NEXO

Sensing the Invisible

FIGMA BUILD 2026

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THE CHALLENGE

Design a tool that tracks, measures, visualizes or quantifies an aspect of human sensory experience.

Provide the ability to detect, enhance, or manipulate those same sensory inputs.

FIGMA BUILD 2026 HACKATHON PROMPT

INSIGHT

You feel it. But you can't explain it.



01

Humans constantly detect emotional signals — breathing, chemistry, posture — from people around them.

02

But this perception happens below conscious awareness. You feel the room shift, but not why.

03

For many people, especially those with social anxiety or neurodivergent traits, this gap is exhausting.

Mika Lin



AGE
28

ROLE
Landscape Architect

CONTEXT
AuDHD · She/They

LOCATION
Neo-Shanghai 2244

Story

> "I know something is wrong the moment I enter a room.
> But I never know why — so I just leave, and feel guilty about it."

Typical Moments

- Rush-hour transit hub. Crowd feels charged. She can't tell if something happened or if it's just the density. She braces silently and pushes through.
- Team lunch at a busy café. The space feels wrong from the doorway. She sits and smiles, spending the whole hour managing discomfort instead of connecting.
- Weekly market visit, always Tuesday evenings. This week she left halfway through her usual route, unsettled by something she couldn't name.

Needs

- Read environments
- Emotional clarity
- Social comfort
- Personal boundaries

Frustrations

- Emotional confusion
- Self-blame
- Hidden overwhelm

Personality

Thoughtful

Perceptive

Introverted

Anxious in crowds

OUR SOLUTION

Make the invisible perceivable.

A wearable sensor that detects physiological and environmental signals.

A companion app that translates unconscious responses into conscious awareness.



SYSTEM ARCHITECTURE



Hardware

Nose Clip Sensor

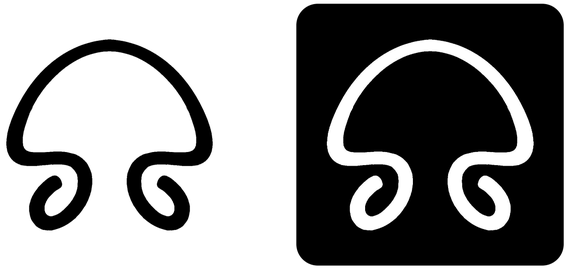
Software

Mobile Application

A lightweight sensor continuously monitors physiological signals and environmental cues. The mobile app processes this data on-device, translating invisible patterns into visual insights.

DESIGN SYSTEM

Visual Language



NEXO NEXO

Color

#BDD6FF

#FFFFFF

#000000

#FFCDE7

#FFE16D

#B3C577

Typography

Font	Bold	Semibold	Regular	Light

Recursive

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
a b c d e f g h i j k l m n o p q r s t u v w x y z

Device Calibration — **Heading 24px**

Experience Timeline — **Subheading 16px**

Move through different social spaces while the system records signals. — Body 10px

NEXO

Feel what others feel.





USER JOURNEY

Core Flow

01

Detect

Sensor captures physiological signals and environmental data continuously

02

Process

On-device AI analyzes patterns, ensuring privacy while identifying stress indicators

03

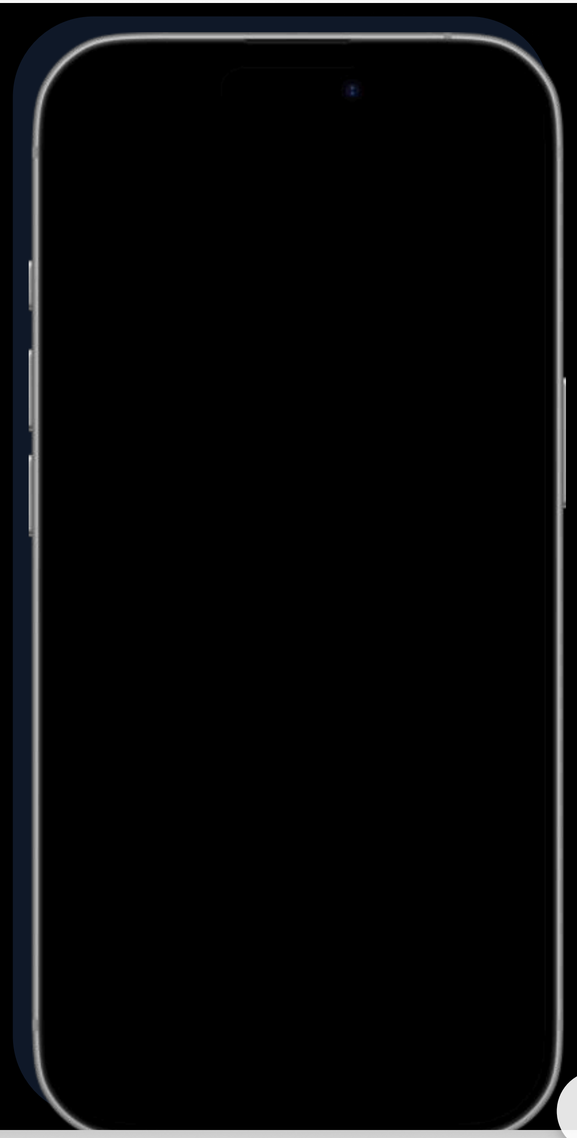
Visualize

App presents insights through intuitive visualizations and real-time mapping

04

Act

User makes informed decisions about environments based on personal data



INTERFACE DESIGN

Live Scene

Emotional Atmosphere

Real-time visualization of the social environment's emotional state using color-coded indicators

Personal Metrics

Your current stress level, heart rate variability, and comfort score displayed with minimal distraction

Crowd Density

Understanding how many people are in your environment and how that affects the atmosphere