
SKY & Mood

Recording pedestrian behavior, rain patterns, and soundscapes.

Emotional Mapping: shifts along the route.

Observation & Documentation:

Tracking mood

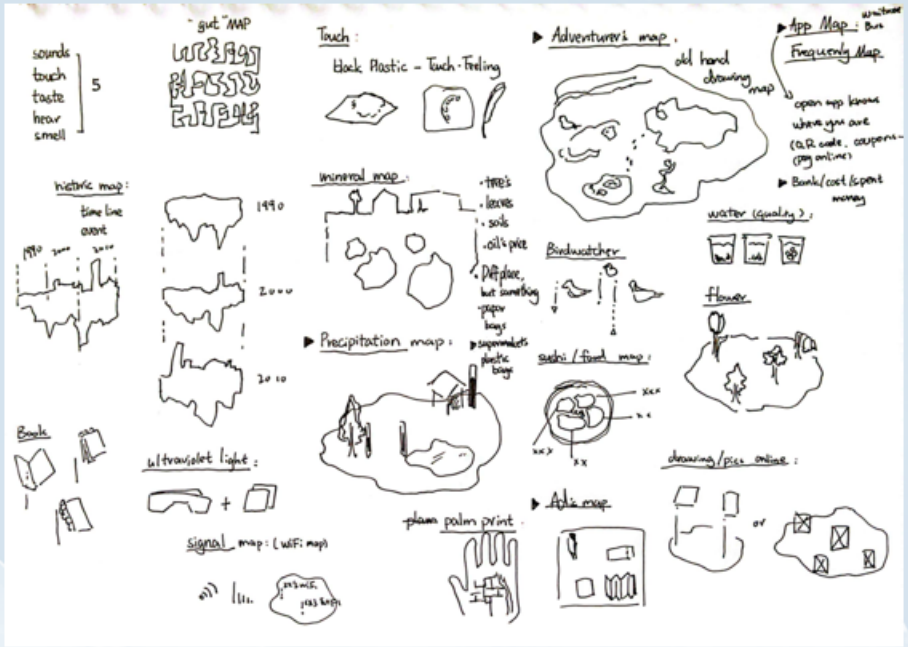
Weather & Mood Analysis:

Examining how rain, humidity, temperature, and lighting influence emotional states.

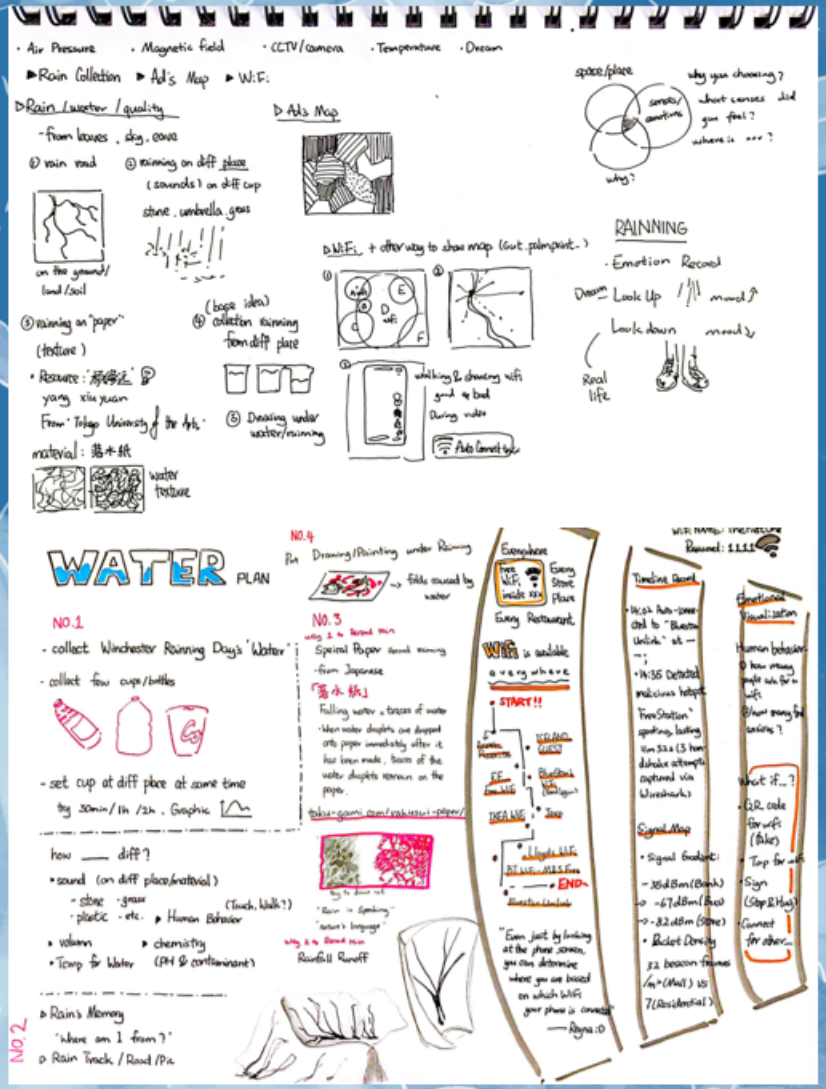
Data collect & show

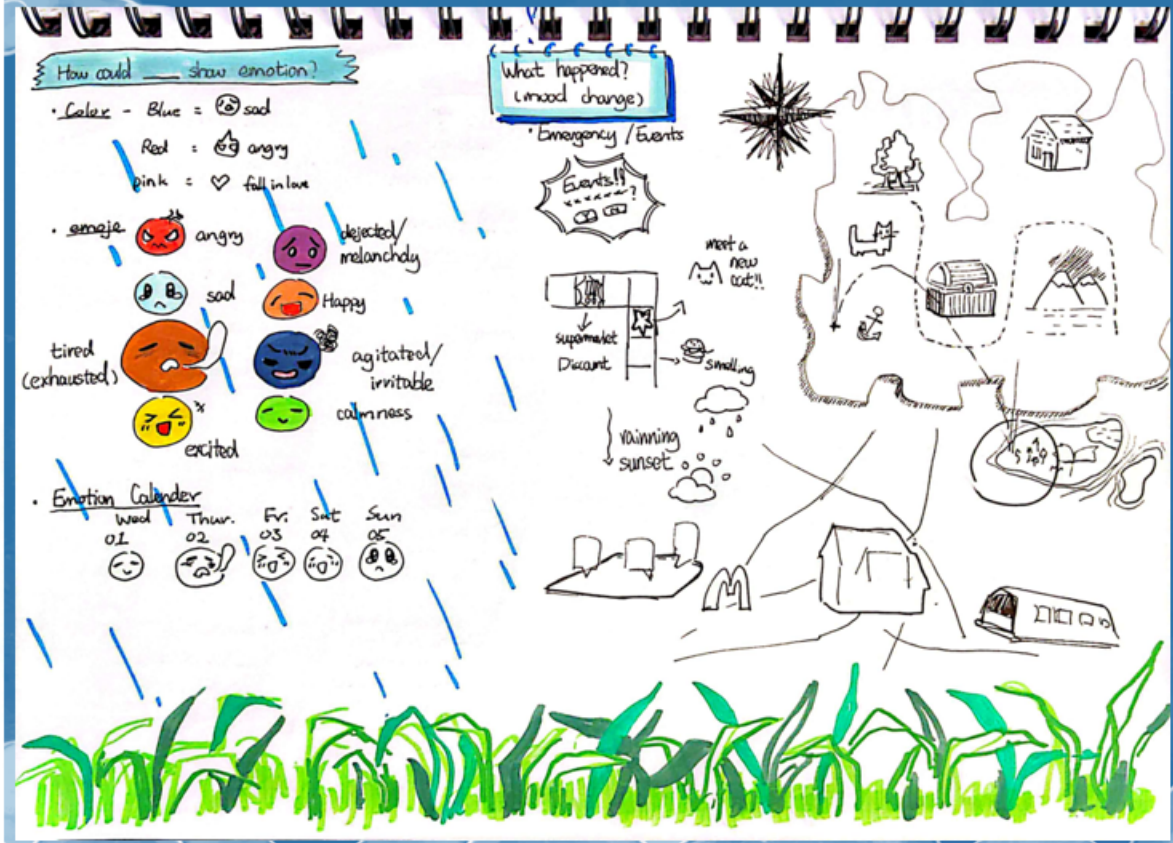
Interactive representation of weather, events, and emotions.

A curve representing mood changes.



Weather & Rain & Emotion





Environmental Psychology
Weather & Mood & Human Behavior

Weather & Emotion
Weather influences mood, cognition, and perception of space.
Rainy environments often evoke introspection, nostalgia, or calmness (Kellert, 2005).
Lack of sunlight can lead to lower energy levels and a more reflective or melancholic state.

Impact on Human Behavior
People adjust their movement patterns in response to rain (e.g., walking faster, seeking shelter).
Rain reduces social interactions, leading to more individualized experiences of space.
Soundscapes (rainfall, wet footsteps) affect spatial awareness and sensory engagement.

Psychological Frameworks
Mehrabian & Russell' s (1974) Model: Weather as an affective stimulus, triggering emotional and behavioral responses.
Kaplan' s Attention Restoration Theory (1989): Natural weather elements like rain can induce a restorative, meditative effect.
Tuan' s Space & Place (1977): Weather shapes our emotional attachment to environments.

Design Relevance
Understanding weather-emotion connections helps in designing more emotionally responsive spaces.
Integrating rain as an experiential element can deepen user engagement and spatial storytelling.

Resource

Mehrabian, A., & Russell, J. A. (1974). An approach to environmental psychology. The MIT Press.

URL: https://scispace.com/papers/an-approach-to-environmental-psychology-40bl45gmqy

Kaplan, S., & Kaplan, R. (1989). The experience of nature: A psychological perspective. Cambridge University Press.

URL: https://www.sciencedirect.com/science/article/pii/0272494495900012

Tuan, Y.-F. (1977). Space and place: The perspective of experience. University of Minnesota Press.

URL: https://www.jstor.org/stable/10.5749/j.ctttv7wr

PART 1

Rain

Environmental Psychology

Emotional Mapping

How does rain affect spatial experience and emotions?

How do pedestrians change their behavior in the rain?

Observation & Recording
(Pedestrians, rain, sound, walking rhythm)

Rainwater Collection
(Different surfaces, wet marks)

Emotional Mapping
(Tracking mood changes)

PART 2

Itchen Riverside Walk

Multi-layered Water Environment (River, wetlands, rain interaction)

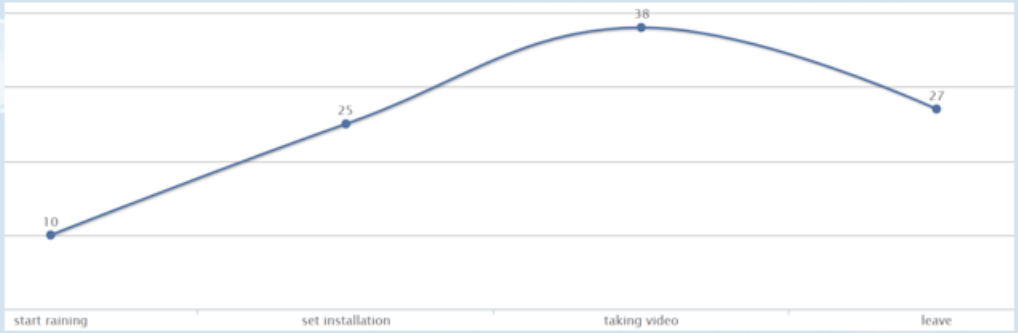
Alternating Open & Sheltered Spaces (Affects sense of safety & walking rhythm)

Dynamic Pedestrian Flow (Weather affects social behavior)

Event&Weather is changing people's mood

Emotional Mapping
(Tracking mood changes)

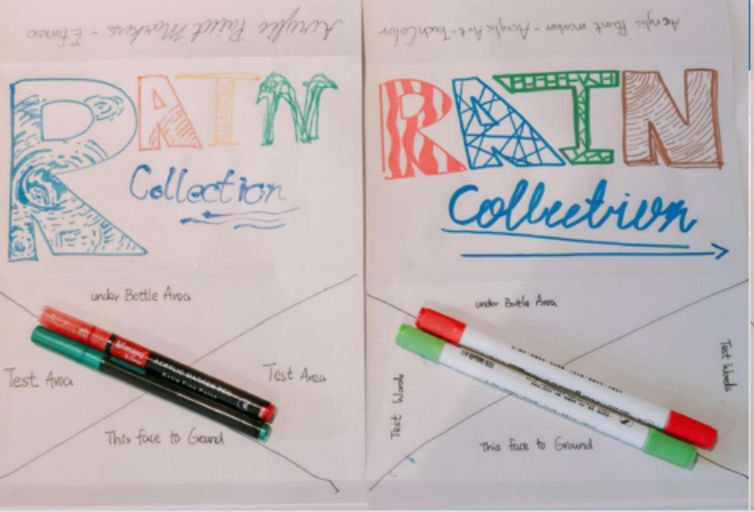
Flipbook Visual Diary
(Weather + Event + Emotion)



Raining Mood

https://youtube.com/shorts/q1x9n2f8_pM?feature=share

In the sound of raindrops and the faint rustling of passing footsteps, one can immerse themselves in the unique tones and atmosphere that belong solely to a rainy day—where the muted colors, damp air, and soft reflections on wet surfaces create a quietly immersive, almost cinematic experience.



After Raining↓

Material Interaction with Rainwater

Using the same type of paper but different drawing materials (ink, watercolor, pencil, etc.).

Observing how each material reacts differently when exposed to rain.

Sensory & Emotional Experience 🕮

Feeling the texture changes—softened, torn, or warped by rain.

Observing how colors blend and blur, creating organic patterns.

Linking these transformations to emotions—fragility, unpredictability, or renewal.

Raining & Paper & Emotion

Fragility & Uncertainty – Vulnerability of Materials

Paper becomes fragile, torn, and wrinkled, much like how emotions can feel delicate and unpredictable under certain conditions.

Ink may smudge or dissolve, symbolizing memories fading or emotions becoming unclear due to external influences.

Absorption & Influence – How We Internalize Surroundings

Different materials absorb water differently, just as people absorb emotions from their surroundings.

Watercolor spreads widely, representing overwhelming emotions like anxiety or sadness, while pencil may remain intact, reflecting stability and resilience.

Transformation & Impermanence – Emotions Are Fluid

The way ink and colors blend together resembles emotional transitions—from clarity to confusion, or from intensity to calmness.

The rain marks left on the paper act as physical traces of time and experience, similar to how emotions evolve and leave imprints on memory.

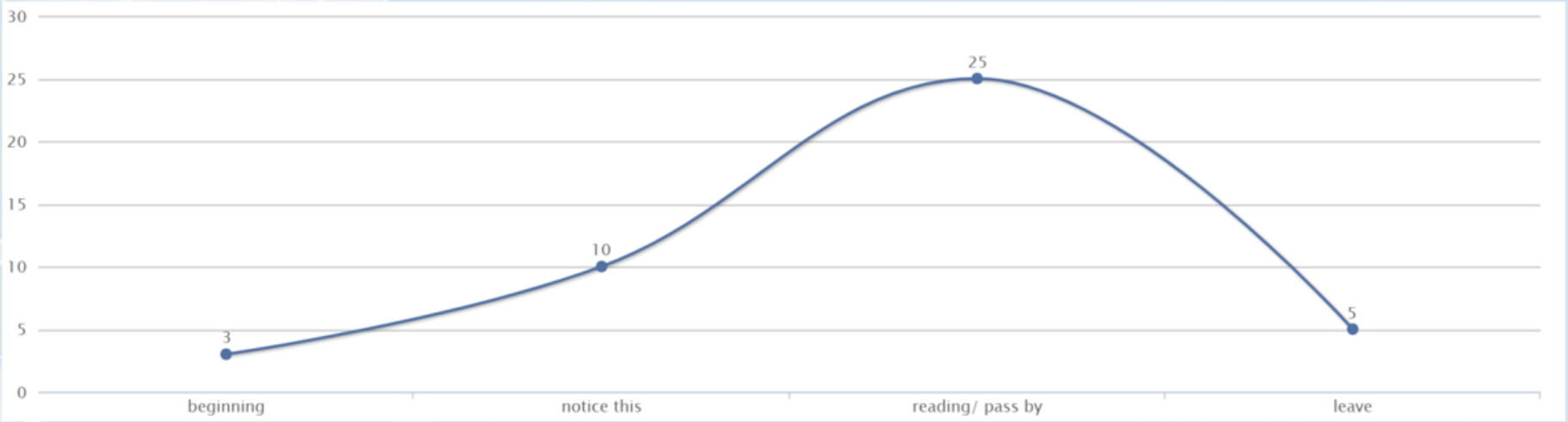
Environment & Mood – Rain as a Sensory Emotional Trigger

If placed in an open area, the paper may be fully soaked, reflecting overwhelm and loss of control.

Under a tree, the paper may receive scattered droplets, suggesting moments of introspection or protection from emotional storms.

In a puddle, ink may mix with dirt, evoking feelings of messiness, nostalgia, or even renewal.

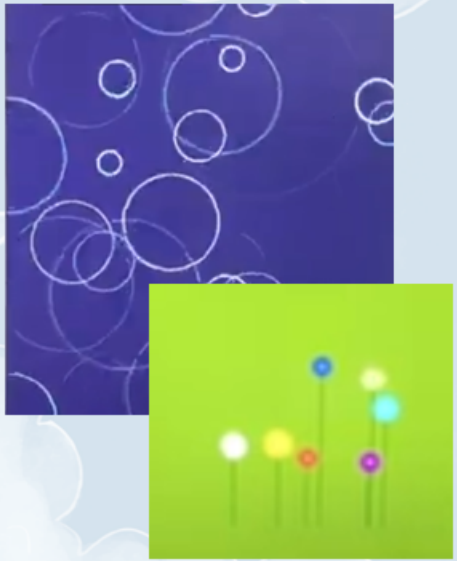
By observing how rain interacts with paper and materials, we create a metaphor for how external elements (like weather) influence internal emotions—some emotions wash away, some remain, and others transform into something unexpected.



https://youtube.com/shorts/ezQSR1NCzGI

In this video, many passersby become curious about the installation, and some even smile at the camera when they see it. People's emotions subtly change the moment they notice the installation from a distance.

https://youtu.be/xnJCtDQazEM



https://editor.p5js.org/kyline0259/sketches/VinxKmO0z
https://editor.p5js.org/kyline0259/sketches/YdISDjG1I
https://editor.p5js.org/kyline0259/sketches/l_ZEpJxGZ
https://editor.p5js.org/kyline0259/sketches/nOOI76UkG

Rain Simulation

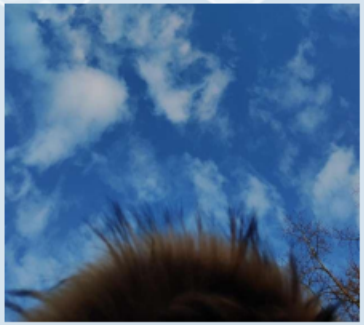
Enhances sensory immersion, allowing viewers to feel the atmosphere of the journey.
Supports emotional mapping by visualizing how rain influences mood.

Ripples on the Ground
Represents physical interaction between rain and the environment.
Symbolizes how weather alters perception of surfaces and space.

Real-Time Interaction
Viewers can manipulate elements, mirroring how people react to rain in real life.
Encourages exploration of individual vs. collective experiences in rainy conditions.

Visualizing Emotional Responses
Each interaction changes the composition, linking rain to different emotional states.
Connects with environmental psychology, showing how external stimuli impact perception.

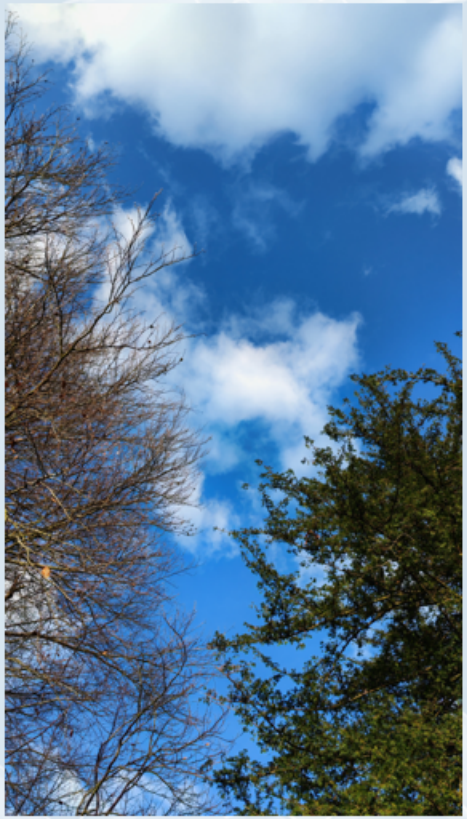
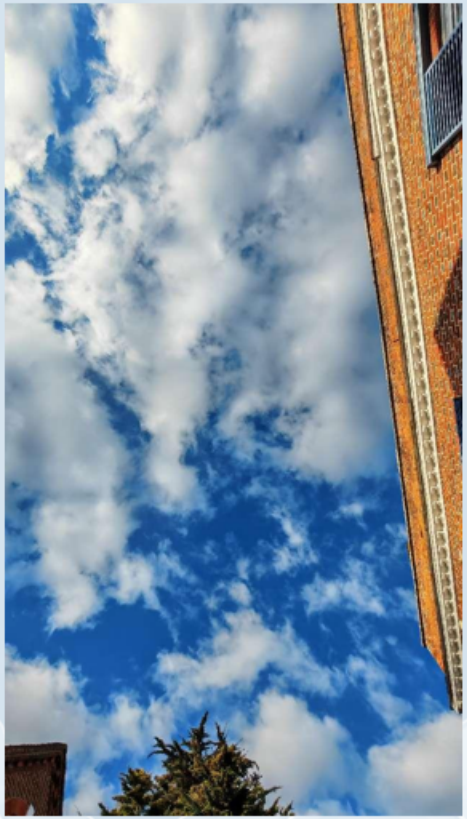
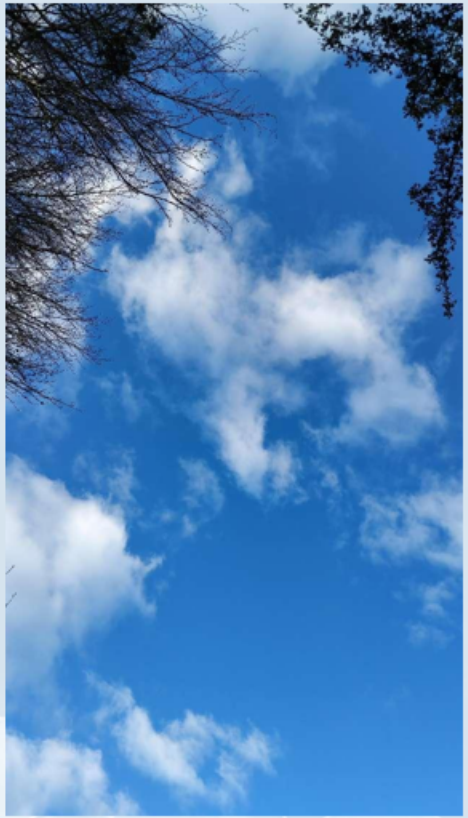
Weather Influences Mood & Psychological States



Weather Shapes Social Behavior & Interaction

Rain & Sensory Immersion Affect Emotional Perception

Weather Alters Perception of Space & Time

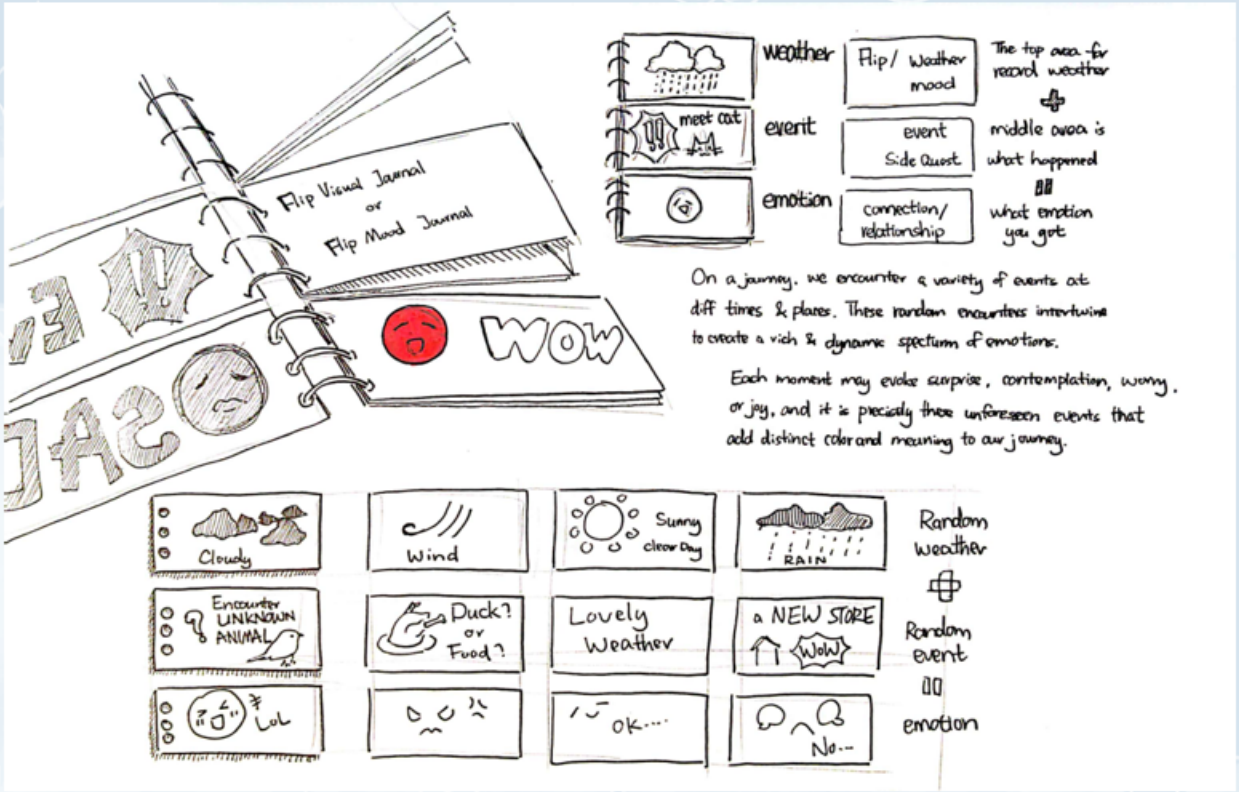






START POINT
TAKE ME!!
Jelly cat
I'm famous MEN
JELLYCAT
River ?!
!
!!
News!!
Wow
what's this ?
No Bread ?
END
??
ola!
I'm Duck :)


Route Selection
ITCHEN RIVER
WALKWAY
Park & Garden
The Weirs
The Weirs
WINCHESTER
College Chapel
College St.

Flipbook Visual Diary

Different combinations of weather, events, and emotions create a multi-dimensional experience



- Weather → Log rain intensity, lighting, temperature
- Event → Document significant walking events
- Emotion → Track personal emotional shifts

Weather

Event

Emotion

Combine different parts to create various combinations.
For example: "Light Rain" + " Encountering a Stranger" + "Curiosity."
This approach allows for the exploration of the dynamic relationship between weather, events, and emotions.
Users can observe different changes by flipping the pages, enhancing their subjective experience.
Random combinations may create unexpected emotional associations, helping to understand how weather influences psychological states.