

LUX

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Overall Problem

The Facts

20-30%

One Billion

Understanding

Why you should care

You live in Seattle

Do you ever wish you didn't have to leave bed for extended periods of time during winter months?

Contextual Inquiry 1

Student in the CSE lab



Contextual Inquiry 2

Therapist at the UW Counseling Center



Contextual Inquiry 3

Student who experiences symptoms of SAD



Tasks 1-3

Measuring Sunlight Exposure

Tracking Mood

Correlating Sunlight Exposure to Mood

Tasks 4-6

Finding Treatment Suggestions

Remembering Treatments

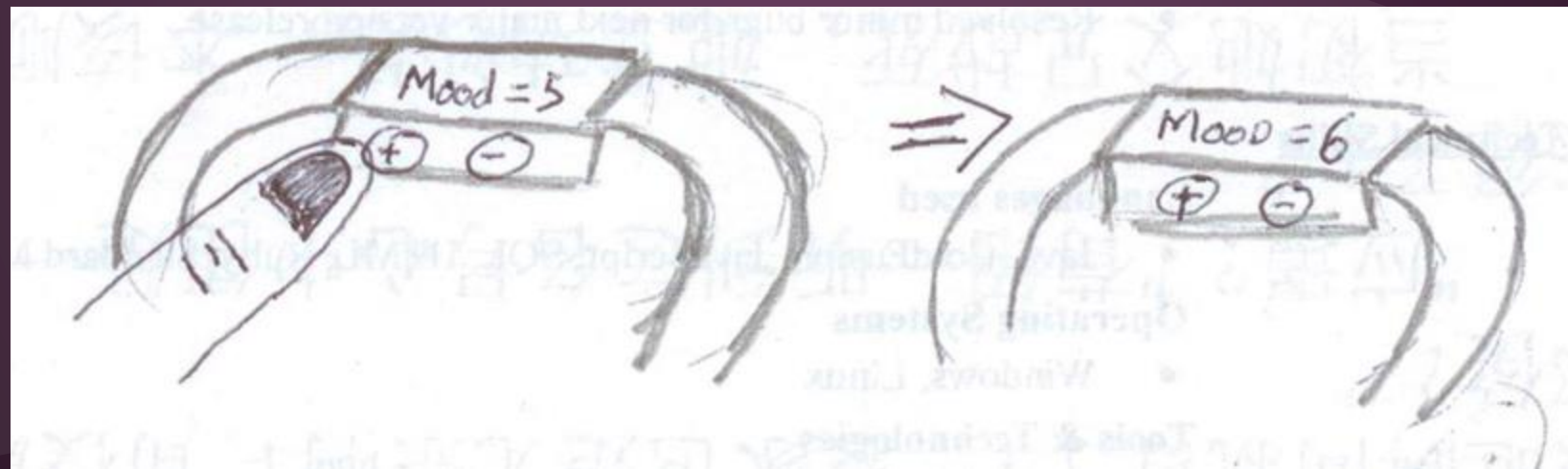
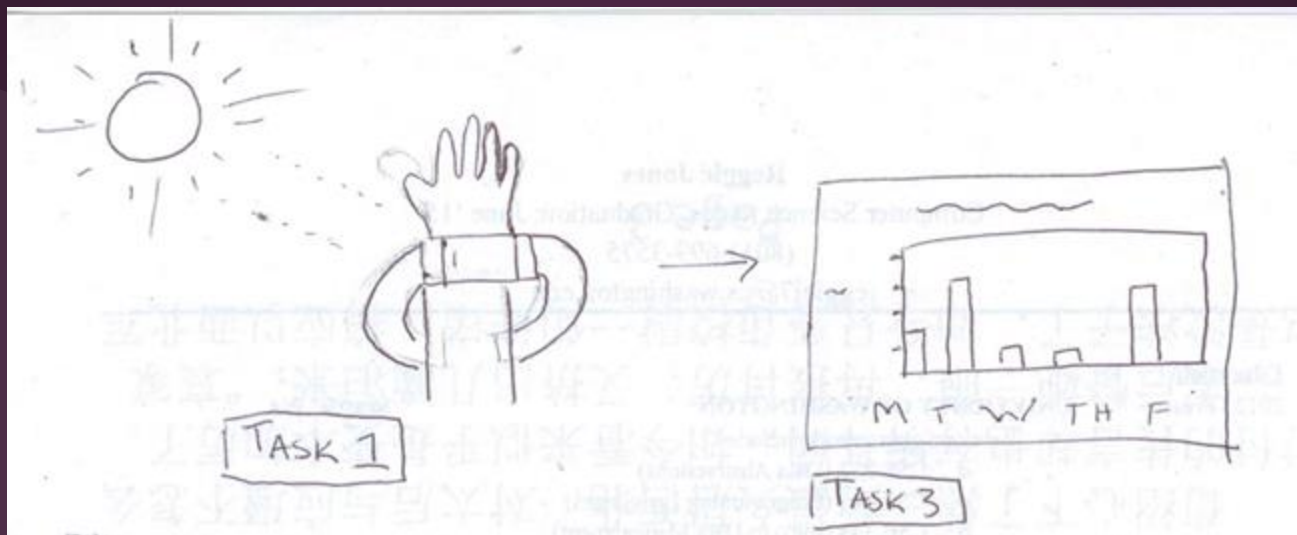
Getting Access to Treatments

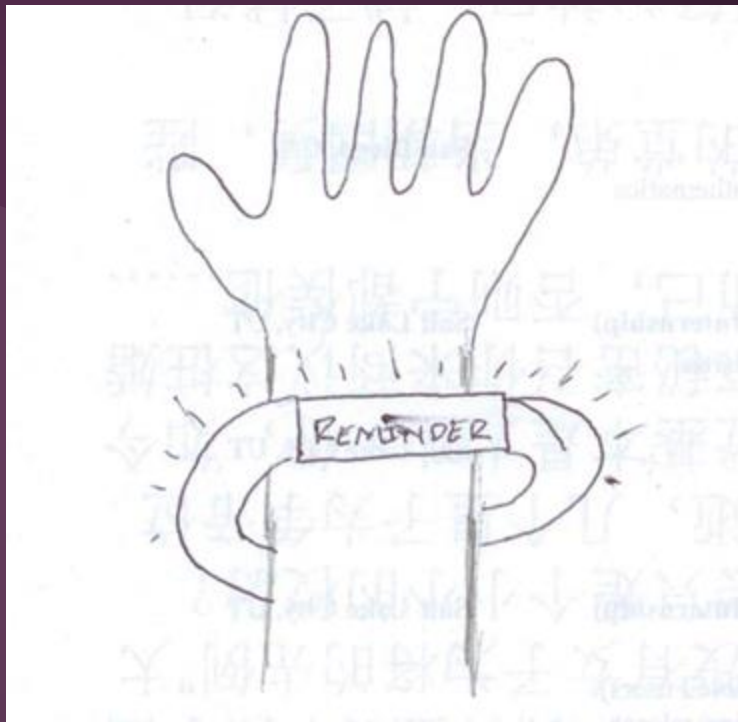
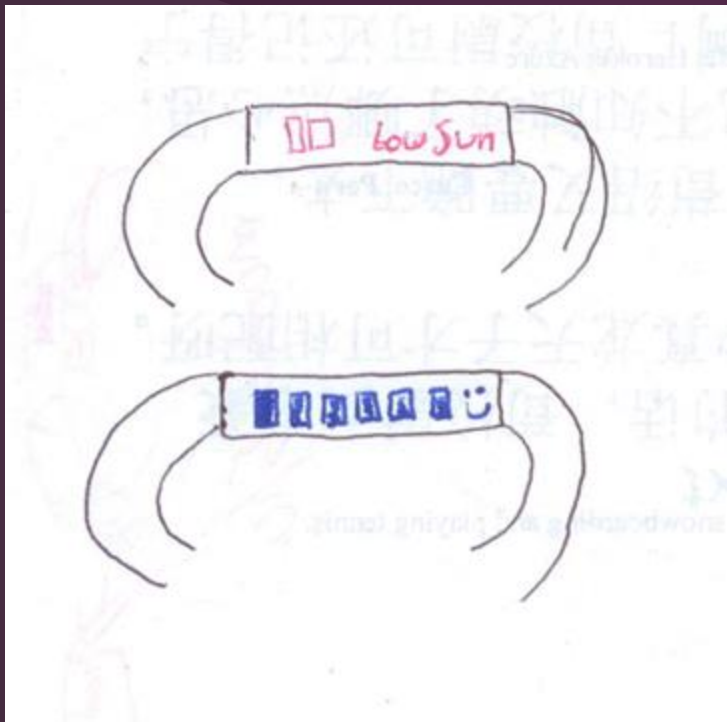
Measuring & Tracking

Analysis

Reminders

Design One: Lux Bracelet





Measuring & Tracking

Analysis

Suggestions

Design Two: Lux Doctor

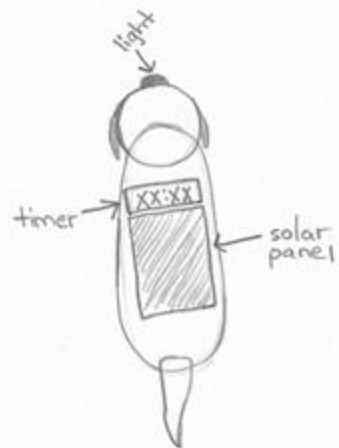
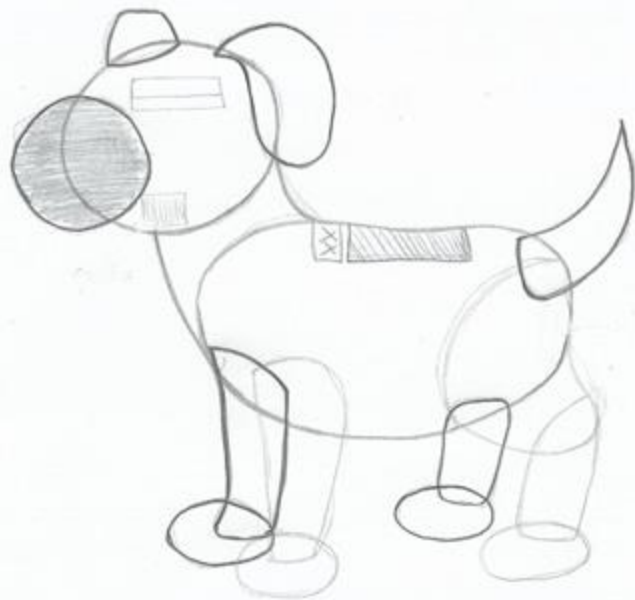


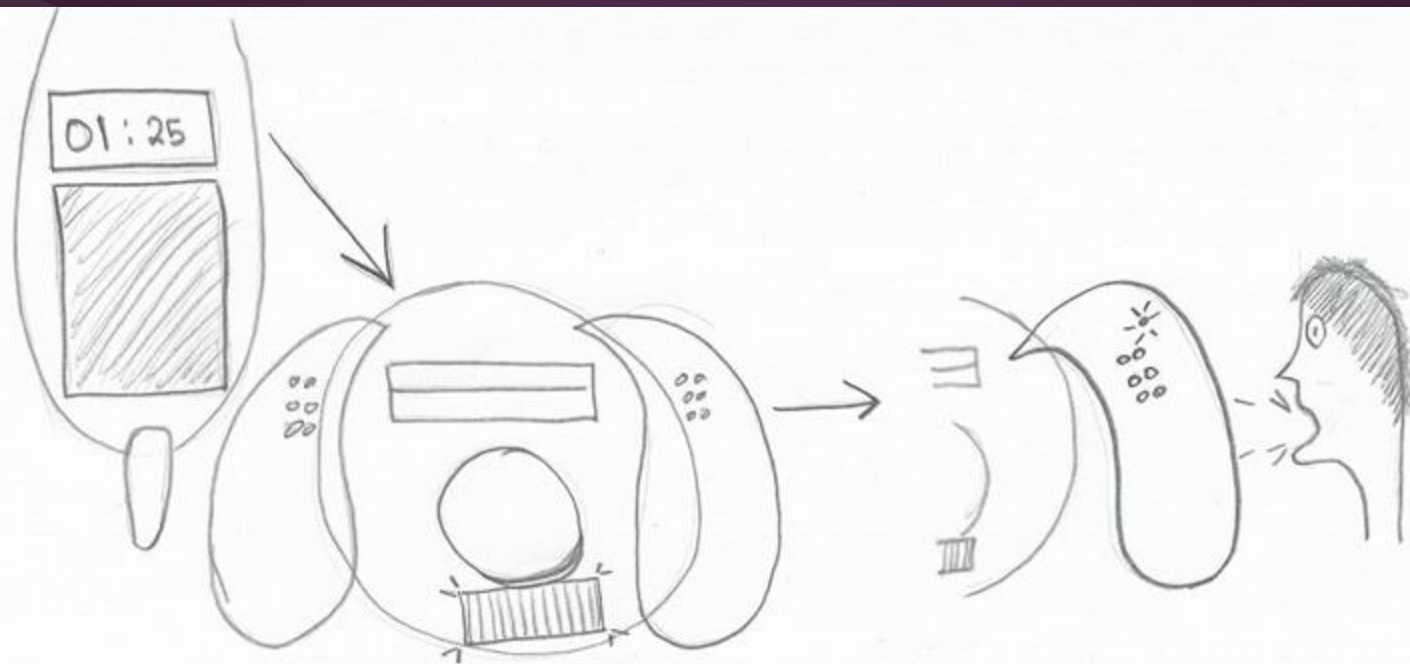
Measuring & Tracking

Reminders

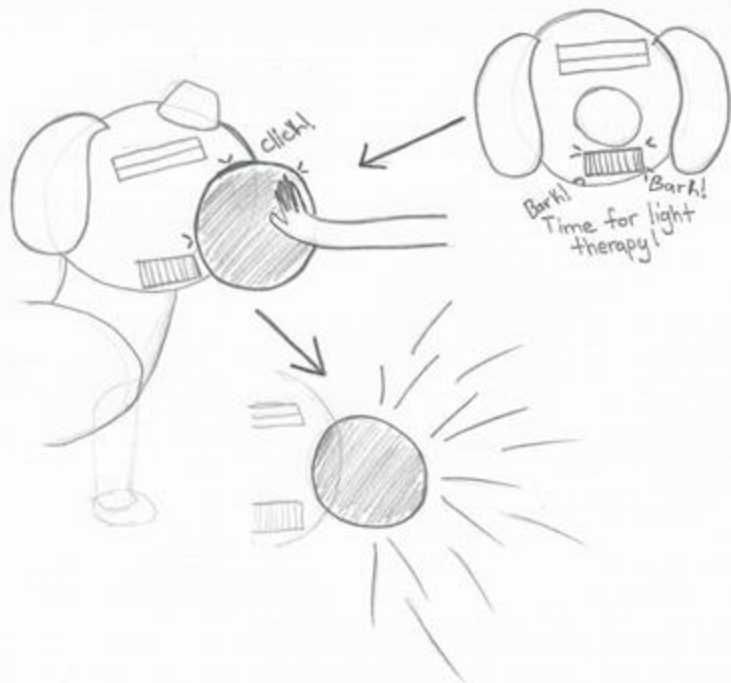
Access

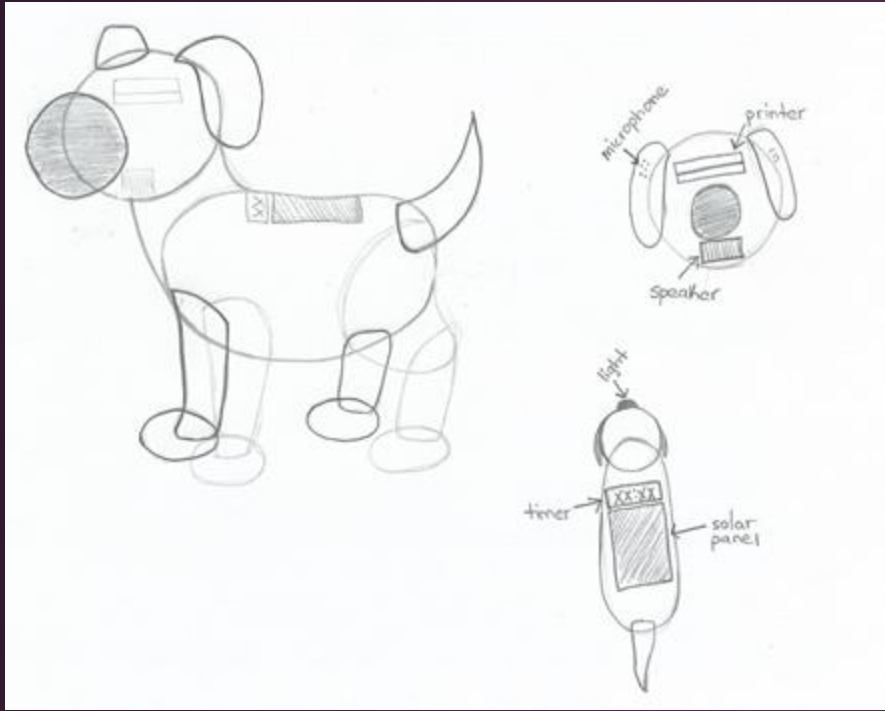
Design Three: Lux Puppy





How do you feel
right now?

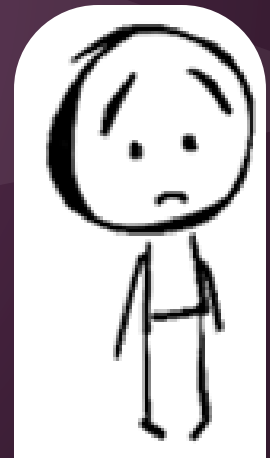




Motivation

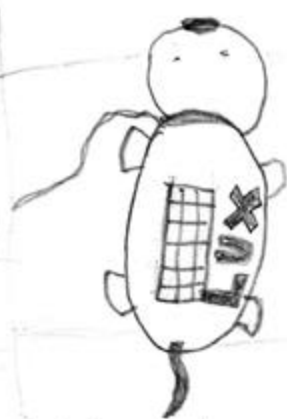
Most important tasks

Selected Design: Lux Puppy!





Gary is seasonally depressed, he takes walks to get sunlight, which aids his mood.



Solar cells on his Lux Puppy[©] Toto monitor sunlight levels during the walk.



When they are home, Toto uploads the tracked data



Gary checks a summary of his sunlight exposure online.





3:00 pm



So as to not disturb her guests, Linda adjusts her Lux Puppy to "Beg".

Later, the Lux system notices Linda's window for getting her daily sun is shrinking



Instead, Linda activates the light therapy setting on her Lux Puppy to get her daily dose

3:01 pm



Unfortunately, Linda is too busy with work to go on a walk.

Summary

Assumptions

Targeting

People love puppies

The End