

Tarot Cards - Starting Pitch

110 Wanton Wontons

Statement of Purpose

Tarot card reading can be an interesting and engaging process for users seeking fortune telling. The app is meant to provide an easy and streamlined way of engaging with the cards, as well as take away the required manual reading and learning curve of the interpretation of the cards through combination of pre generated texts and presentation.

Goals/Features

- Create website that presents 3 tarot cards to the user that relate to the past present and future
- Pre-generated responses according to the 3 randomly selected cards
- Different visuals/sound effects for different cards
- Animations for the card shuffling, drawing, and laying out cards
- Sound effects for drawing cards, ambiance for tarot environment.

Topics of Risks and Rabbit Holes

The implementation of various visual effects we have discussed as a possible feature could pose a risk of being a deep and treacherous rabbit hole which could take many days, if not weeks to get right. Because of this fact we are planning to work on this feature as an extra once the core functionality of the process is complete (i.e. the card selection and interpretation).

The text generation could additionally be problematic if not thought through. The current idea is to create card combination interpretations using chatGPT using a google sheets extension

we can then export for easy accessibility in code. The trouble could come depending on how we prompt the AI to generate the needed texts, and how much editing we will have to do around the stranger interpretations.

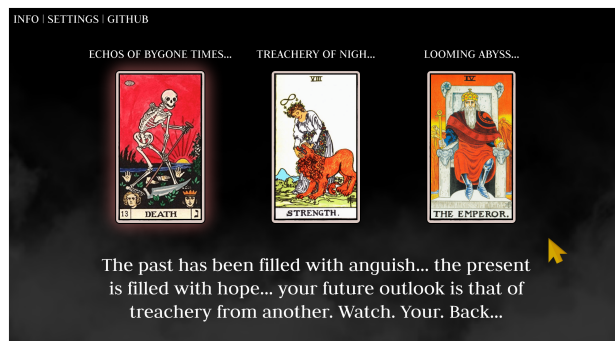
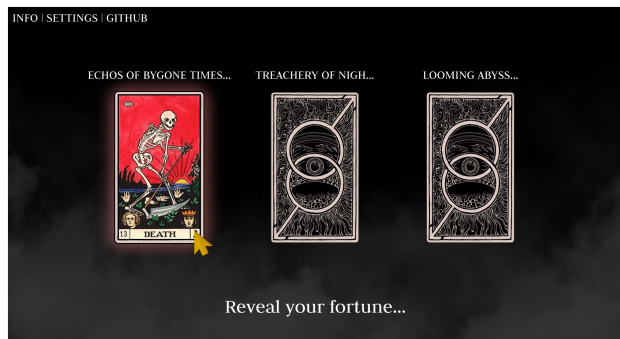
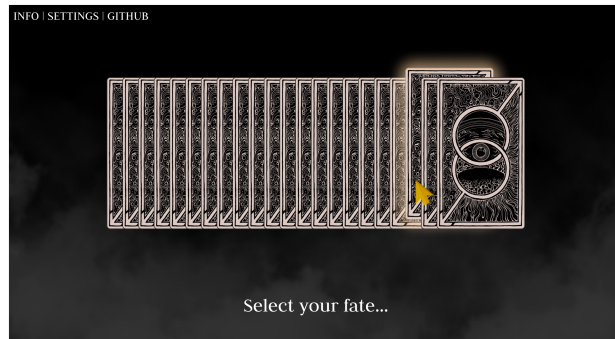
The usage of too many or too little cards. Currently, we are planning to use around 20 cards, more specifically the 22 Major Arcana cards that have broader interpretations. However, depending on the responses generated, there might not be a wide variety of responses.

Image generation could also be a problem. While we could make use of generative AI for image asset generation, it is unclear if the quality would be up to par. The images generated by AI are often filled with strange inconsistencies or imagery. When the art is a large part of the presentation and is shown large on the screen, its quality might not be good enough and we might have to resort to finding fitting free images online or creating assets ourselves.

The amount of responses for all possible combinations might result in a text file that is too big for the website to load in a reasonable amount of time. This is a possibility that has to be considered as we implement the responses into the website.

For the implementation portion, our group will divide into two groups, one focusing on the animation aspect and other focusing on the response generation and display. Communication within each group, and between both groups will impact the progress and efficiency of the development process. We will maintain constant communication throughout the process through standups and meetings.

Visual Representation



System Diagrams / Wireframes

In-progress: Experimenting with C4 diagram

Constraints

- Must be usable even without Internet connection
- Must be completed within 5 weeks
- Must not rely on APIs that require Internet connection
- Use only JavaScript, HTML and CSS

User Personas

Name: Rick

Occupation: Undergraduate student at UCSD

Age: 20

Background information: As he completes his third year, Rick tries to balance his internship and studies. He wonders whether he should take a break prior to working as he has always wanted to travel. By working while studying, he has been able to save up a good amount of money so he could travel without worrying about working. Rick considered both options of working and traveling as viable, and would not affect him much in the long run, but was still unsure of which one was the right choice. Indecisive, Rick decides to leave his fate up to the tarot cards for fun.

Goals:

- Reflect through fortune telling
- See what his future entails

Needs/Wants from the app:

- Easy to use
- Wants a proper interpretation of what his future will look like
- Functional
- Wants it to be a fun experience
- Simplistic in design but still have a “mystical” ambience

Name: Janice Trout

Occupation: Accountant for a mid-sized company

Age: 26

Other Background Info: In her mid 20s, Janice works a typical 9-5 job. She has a close circle of girlfriends and lives in an apartment. She lives in an area with high rent, and is currently single. Living on a single income in her area is very hard, so Janice has been considering different options like moving, going for a new job with higher pay, getting a roommate, etc. She feels stressed constantly due to her monetary situation, but finds momentary respite in self-care. She's not a believer in the mystical arts, but her friends have introduced her to tarot cards in passing and she feels that they could at least help push her to make a decision on her situation.

Goals:

- Reflect on her situation using tarot cards in order to (hopefully) reach a decision to improve her lifestyle and overall happiness.

Needs/Wants from the app:

- Easy to use
- Wants to be able to at least understand the different cards and how they work together in the typical past/present/future setup.
- Simplistic but also a smooth user experience.
- Wants the tone of the cards not to be too funny or too serious, but allow her to gain more insight due to the reflective nature of the cards.
- Wants the cards to be noncommittal, so that she doesn't feel pressured into believing that what they're saying is the truth.