

Francis Ouellette - CART 263

Final Project (Concept & Prototype)

For the final project, I will expand upon my AI speech recognition class example to create a story based haiku game. The initial concept stems from last semester's final project made using Three.js with Sabine in CART 351. The floating nodes were connected to random bits of text the user could generate, linking it to other families of thought, continually expanding and unfolding with every added sentence.

CART 351 - [Mindscape](#)

As of now, I have been developing this concept in Matthew's CART 315 Game Prototyping class for tabletop and potentially made in Unity. After weeks of playtesting and journaling, I have been able to break down a workable point system, depending on the players actions. The idea has changed a bit during development, which now includes word collecting as the core of the project. The player would navigate 3 levels filled with floating sentences, needing to select one per level to compose custom haikus, which unlock a conversation with the ethereal Mother at the final level. The points are based on each letter's value, based on its number in the alphabetical order (ex: A = 1, B = 2, C = 3, etc.) After playtesting a paper version, I was able to conclude that aiming for 555 points was the ideal to unlock the best conversation with the Mother.

CART 315 - <https://www.are.na/fdg/cart-315>

For the next step, I need to expand upon this idea and use the AI speech bot to have these haikus and phrases come alive. The player will activate the gameplay via voice, using words to connect the haikus, level by level, until arriving to the end, reaching the Mother for an intimate conversation, as one would do if searching out a sage at the top of a faraway mountain.

CART 263

Game Layout (Levels)

<https://www.are.na/block/27082783>

1 - Intro Page / Gameplay Info

2 - Level 1

3 - Level 2

4 - Level 3

5 - Points Breakdown

6 - Mother Conversation

7 - Final Page / Replay Option

Above is a link to a possible layout for the final project. I am aiming for a simple multi-page web game which advances by vocal recognition. There will be audio cues and an AI voice to represent the Mother. The main issue will be to code the haikus correctly, so as to associate the right points and keep track of the player's score and haiku selection during gameplay.

AI Voice Jam

https://github.com/fdg84/cart263/tree/main/Activities/Voice_Activated_Audio

1 - Intro Page / Gameplay Info

AI HAIKU - Rules

Choose 1 sentence per level (3 total)

The combined sentences will form a Haiku

Gain points & unlock a conversation with the Cosmic Mother

This game is voice activated

Please read the chosen sentences to advance

5 - Points Breakdown

Final Score

Your chosen path will depend on the points associated to each sentence

Your final score must be as close to 555 points as possible

6 - Mother Conversation

Speak to Mother

Each combination of haikus will unlock responses from the Cosmic Mother

Good luck!

7 - Final Page / Replay Option

Replay / Quit

Quit / Try again

Enjoy your journey!

5-7-5 Haiku Template

Haikus

Level 1

- Vast, inky expanse (**185**) - L1H1
- Telescope's keen eye (**194**) - L1H2
- Distant planets gleam (**206**) - L1H3
- We reach for the stars (**224**) - L1H4
- Dust particles dance (**188**) - L1H5
- Beneath a full moon (**184**) - L1H6
- Eerie starlight whispers (**254**) - L1H7
- Dark matter's embrace (**192**) - L1H8
- Nebula's soft glow (**206**) - L1H9

- Black hole's endless sigh (204) - L1H10
- Cosmic cradle rocks (204) - L1H11
- Supernova's birth (204) - L1H12
- Gravitational pull (204) - L1H13
- Quasar's brilliant hum (229) - L1H14
- Dark energy flows (204) - L1H15
- The universe sings (146) - L1H16

Level 2

- Stars whisper ancient secrets (258) - L2H1
- Piercing giant darkness (234) - L2H2
- Are we alone? The question (229) - L2H3
- Building ships of dreams and hope (252) - L2H4
- Answers of creation (224) - L2H5
- We feel the cosmic pull (224) - L2H6
- Echoes of her lullaby (185) - L2H7
- A mother's silent language (232) - L2H8
- A memory held in its gaze (239) - L2H9
- Echoes of a mother's love (224) - L2H10
- A silent lullaby hums (232) - L2H11
- A mother's fiery farewell (239) - L2H12
- An unseen cosmic bond (224) - L2H13
- A mother's forgotten song (239) - L2H14
- A mother's love ever present (254) - L2H15
- A silent mother's lullaby (232) - L2H16

Level 3

- We listen, yearn to know (248) - L3H1
- A speck, yet we're one (204) - L3H2
- Echoes in the void (154) - L3H3
- To touch the unknown (241) - L3H4

- A timeless ballet (137) - L3H5
- A kinship with all (184) - L3H6
- Dust of galaxies dance (204) - L3H7
- Woven in starlight's song (254) - L3H8
- Whispers of the past (232) - L3H9
- Lost in the cosmic dance (224) - L3H10
- Stardust whispers peace (232) - L3H11
- Embers light the void (204) - L3H12
- Whispers from the void (232) - L3H13
- Echoes in the light (204) - L3H14
- Unseen, yet felt so deep (239) - L3H15
- Woven in the stars (224) - L3H16

MOTHER RESPONSES

1. Amongst the stars, listen. The universe sings a song of connection, woven with love's luminous thread. You are part of it, shine bright.
2. Listen, child of the stars. Love threads the vastness, you're part of the song. Shine on.
3. Starlight whispers. Love binds the cosmos, be the light.
4. Star whispers, love binds, be light.
5. Whispers on starlight, love binds all.
6. Love's light binds all.

ORIGINAL HAIKUS

H1

Vast, inky expanse,

Stars whisper ancient secrets,

We listen, yearn to know.

H2

Telescope's keen eye,
Pierces cosmic darkness,
A speck, yet we're one.

H3

Distant planets gleam,
Are we alone? The question
Echoes in the void.

H4

We reach for the stars,
Building ships of dreams and hope,
To touch the unknown.

H5

Dust particles dance,
Whispers of creation,
A timeless ballet.

H6

Beneath a full moon,
We feel the cosmic pull,
A kinship with all.

H7

Eerie starlight whispers,
Echoes of her lullaby,
Dust of galaxies dance.

H8

Dark matter's embrace,
A mother's silent language,
Woven in starlight's song.

H9

Nebula's soft glow,
A memory held in its gaze,
Whispers of the past.

H10

Black hole's endless sigh,
Echoes of a mother's love,
Lost in the cosmic dance.

H11

Cosmic cradle rocks,
A silent lullaby hums,
Stardust whispers peace.

H12

Supernova's birth,
A mother's fiery farewell,
Embers light the void.

H13

Gravitational pull,
An unseen cosmic bond,

Whispers from the void.

H14

Quasar's brilliant hum,

A mother's forgotten song,

Echoes in the light.

H15

Dark energy flows,

A mother's love ever present,

Unseen, yet felt so deep.

H16

The universe sings,

A silent mother's lullaby,

Woven in the stars.