Constellation Fortune Telling App Features

- Enter question
    - Text entry
    - Voice entry
- Sky map
    - Display an array of selectable stars
    - Click to select 5 stars
- Fortune teller
    - Armadillo character image
    - Intro dialog
    - Character animation
    - Present and explain constellation of the selected stars
        - What the constellation represents
        - Advise to user
- Animation
    - Scene shifting effect
    - Select star effect
- Armadillo theme
    - stars shaped of different armadillo
    - armadillo answering the question/being fortune teller
- Answers
    - relevant to question
    - small variances in delay time
- UX
    - Ask the user some info such as first name, birthday, and birth location to make it feel more personal
    - Ask more question to make the teller more real such as:
        - How you feel today?
        - What you want to ask about?
        - Referece: https://www.keen.com/app/best-match?hlt=0&listingstid=GXUXTHZ0&q=3

Constellation Fortune Telling App Researches

Aiden Research:
- A pretty cool website which can see the information of each star by clicking on them
    - We can also tell some information about the star the user chose
- The sky map is displayed 3d and you can drag to change the angle of the camera or scroll to zoom in
- It also asks for the user location to display the real time position of the star at that location which we can consider doing the same
    - Can use API to do that: https://opendata.stackexchange.com/questions/6171/where-can-i-find-a-rest-api-of-stars-and-constellations
- URL: https://stellarium-web.org/

- Could also have feature to upload picture of stars as alternative to selecting the stars
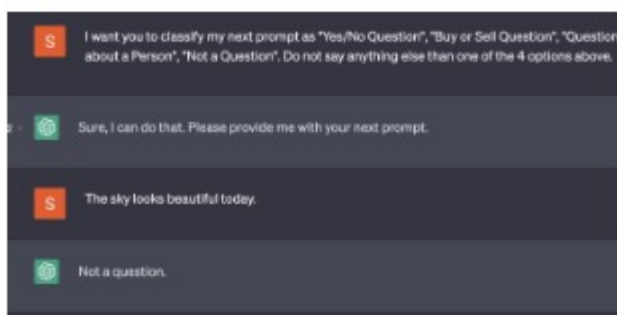

- Also has the option to display the constellation and constellation art
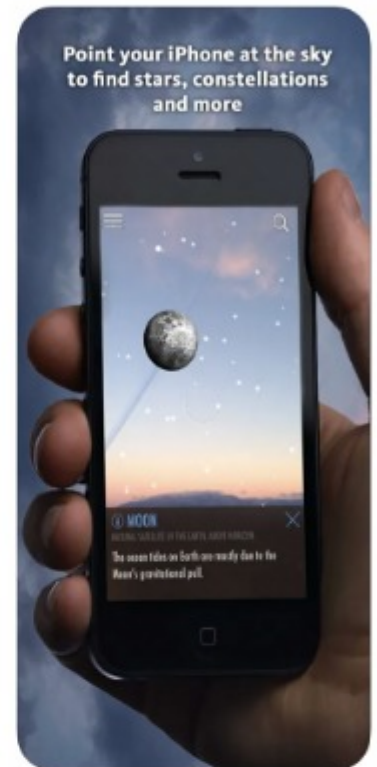
Chat GPT for Question Filtering
- If it returns bogus stuff treat as a general question
- If not connection treat as a general question

Khushi:
- music
- night mode
- search box for some location/start
- potential calendar option (how far in the future does the user want to look at? 10years? 5 years? 1 year? 1 month?)
- random facts on constellation & stars

SkyView® Lite [4+]
Explore the Universe
Terminal Eleven LLC

#35 in Education

★★★★★ 4.5 • 15.8K Ratings
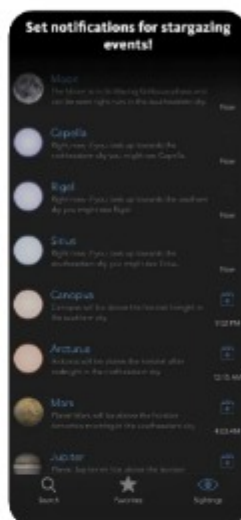
Free - Offers In-App Purchases

Screenshots iPhone iPad

AUTOMATIC UPDATES
When possible, SkyView automatically receives celestial object trajectory updates to always keep your view as accurate as possible.

TRACKS
Select any star, planet, or satellite, and see its path through the sky for a 24-hour period. Move the camera along this path and see when and where this object will be compared to your horizon.

SEARCH
Looking for the ISS? Trying to find the North Star? Want to witness a satellite flyby? Use the search feature to select an interesting object and then simply follow the arrow to find its location in the sky.

CHANGE THE DATE
Travel to the future or the past and see the sky on different dates and times.

SATELLITES
SkyView lets you spot popular satellites such as the International Space Station and Hubble. If you want even more satellites (over 17,000!) check out our brand new iOS app SkyView Satellite Guide!

PRESERVE YOUR VISION WITH NIGHT MODE

Turn on red and green filters to preserve your night vision when stargazing in low-light conditions. By removing all bright user interface controls and applying a red or green filter, you can stargaze at night for extended periods without blinding.

miro
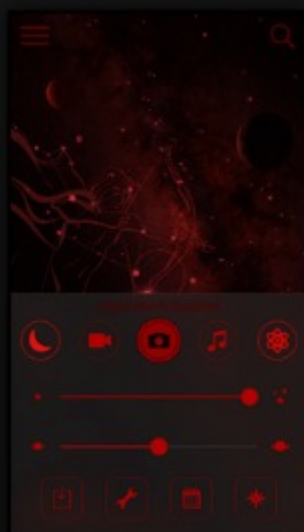
App Ideas

Shashank New Idea:
Planetarium/Astrology Based
- User asks a teller a question
- The teller directs them to look at the sky, and search for an area that they feel a pull towards
- Begin selecting stars
- From there based on the stars selected overlay a constellation
- Have the teller read out the meaning of the constellation, and from there explain what it means for them
  - Ex: An armadillo with a shield means they should be cautious and heed their decision

Use ChatGPT to classify the question as one of 4 types

Khushi New:
- stick to a simple 8ball or palm reading or something from the list of today's lec since in the lecture the prof mentioned to stick to fortune telling
- change the ui theme to armadillo; liked the idea shashank put in slack ("Also thought of one (more art/asset intensive) but kind of like the fortune cookie except theres a rolledup armadillo, and when it reveals the fortune it unrolls and reveals it was holding the little fortune strip")
-

Pramodya
- tarot card example
  - user picks some area in their life: job, relationships, ...
  - app picks 3 random cards (past, present, future) and explains their meaning, interprets in terms of the area they chose (multiple response banks)
  - ui of 3 cards being chosen
  - straightforward for how it works, just go along that path, but the visuals might be a pain to implement
  - could use ai tools to generate our own simple card designs

Andy:
- Ouijia board, "luigi board"
  - iffy part is that we can also talk about concurrent events and future

Aiden:
- Astrology app that tells how the day will go or how well their career or life is going to be based on their birthday time and location and their constellation.
- Can have stars and constellations as background and have special effects

Victor:
- Dating app
  - has the user to user interface
  - predicts compatiability between two people!
  - also funny as heck in a cs class.

miro

C Below are a paragraph of description for the tarot card "The Fool":
Expect the unexpected, in fact don't even expect that much. Today could be a wild ride, and you may instigate some of it in the spirit of fun, suggests the fool card. Play it safe and stay out of trouble if you can, but it could be hard at times. Don't fret over any little mistakes today. By tonight or at least tomorrow it may be hard to tell who made them if anyone even recalls them.

describe The Fool as if The Fool is an Armadillo, make the description connected with Armadillo's life.

The Fool is like an armadillo, always on the move and exploring the unknown. Just like how armadillos roam the vast open spaces of the Americas, The Fool sets out on a journey, without a set destination, relying only on their instincts and a sense of adventure. The armadillo is known for its armor-like shell, which serves as its protection from predators, just as The Fool's carefree attitude shields them from the judgment of others. However, like the armadillo, The Fool must learn to balance their spontaneity with caution, as the armadillo's slow movements remind us that sometimes, it's best to take it easy and appreciate the journey instead of just the destination.

Chi:
- One way to make the app more creative/funnier is to interpret all tarot card in an Armadillo's prospective.
- Using Armadillo(animal) terms for categories selection maybe? For example: Love Life -> Mating and Offspring, Health and wellness -> Survival

We would really need to decide which aspect of the app do we want to stand out (what would be our killing feature). Some possible fields that we may focus:
- Unique and Impressive tarot game **mechanism**
- Killing **User Interfaces** (including the design of cards, layout, etc)
- Accuracy of the **response** (reply with content that actually answering what the user is looking for)
- Fancy **User Experience** (Animation for flipping cards, transaction between pages,

Tarot Reading

KNIGHT of CUPS.

THE EMPRESS.

THE HIEROPHANT.

- what do we want to do after the initial meanings/card readings were given
- like this -> offer another reading, maybe go back and select the area of life again
  - maybe only allow the user to pick each area once per session -> makes it seem more believable bc being able to just get readings makes them feel less important
  - could maintain a search history so they can view their previous response for previous areas chosen

ANOTHER READING

miro

WHILE THINKING ABOUT YOUR PERSONAL SITUATION, PLEASE CHOOSE 3 CARDS. ONE REPRESENTS YOUR PAST, THE SECOND YOUR FUTURE, AND THE LAST YOUR DEAREST DESIRE.

I	XX	III	XII	VII
THE MAGICIAN	JUDGMENT	THE EMPRESS	THE HANGED MAN	THE CHARIOT

X	XIII	V	XVIII	XVIIII
THE WHEEL OF FORTUNE	DEATH	THE HIEROPHANT	THE MOON	THE SUN
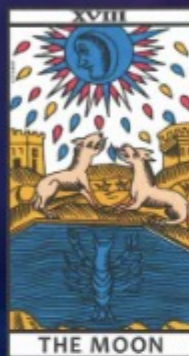
Chi:
Like the idea of fancy result page and connection with social media.
Different themes and storylines would be good, but add a lot more manual work for generating stories/design.

- some do it like this where you pick 10 cards, and then the user picks each of the cards for different categories
  - this one did "past, present, future", then "what you want to have by your side", and then challenges and difficulties
- feels more involved and thus specialized, more involved ceremony, but it might be a bit too long, user might get bored and less likely the believe the illusion

miro
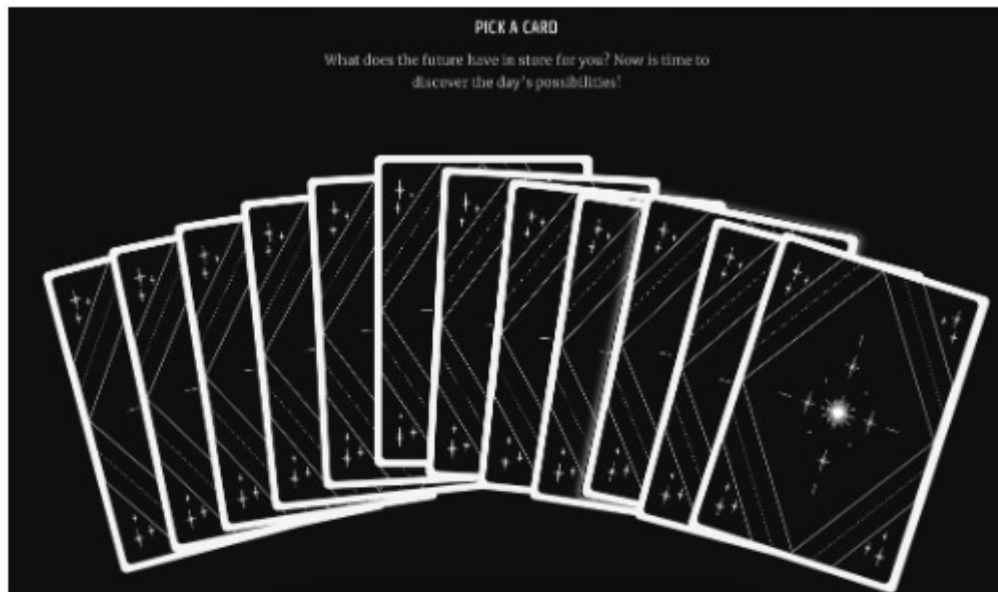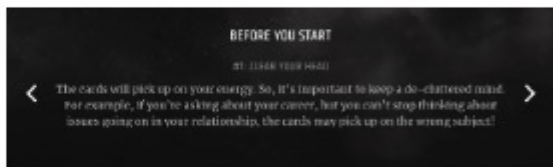
- good to have these tips to make it seem more believable, but it could clutter the layout/ui

would need to figure out if we want to have some kind of flip animation (idk how difficult that is to implement), or if it goes to another screen that explains the meaning
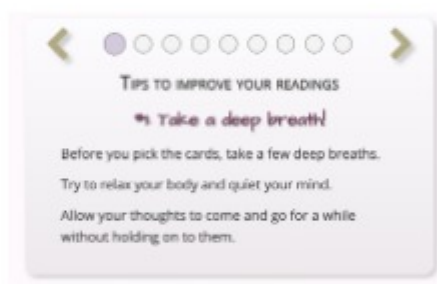
- could have the option to go to another "about" page that lists all of the cards and their general meanings
- make the page available both before and after the ceremony stuff, but not while

Major Arcana

Each of the 22 Major Arcana cards of the Tarot Deck are rich with symbolism, giving life to our Archetypal stages of enlightenment. Click on the links below to explore the Card Detail Pages for each Major Arcana card.

The Fool

The Magician

The High Priestess

The Empress

The Emperor

- the minimal designs look pretty cool
- we could go for either minimal, modern design or more of a old fashioned traditional cards
- its probably easier to make armadillo designs to look like the traditional cards, and i think it would look funnier

could use this way to implement astrology as well

TAROT | DAILY TAROT | RESULTS

The Fool

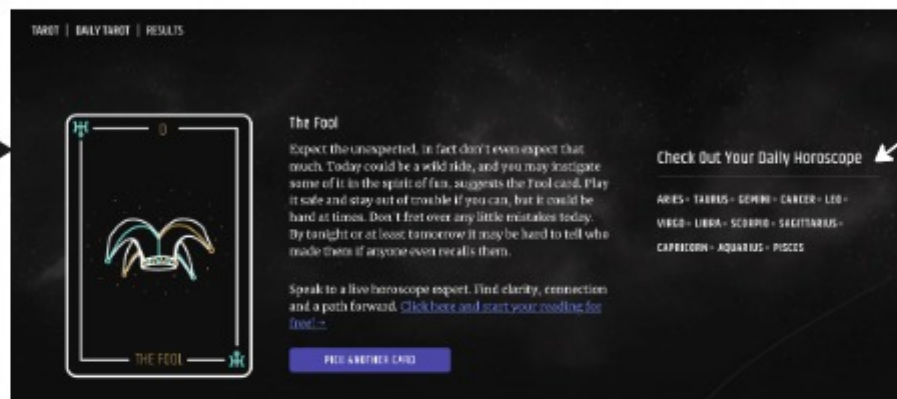Expect the unexpected. In fact don't even expect that much. Today could be a wild ride, and you may instigate some of it in the spirit of fun, suggests the Fool card. Play it safe and stay out of trouble if you can, but it could be hard at times. Don't fret over any little mistakes today. By tonight or at least tomorrow it may be hard to tell who made them if anyone even recalls them.

Speak to a live horoscope expert. Find clarity, connection and a path forward. Click here and start your reading for free! →

PICK ANOTHER CARD

Check Out Your Daily Horoscope

ARIES · TAURUS · GEMINI · CANCER · LEO ·
VIRGO · LIBRA · SCORPIO · SAGITTARIUS ·
CAPRICORN · AQUARIUS · PISCES

SAGITTARIUS DAILY HOROSCOPE

- i don't really know how astrology/zodiac stuff can be implemented with tarot
- astrology is more horoscopes
- unless we want to make it like one big equation taking the date, their sign, the area, the cards, ... and provides some future reading

Prior Products Research

Free fortune telling online

Yes or No Tarot
The most frequent way to get a clear answer.
more...

Love calculator
Online relationship calculation. New!
more...

The magic crystal ball
The crystal ball will answer any question that requires a clear answer (Yes/No).
more...

Willow of wishes and desires
The wished wish is a half-realized wish...
New!
more...

A lucky four-leaf clover
Do you believe in luck thanks to a four-leaf clover ?...
New!
more...

Dices
The moment of coincidence often determines our future. New version!
more...

Luck of matches
This prophecy comes from Old England. It is very easy and everybody can try it.
more...

Runes
Runes were carved on various things and they were said to have magical powers.
more...

A magical wordfind
Search quickly and take the first word you find.
more...

Magical sigil
Charge your inner energy and achieve your goals done with ease.
more...

legomenon

Ask the Magic 8 Ball Game

Dying to know the answer to a yes or no question about the future? Ask the Black Magic 8 Ball fortune teller! Concentrate on your question and then click the Magic 8 Ball to see your prediction! It's more accurate than you might think...

CLICK TO PLAY »

Basic 8-Ball app

Can have multiple supredictors, that are more specialized

miro

Rider-Waite-Smith Tarot Game

Click on the *Pull Card* yellow button below to select a card from the virtual shuffled pile and to place it beneath this section. Once the yellow button clicked, the card appears in the left upper corner of the section below in overturned mode. Click on the card to reveal its face side and drag it around. Once all desired cards are pulled, drag the cards by placing them in your favourite layout. You can add as many cards as you want.

Select: ● All cards ○ Major arcana only ○ Minor arcana only [Pull Card] [⟳]

Can include animations like card sliding in/poping up
GitHub - samia-mnn/tarot_reader1.0: A quick tarot reader app in HTML, CSS, and JS using Popmotion and data from https://www.kaggle.com

FREE ONLINE TAROT READINGS

Yes No Tarot Reading

If you need an answer or advice on something quickly, you can use a yes / no tarot reading.

GET TAROT READING

FREE ONLINE TAROT READINGS

Free Love Tarot Reading

This is a free love tarot reading that uses a special tarot spread we developed in order to understand your current love life situation, the path or actions you're taking, and where it's all leading.

GET TAROT READING

FREE ONLINE TAROT READINGS

One Card Tarot Reading

Use this simple One Card Tarot Reading as a small meditation to help you to focus on what surrounds you during your day.

GET TAROT READING

source: https://labyrinthos.co/pages/free-online-tarot-readings

miro

Free Tarot Card Reading

- LOVE TAROT
- CAREER TAROT
- DAILY TAROT
- YES OR NO TAROT
- BIRTH TAROT
- FINANCIAL TAROT
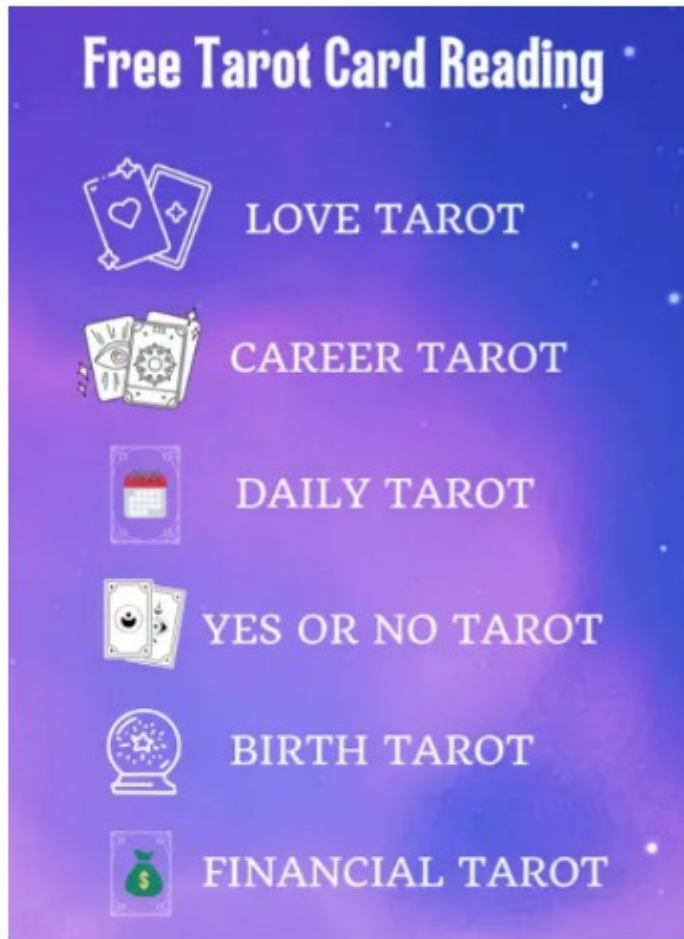
- could have multiple options like this, offers more versatility -> would need more responses
- yes or no -> good card vs bad card as an anwer, but they will be more vague
- one card -> how your current day will go
- love/relationships

- this is what the love reading looked like
- seems very vague to me, and also the easiest for people to immediately call BS on, so it may not seem as believable

Can include game-like component to have user randomly pull a card
GitHub - astrotarot-ca/itheobot: Open Source Web Application For Esoteric Card Games

Card	Title	Effect	Burn Color	Draw Chance
	The Tower	Causes an interaction and doubles all ghost activity for 20 seconds.	Blue	20%
	The Wheel of Fortune	The player gains 25% sanity if the card turns green, or loses 25% sanity if the card turns red.	Green (sanity gain) Red (sanity loss)	20%
	The Fool	Will appear as another card at first, before turning into The Fool as it burns. Its effect is applied when drawing this card.	Light Purple	17%, 100% during hunts
	The Devil	Triggers a Ghost Event towards the nearest player to the ghost.	Pink	10%
	Death	Triggers a cursed hunt.	Purple	10%
	The Hermit	Teleports the ghost back to its ghost room and traps it there for 1 minute. This does not affect hunts.	Cyan	10%
	The Sun	Fully restores sanity to 100%.	Yellow	5%
	The Moon	Instantly drops sanity to 0%.	White	5%
	The High Priestess	Revives a randomly chosen dead player at their corpse, if no one is currently dead. It will revive the next player who dies. Multiple cards do not stack. If a player dies during a hunt and is revived, they cannot be killed again in the same hunt.	Light Yellow	5%
	The Hanged Man	Instantly kills the player. This card will always turn into The Fool if the "Friendly Ghost" custom difficulty option is turned on.	N/A	5%

Chi:
Seems fun to add, but not sure how it can apply to the overall app.

Andy:
https://phasmophobia.fandom.com/wiki/Tarot_Cards
- A game called Phasmophobia has tarot cards in them where drawing one card triggers an event or changes the stats of the player
  - Event cards
  - Good/bad luck and also a greater/worse luck
  - The fool
- The game a card one at a time and whatever meaning the card has determines ones fortune/aspect in life
- The player can draw from the deck at most 10 times
- Probability wise, events are more likely to occur than positive than negative

Cheng:
https://www.7tarot.com/
- Different themes with different storylines
- Smooth transitions with visual effects that bring a sense of ceremony
- user picking cards and having conversation with the bot, for a more immersive experience
- Support and guidance page for new users
- A fancy looking result page for easy posting on social media

Khushi:

Learn Tarot Card Meanings | Tarot.com

maybe we can personalize the cards to be theme of armadillos? have different poses or environments or add costumes?
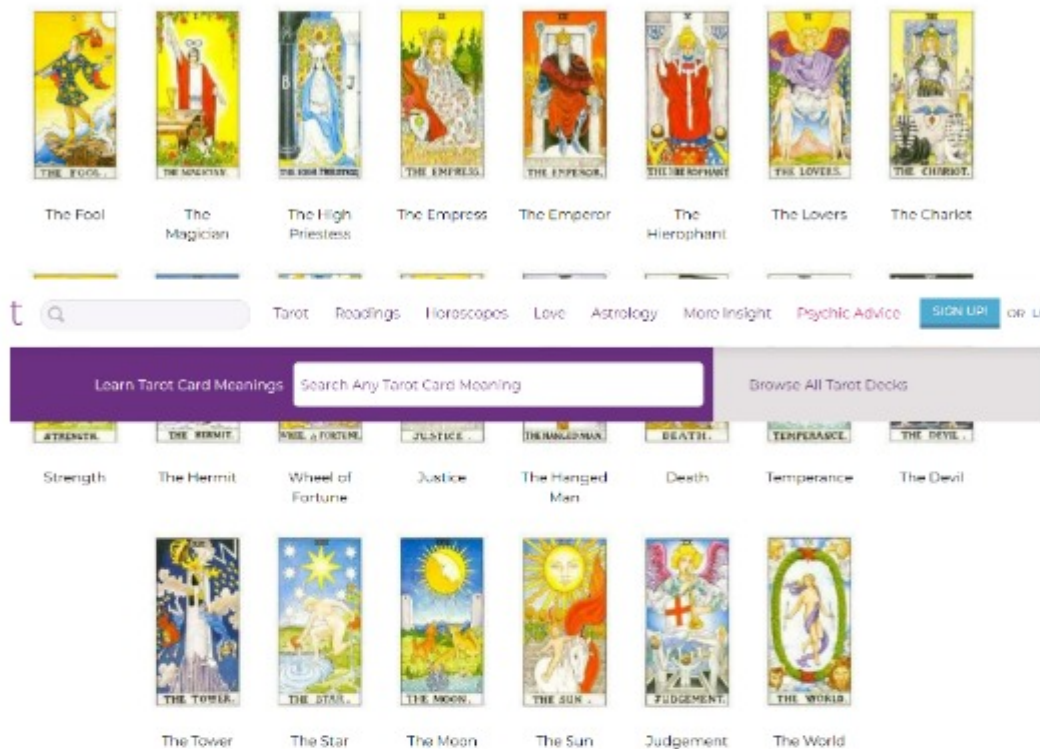
Chi:
Like the idea of personalizing card with Armadillo theme, but it may be hard to produce consistent styled Armadillos Tarot cards tho if using AI image gen tools

Major Arcana

The Major Arcana Tarot cards reveal messages about the big picture of your life and its long-term direction.

The Fool   The Magician   The High Priestess   The Empress   The Emperor   The Hierophant   The Lovers   The Chariot

Strength   The Hermit   Wheel of Fortune   Justice   The Hanged Man   Death   Temperance   The Devil

The Tower   The Star   The Moon   The Sun   Judgement   The World

The Wands

The Wands cards are about action, initiative, and invention. They help to guide how you move through your life, advising when to move and when to hold back.

Ace of Wands   Two of Wands   Three of Wands   Four of Wands   Five of Wands   Six of Wands   Seven of Wands
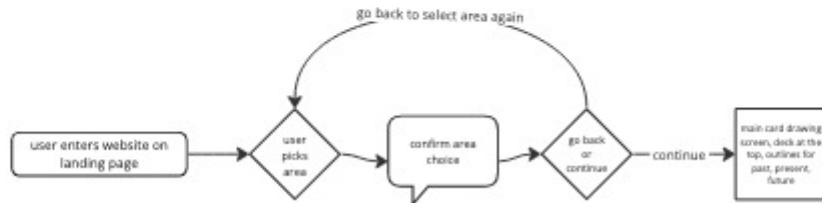
The Cups

The Cups cards represent your emotions, intuition, and relationships. They can guide you in love and help you understand and process your highest and lowest feelings.

Ace of Cups   Two of Cups   Three of Cups   Four of Cups   Five of Cups   Six of Cups   Seven of Cups

Idea for categories:

miro

Incomplete tentative diagram (feel free to add/change)

go back to select area again

```
┌─────────────────────┐        ◇ user    ◇ confirm area   ◇ go back    continue   ┌──────────────┐
│ user enters website │   →    picks      choice              or          →        │ main card drawing│
│ on landing page     │        area                        continue                │ screen, deck at the│
└─────────────────────┘                                                            │ top, outlines for│
                                                                                   │ past, present,   │
                                                                                   │ future           │
                                                                                   └──────────────┘
```

Main Points:
user selects area of life (work, relationships, etc), then picks 3 cards, explains meaning corresponding to the time (past, present, future) and area

Chi:
Agree that making animation for flipping cards is hard. But simple animation for selecting card and cloud/blur to uncover cards should be more feasible.
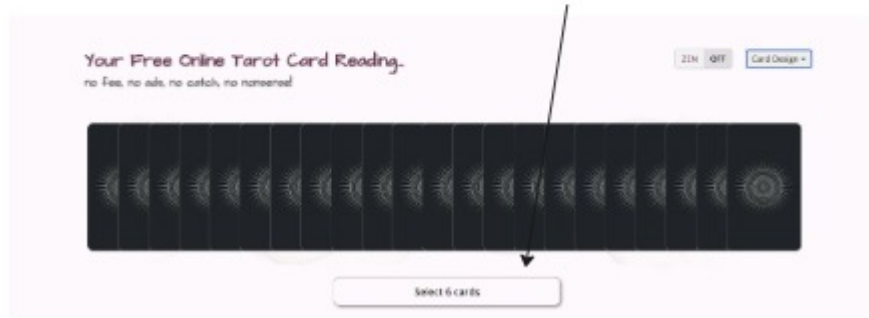
Issues:
the flip animation might be difficult, backup: select cards facedown and then move to another page, or have kind of cloud/blur/shimmer animation to uncover the cards

Definitely need: 13 card designs, areas (4-5), responses, search history,

Pramodya:

We could do it this way where the user selects the cards, but I think it might be easier to implement having a deck and the cards being "drawn"

5 areas x 3 times (past, present, future) x 13 cards = min 195 responses (but good to have double per each so responses isn't same, but also unlikely to get the same orientation twice so we'll see depending on time, could also just use AI tools to generate responses so it might not take long)

Your Free Online Tarot Card Reading.
no fee, no ads, no catch, no nonsense!

21h   OFF   Card Design ▾

Select 6 cards

most of the websites use the 13 major arcana cards, but also reversed -> would need double the amount of responses (we can see how many are feasible)

miro

Get the answers you need with this 3-card Tarot spread.

Enter your question or subject here (optional)

CHOOSE SITUATION CARD:

Shuffle Cards

CHOOSE A DECK

SELF   SITUATION   CHALLENGES

EIGHT OF CUPS

- could ask the user to think or "focus" on their question without actually having to type it?
- easy to implement, but feels a little unnecessary

- another option to doing "Past, Present, Future" we could do other options like this "Self, Situation, Challenges" but I think that might make the responses more vague and generic
- having different time senses are easier to create responses for

- the shuffle cards is there on many websites, we could implement it but maybe it wouldn't actually do anything, just give the illusion

- Has the option for multiple types of decks (different cultures/designs), but we'd have to make more designs

- should decide the order
  - pick the 3 cards, then explain the meaning of each
  - pick each card and explain them one by one
- which one makes it more mysterious and believable?

miro

Old Ideas

Andy:
- Intro page with music/animation
- "Tell us about yourself" to determine what your future is
- Ask a question like the ones in 8-ball
- Armadillo fortune teller
- Place: idk

Khushi:
- have a theme (like the team with the spongebob example)
- nav bar at the top for multiple pages
- sound effects
- animations
- maybe instead of the magic 8 ball images we can have our logo/armadillo or have the ucsd triton who predicts the answers in a thought/talking bubble
- randomized answers & delay time
- search history
- multiple language support like that one example in class that had chinese & english text
- answer for only actual questions (hard to figure out and implement maybe)

Victor:
- future predicting app, like the stock market predictor
- features include
    - make accurate predictions of the future
    - utilize current data, like current stock prices, to make a suggestion
    - music would be cool
    - voice assistant
- User's expectations aren't much. maybe just how aggressive they want to put their money in

Aiden:
- Give more information for the reply make it more believable
- maybe some secret mini-game that can be play on the page
- animation to shake the 8-ball
- user can choose how the 8-ball speaks like more cheerful or more mysterious
- Maybe user can ask question with voice

Pramodya
- music/animation before getting the response
- be able to switch between different profiles/voices depending on the theme
- some kind of history of responses and prompts
- maybe different language support, but that might make voices difficult depending on the theme we choose
- try to keep responses for similar questions the same so it seems more believable/consistent

Shashank:
- Show most recent query and answer from 8-ball on home page
- Selector for public or private 8-ball
- Make it look like Jarvis from Marvel using WebGL (might be a pain to create)

The Random Internet Stranger
- Users ask questions
- They can also answer other peoples questions as the "source trust me"

Chi:
BS Generator, like not only telling BS with text, but only generate images, sound and a lot of detail about a completely not true fact.
User should expect to be convinced by the shitty content
Features:
- old school formal layout, almost like a company website for a legal company
- smooth UX
- image gen, text gen and more
- chaotic content with convincing feeling

Want To Have Features:

Theme (Armadillo?)
- search history
- pick time in life
- a list of cards
- pick certain cards
- landing page will have different categories?
- career, love life, family, socials
- Personalized insights and analysis
- Different modes for categories of predictions (love, work, school, etc)

Cheng:
1. search history
2. sound and animation
3. customization of page themes
4. feature for quick posting on social media platforms
5. feedback and contact form
6. user registration and login system