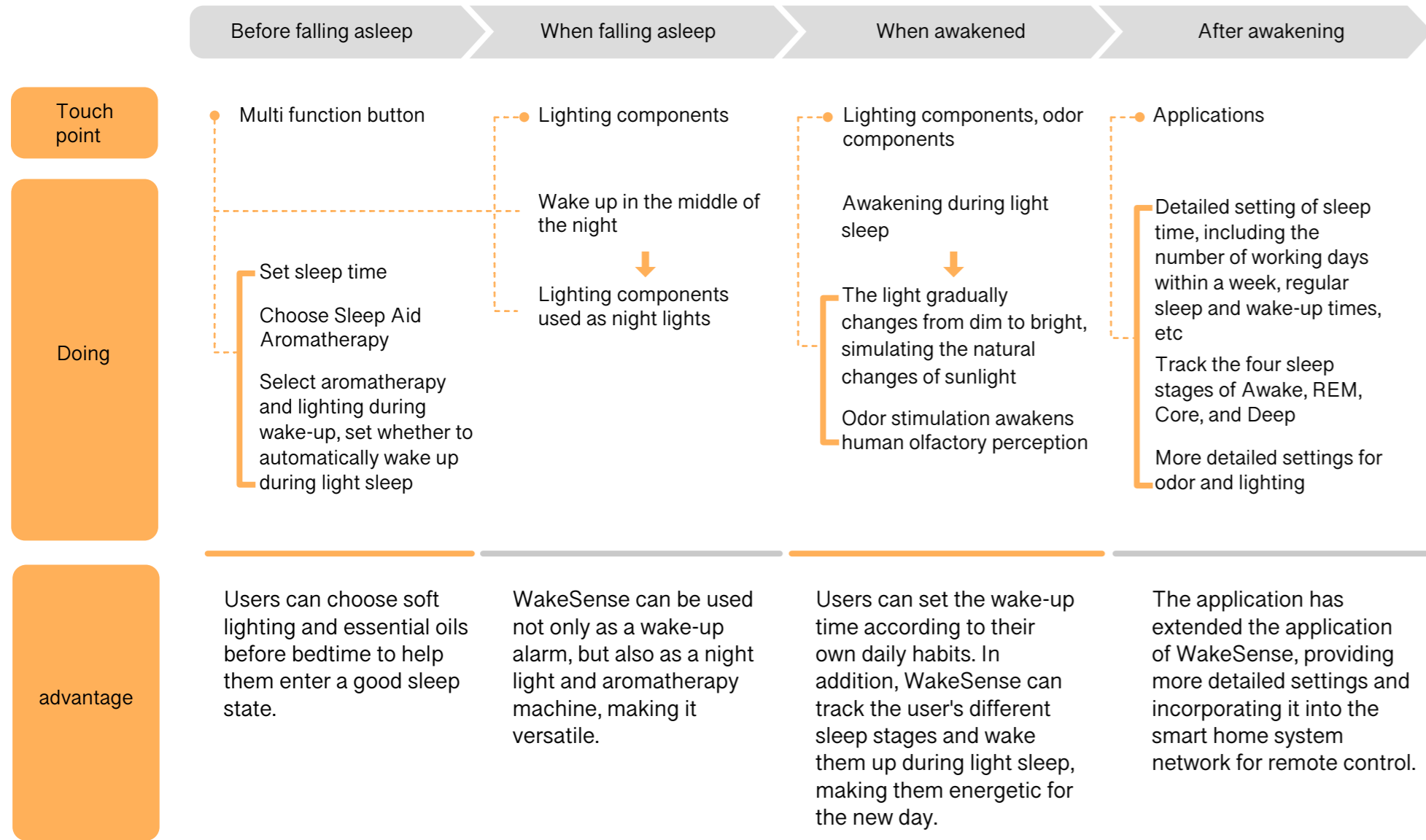|	Before falling asleep	When falling asleep	When awakened	After awakening
Touch point	Multi function button	Lighting components	Lighting components, odor components	Applications
Doing	Set sleep time Choose Sleep Aid Aromatherapy Select aromatherapy and lighting during wake-up, set whether to automatically wake up during light sleep	Wake up in the middle of the night ⬇ Lighting components used as night lights	Awakening during light sleep ⬇ The light gradually changes from dim to bright, simulating the natural changes of sunlight Odor stimulation awakens human olfactory perception	Detailed setting of sleep time, including the number of working days within a week, regular sleep and wake-up times, etc Track the four sleep stages of Awake, REM, Core, and Deep More detailed settings for odor and lighting
advantage	Users can choose soft lighting and essential oils before bedtime to help them enter a good sleep state.	WakeSense can be used not only as a wake-up alarm, but also as a night light and aromatherapy machine, making it versatile.	Users can set the wake-up time according to their own daily habits. In addition, WakeSense can track the user's different sleep stages and wake them up during light sleep, making them energetic for the new day.	The application has extended the application of WakeSense, providing more detailed settings and incorporating it into the smart home system network for remote control.

Interface Design