

User Experience Engineering Design Thinking

Auer Thomas

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Idea gathering

Doodle

Choices

Storyboards

References

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User Experience
Engineering
Design Thinking

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Lightning control in smart homes and similar environments

Idea mindmap

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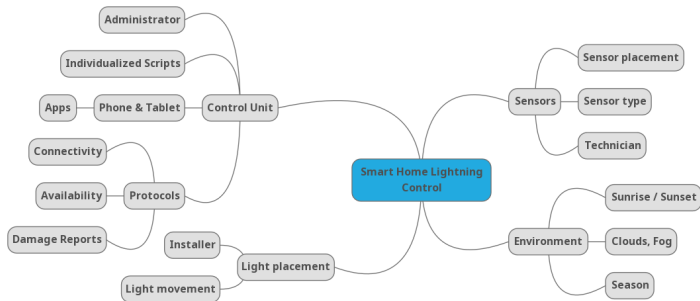
Idea gathering

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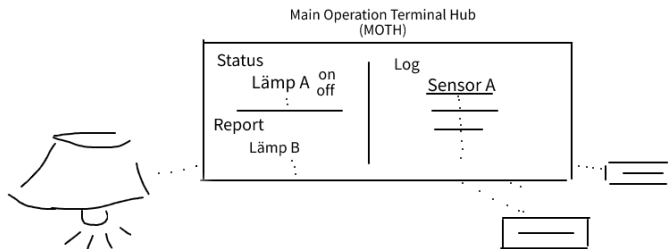
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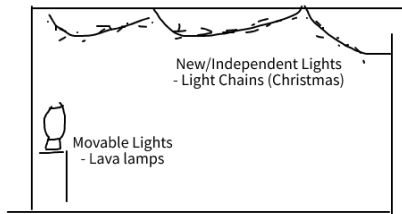
Doodle - Control Unit



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Doodle - Lights



1. MOTH interaction
User feedback, system pulse
 2. MOTH programmability
Data aggregation, remote API fetch, ...
 3. Sensor interaction
Touch, Movement, Temperature, Sunshine, ...
 4. Sensor programmability
What/How/When sensor activates and transmits
- Cannot interact with seasons or weather.

1. MOTH individualization for user interaction
2. MOTH programmability for advanced data aggregation
3. Sensor interaction for different input/output methods

MOTH individualization

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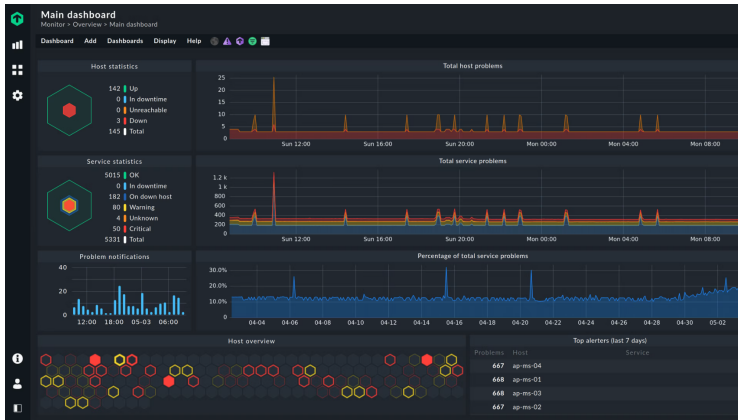
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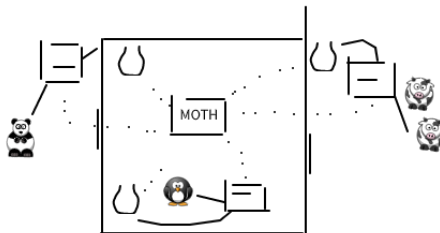
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Sensor interaction



References

1. Mindmap – <https://app.mindmup.com/>
2. Drawings – <https://sketch.io/sketchpad/>