



SLSP 5368M Group8 Project

PORTFOLIO

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CONTENT

(Catalogue)

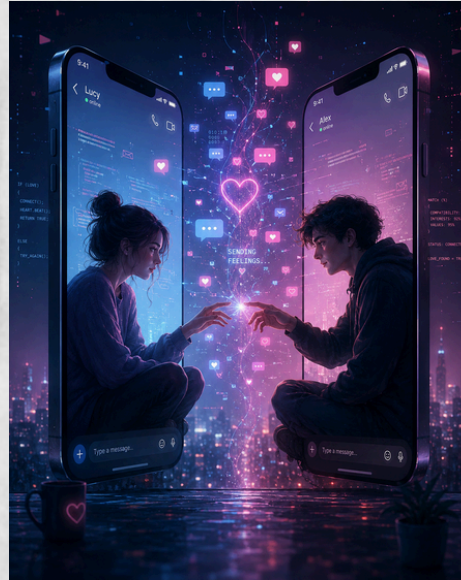
- Project Overview
- Theoretical Framework
- Creative Concept
- AI Music Design

In-depth Analysis of
AI music

PROJECT

01. (Inspiration)

The increasingly common "algorithmic intimate relationships" in daily life. For instance, when people browse social media, they often come across content such as "love compatibility tests" and "AI analysis of chat records". At first, it seems interesting and even somewhat accurate, but later one may wonder: Can emotions, preferences and relationships really be explained by a few percentages and labels?



Match-degree



02. (Research Questions)

- How do algorithms affect the formation of intimate relationships?
- How does this reflect algorithmic culture and data justice?
- How can AI reshape emotional expression and experience?

OVERVIEW



(Project Overview)



■ key topics

Algorithmically mediated
intimacy

Project focuses on how
dating apps, AI companions,
and recommendation
systems influence intimate
relationship formation and
understanding



■ Creative output

AI-generated pop ballad

An AI love song (3 – 4
min) depicts emotional
contradictions in
algorithmic intimacy.



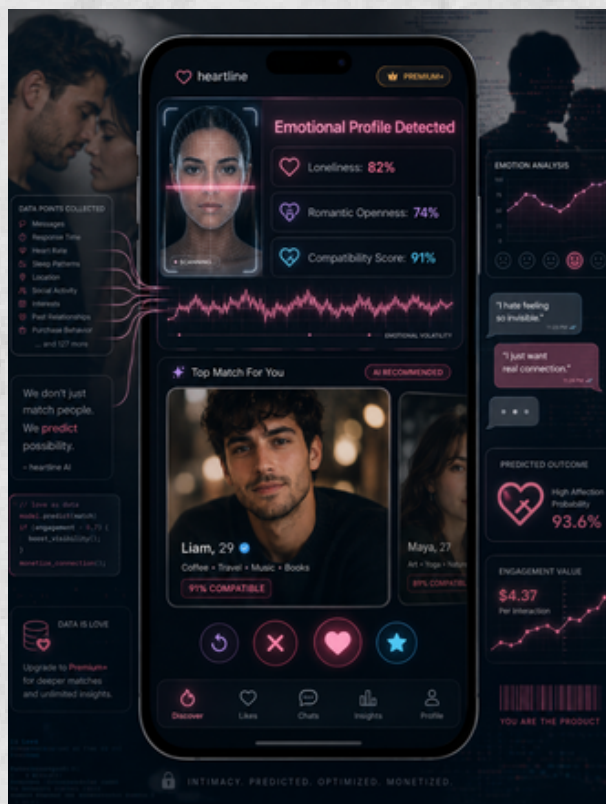
■ criticism target

Datafied love

Critiquing the conversion
of emotions into match
scores, emotional
profiles, and
commodifiable data.

Key words : Datafication; Intimacy; AI music; Algorithmic culture; Data justice

(key problem)



When Love Becomes Data

Emotions Quantified

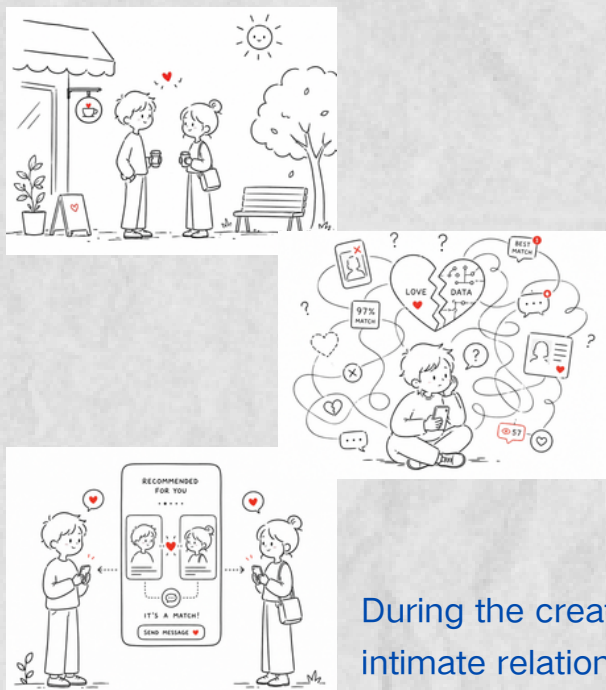
The platform is gradually breaking down those complex and difficult-to-explain emotions into a series of calculable data. The emotions, preferences and interactions in intimate relationships are transformed into scores, labels and data profiles.

Relationships Predicted

The platform influences how users perceive, choose and trust others through algorithmic recommendations and matching mechanisms. Intimate relationships are no longer just emotional interactions between individuals.

Data Commercialized

It has transformed into a data process that can be predicted, managed, and even commercialized by the platform. The platform uses these data for optimization, recommendation, and profit generation.



During the creative process, we realized that the algorithmic intimate relationship is no longer as simple as "people meeting each other through software". It's more like a kind of love, but it has been encapsulated within the glass box of the algorithm.

Theoretical

From Datafied Emotion to Algorithmic Intimacy

Datafication (Mayer-Schönberger and Cukier, 2013)

In dating or virtual romance apps, chats, clicks, dwell time, and emotional expressions all become data — this theory explains how emotions, preferences, and interactions are turned into quantifiable data.

Data Justice (Taylor, 2017) and Surveillance Capitalism (Zuboff, 2019)

Users generate emotional data; platforms analyze and personalize it for profit, while users lack real control over how their data is used — revealing a power imbalance in the user-platform data relationship.

Technological Imaginaries (Bucher, 2017)

Algorithms know users better than they know themselves, predicting emotional needs and matching relationships — revealing how platforms create the illusion of algorithmically optimized intimacy.

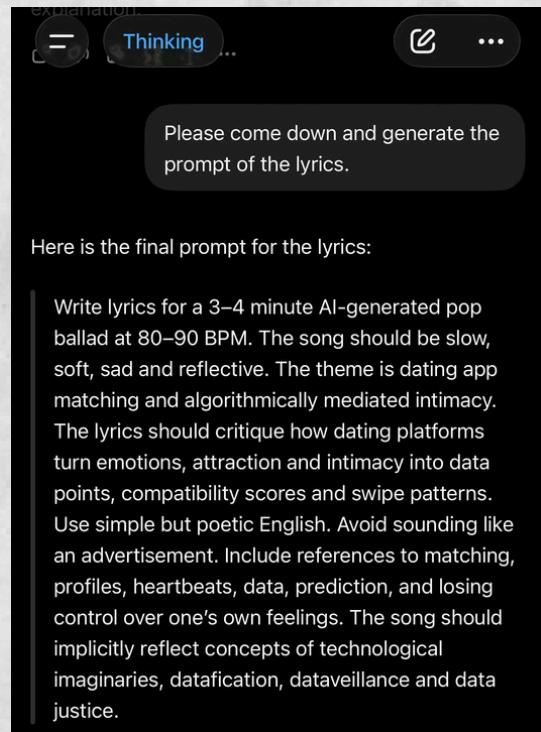
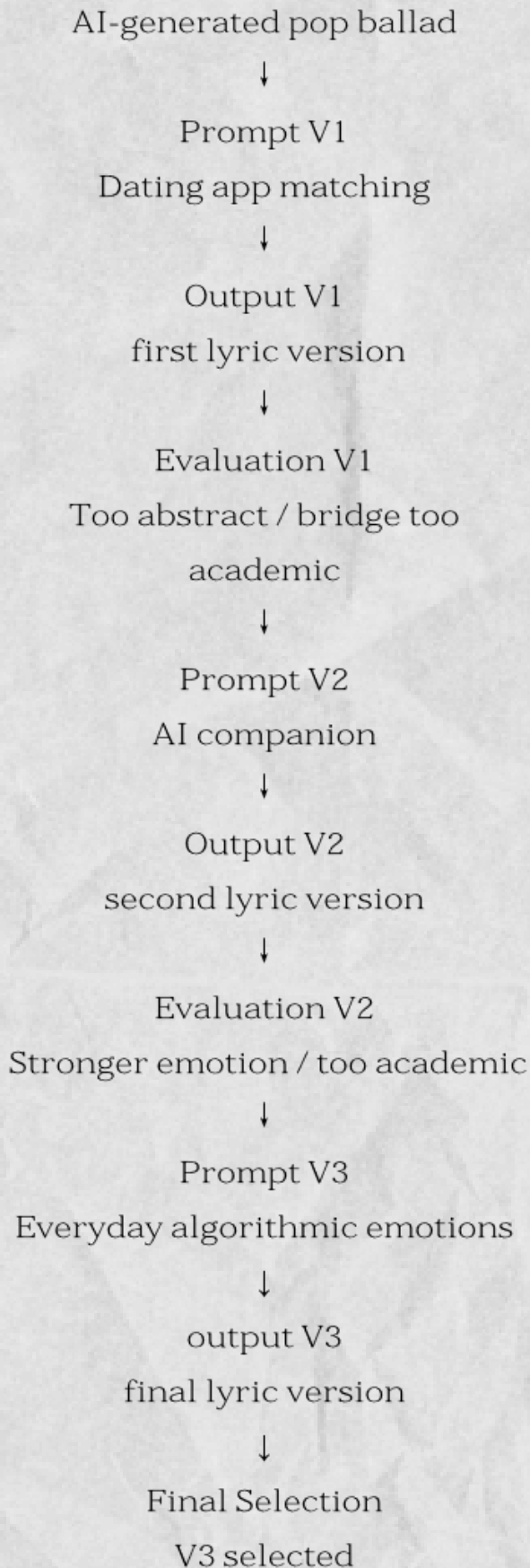
Algorithmic Mediation (Hallinan, B., and Striphas, T. 2016.)

When AI generates songs, it doesn't simply express human emotion — it uses data and algorithmic logic to shape emotional expression, relationship choices, and the creative process itself.

Framework

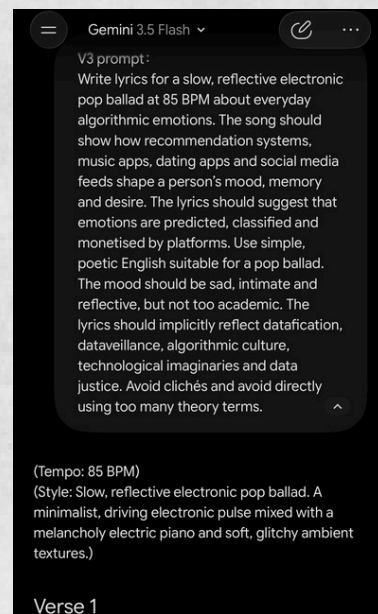
CREATIVE CONCEPT

(Lyric Generation Workflow)



Prompt Design Evidence

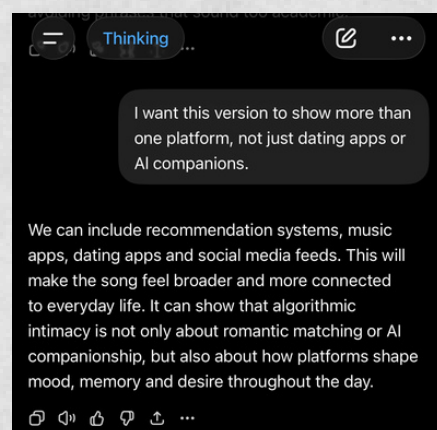
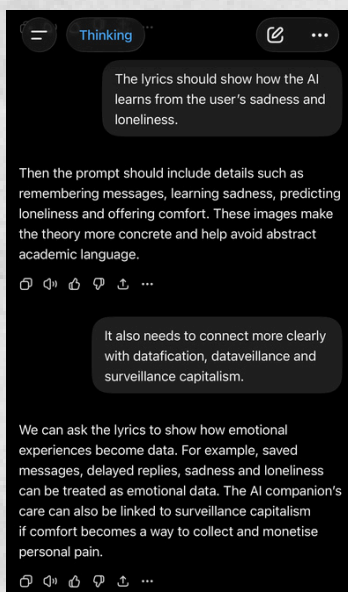
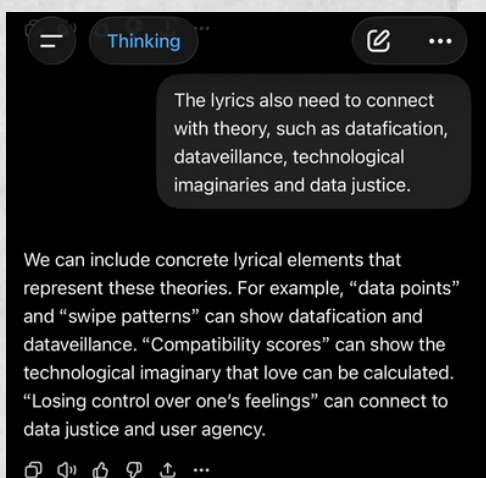
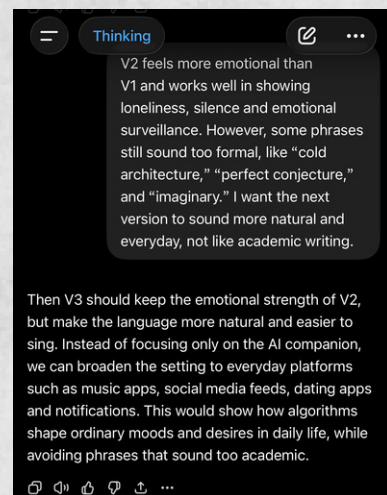
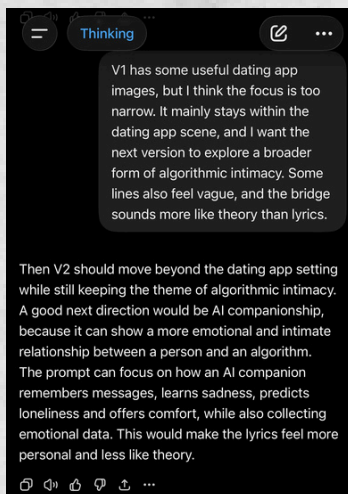
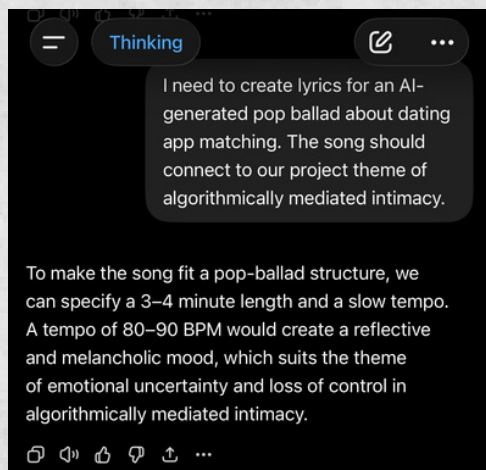
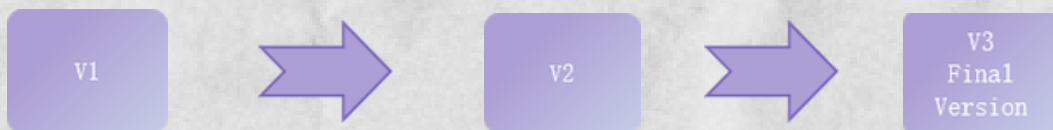
V1 prompt was generated after defining theme, tempo, mood and critical tone.



Lyric Output Evidence

V3 was selected as the final lyric version because it had the strongest balance between emotional tone, song structure and prompt requirements.

(Prompt Development Dialogue)



Lyrics Comparison

The first version's lyrics only focus on how the dating apps match users, failing to capture the user's inner monologue.

Building on the first version, the second version expresses stronger self-reflection, but includes too many academic terms and lacks rhythm.

The final version presents a more relatable scene, cleverly integrating the terms through metaphors. Additionally, we made human edits to make it read more like a song lyric.

(Human Revision and Final Lyric Output)

AI-generated line	Human revision	Reason
“They turn into money the things that I care”	“They sell every feeling I leave there”	The grammar was awkward, and the new line sounds smoother.
“A perfect stream, a beautiful tie”	“A perfect stream, a beautiful lie”	“Tie” was unclear, while “lie” gives the line a clearer meaning.
“For a loop of automated cheers”	“For a loop of hollow cheers”	“Automated” felt stiff, while “hollow” sounds more lyrical.

Gemini 3.5 Flash ▾

... up to a playlist chosen for my mood

A calculated rhythm to match my solitude
The morning feed is flowing, it knows just what I fear
It serves a little anger to keep me clicking here
A stranger's face going flying past my thumb
A calculated match to strike me dumb
My choices are curated before they even start
A cold, invisible hand is steering my heart.

Chorus

They map out my longing, they measure my spite
They sell me the sadness I'm feeling tonight
A pattern of clicks, a trail in the air
They turn into money the things that I care
I don't know where my own thoughts begin
And where the platform's walls lock me in
I'm drifting away on a stream of desire
Fed to the gears of a listening empire.

Verse 2

The screen predicts the song that makes me want to cry
It logs the exact second that I pass a picture by
It groups me into boxes with people just like me
A tailored little echo of who I ought to be
We bought into the promise of a world so well-aligned
Where every single problem was beautifully

Chorus

They map out my longing, they measure my spite
They sell me the sadness I'm feeling tonight
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Where every single problem was beautifully

A screenshot of a music player interface. At the top, the track name "Gemini 3.5 Flash" is displayed in white text on a dark background. Below the track name, the lyrics are shown in a light gray font: "A pattern of clicks, a trail in the air / They turn into money the things that I care / I don't know where my own thoughts begin / And where the platform's walls lock me in / I'm drifting away on a stream of desire / Fed to the gears of a listening empire." The track title "Bridge" is prominently displayed in a large, white, sans-serif font. Below the title, the lyrics "Is there a place where the grid doesn't reach? / A feeling too stubborn for numbers to teach? / We gave them our history, our secrets, our years / For a loop of automated cheers / But intimacy isn't a score you can track / And I want my unclassified feelings back." are listed. At the bottom of the image, a row of white icons represents standard music player controls: a thumbs up (like), a speech bubble (comment), a crossed-out equals sign (mute), a circular arrow (repeat), an upward arrow (share), a square icon (playlist), a vertical ellipsis (more options), and a speaker icon (volume).

Bridge

Is there a place where the grid doesn't reach?
A feeling too stubborn for numbers to teach?
We gave them our history, our secrets, our years
For a loop of automated cheers
But intimacy isn't a score you can track
And I want my unclassified feelings back.

Outro

The next track plays without my consent...
Another notification is sent.
A perfect stream, a beautiful tie.
A quiet life, lived on standby.
(The electronic pulse slowly breaks rhythm, glitching
out until only a single, unquantized piano note
remains.)

(THEORY IN THE SONG)

- Lyric

“A **calculated** rhythm to match my **solitude**”

“They map out my **longing**, they **measure** my **spite**”

“It **logs** the exact second that I pass a picture by”

Theory

In the lyrics, the complex emotions such as "**solitude**", "**longing**" and "**spite**" that AI cannot comprehend are transformed into intuitive data that can be "**calculated**", "**measured**" and "**logs**", which is in line with Datafication (Mayer-Schönberger and Cukier)

- Lyric

“We bought into the promise of a world so **well-aligned**”

“Where every single problem was beautifully designed”

Theory

The lyrics quickly shift to skepticism. The "**well-aligned**" world is precisely describing an algorithmic imagination. Users think that the algorithm makes life smoother, makes the content more suitable for them, and makes relationships more precise. But in reality, they have already been arranged in the designed environment by the algorithm. This aligns with the theory proposed by Bucher, namely "Algorithmic Imaginaries".

(THEORY IN THE SONG)

- **Lyric** “The next track plays without my consent”

Theory This lyric is also very crucial. "Consent" is not only about playing the next song; it also implies that many of the data behaviors of users on the platform are not truly informed and voluntary. Users have no real control over how these data are used, classified, and monetized. This aligns with what Taylor proposed regarding Data Justice.

- **Lyric** “It serves a little anger to **keep me clicking** here”
“**They turn into money the things that I care**”
“Fed to the gears of a **listening empire**”

Theory The lyric "**keep me clicking**" directly reflects the platform economy's logic—not just recommending content but driving prolonged user engagement. **The next line shows** how users' real concerns, such as emotions and relationships, are commodified. "**Listening empire**" also suggests a totalitarian empire turning users' private lives into part of a profit machine.

AI MUSIC

——From Algorithmic Culture to Emotional Manipulation

Emotional Direction

Through an AI-generated electronic pop ballad, the project critiques how emotions are increasingly measured, predicted and commodified within contemporary platform society.

Expanding from dating apps to wider platform systems, the final song explores how recommendation algorithms shape intimacy, emotional behaviour and digital culture.

Music Style

Musical Element	Intended Meaning
Ambient synth textures	synth textures
Slow BPM (85 BPM)	emotional heaviness
Electronic pulse	algorithmic rhythm
Ambient synth textures	digital atmosphere
Soft piano	emotional vulnerability

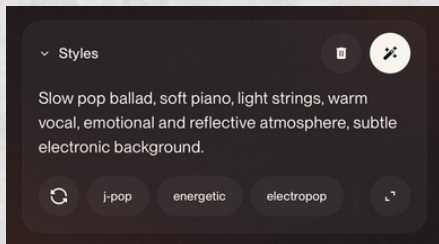
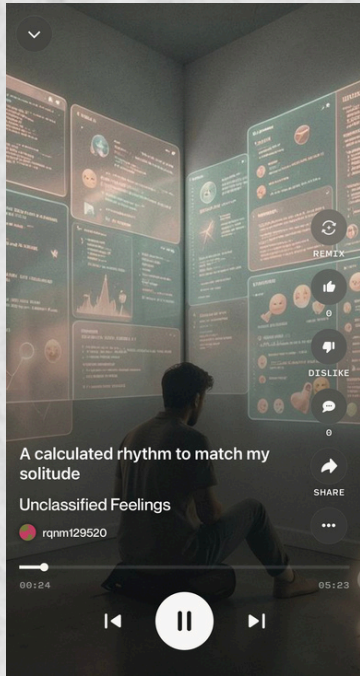


DESIGN

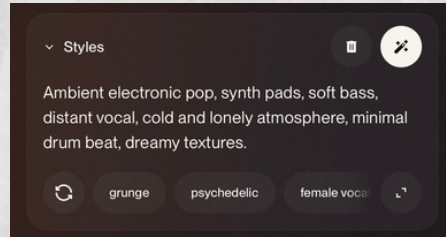
(Version Comparison)

—Exploring different emotional and heoretical directions through AI-generated music

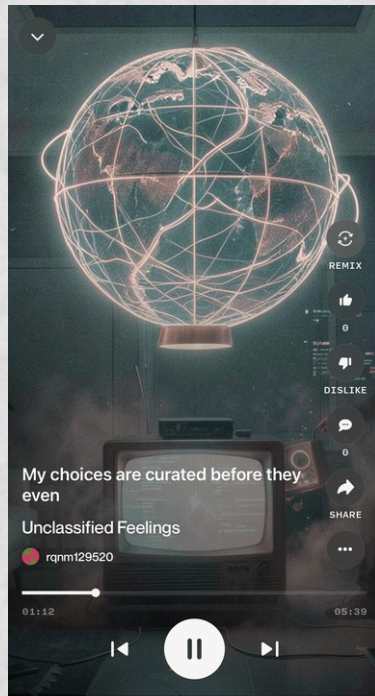
Version1



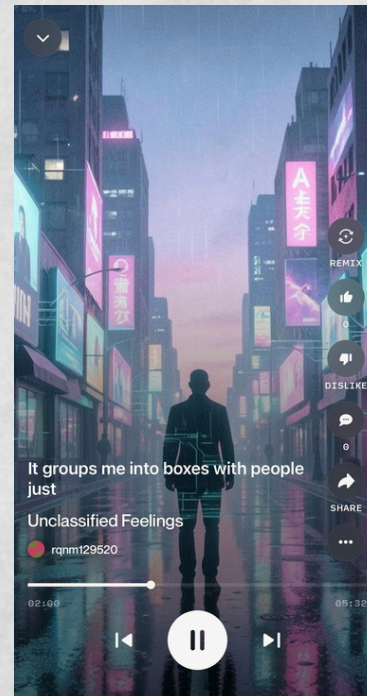
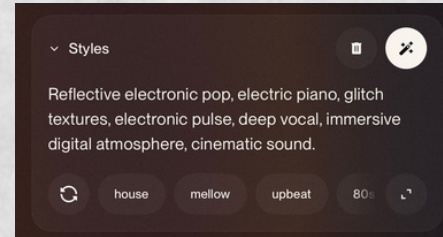
Version2



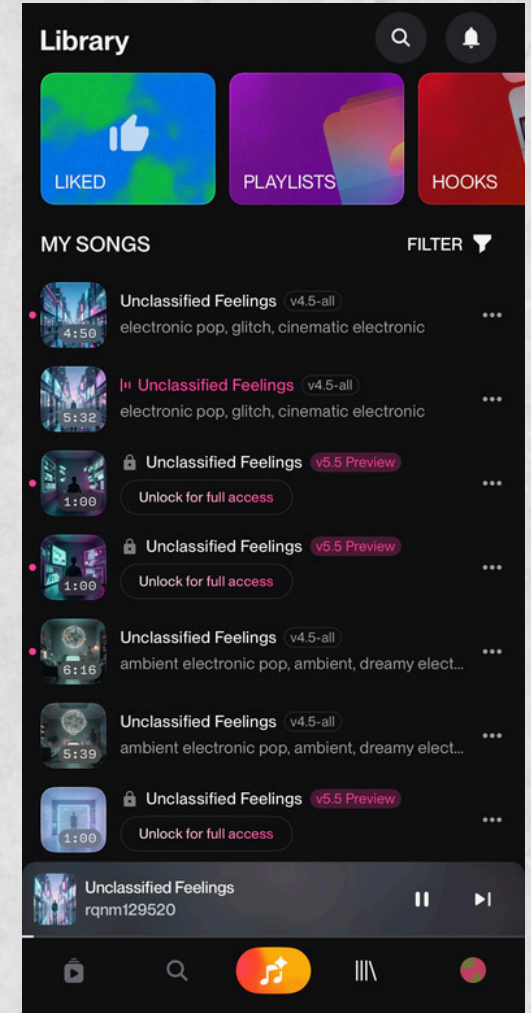
Compared to Version 1, this version features male vocals and a stronger electronic feel, but the melody is bland, the emotion is weaker, and it is less pleasant to listen to.



Version3 Final music



Compared to previous versions, the third version better integrates melody, sound effects, and emotion, making it irresistibly catchy and, in our view, the most polished and satisfying production.



work process

The first version has a soothing melody, but the electronic sound effects are abrupt and do not blend well with the overall piece, which is inconsistent with the style we are aiming for.

(Final Creative Output)

— — Unclassified Feelings



Now Scan to Play!



Item	Details
Track	Unclassified Feelings
Duration	5:32
BPM	85 BPM
Genre	Reflective electronic pop
Tool	Suno AI
Theme	Algorithmic intimacy

Team Reflection

Through experimenting with three different musical versions, we found that changes in instruments, rhythm, and electronic sound effects can create vastly different emotional atmospheres. We not only aim to make the song sound more immersive and emotionally engaging, but also want to convey to the audience a perspective: intimate relationships involving AI blur the boundary between genuine human emotion and technologically constructed emotion, making it impossible for people to distinguish true feelings.

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THANK

In-depth Analysis of AI music

YOU