MOODIFY™

Team 08

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ABOUT US - OUR TEAM

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OUR PROJECT

The concept

The ideal lighting for you room that responds to you and your environment.

MOODIFY™

PRODUCT REQUIREMENTS

M

Music mode

Flashing light to represent the rhythm, tone and mood of the music.

C

Controlled light

Controllable coloured lights for the user to set the mood themselves

W

Wake up lights

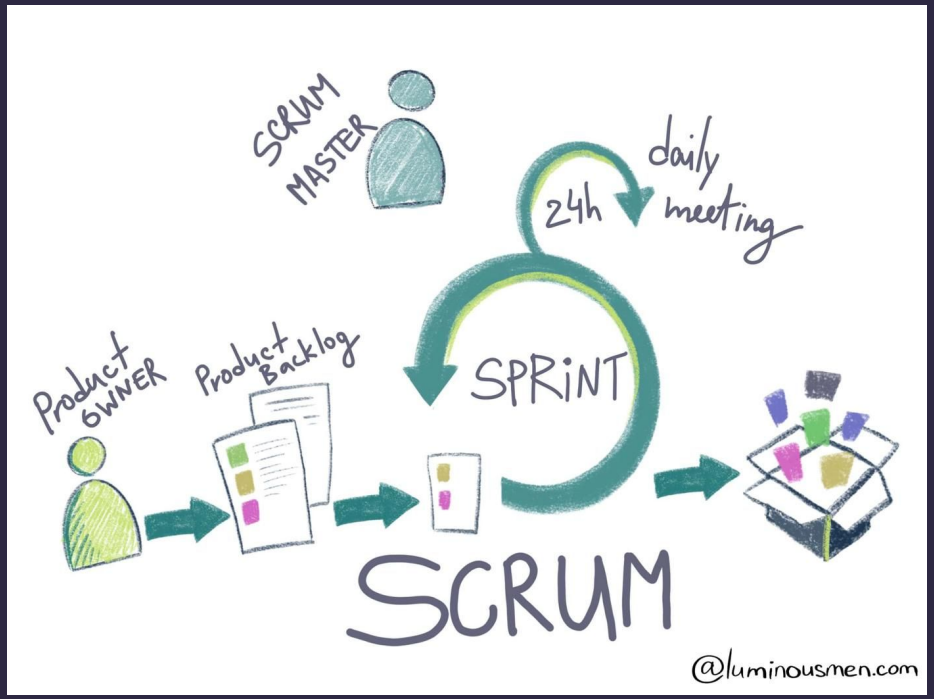
Wake up functionality. Using appropriate light frequencies in the morning.

A

Automatic lights

Lights dimming and brightening automatically depending on room's light levels

FOR OUR MEETINGS...



OUR PLANNING

Sprint 2

- Finishing up software design
- Mock-up:
  - Web interface to control the product (turning on/off, changing colors, setting alarm time, switching modes)

Sprint 3

- Some user stories to be completed for MVP:
  - As a user, I would like to turn off the light using a switch.
  - As a user, I would like to set an alarm on the clock.
  - As a user, I would like to toggle the color of the light (warm or cold), for night.
  - As a user, I want at least 3 different colors in the lamp.
  - As a user, I would like to turn on/off the lamp remotely.

OUR PLANNING

Sprint 4

- As a user, I would like the flashing light to portray the rhythm of the music, in music mode.
- As a user, I would like the light intensity of the lamp to correspond to the light levels in the room, in light mode.
- As a user, I would like to set the time at which the light is turned on in wake up light mode.
- As a user, I would like to adjust the colours of the lights.

Sprint 5

- As a user, I would like to configure the settings of the different modes remotely.
- As a user, I would like to control the loudness of the alarm sound.
- As a user, I would like to change the alarm tone for the alarm.
- As a user, I would like the lamp to not blink faster than a frequency set by me.

LIMITATION

The Moodify can not yet upload music straight to the Raspberry Pi.

The Moodify works only for a limited frequency and depends on the timbre. High distortion will lead to queasy lighting.

The current method of changing mode is unintuitive, this will be improved in future generations. The Moodify works with stationary power sources

THANKS!

Do you have any questions?