

Fortune Cookie App Features

- **Adding different ingredients:** panda express style animations
 - Kind of like a “what superhero are you” quiz type feature
 - Change color / shape of fortune cookie depending on the selected ingredients?
 - Panda Ex style drag-n-drop to select & add ingredients
 - Pros: more interactivity and maybe even personalization
 - Cons: A lot more to implement
- **Customization of fortune cookie itself**
 - Again, more interaction
 - Not actually useful outside of customized features
 - Hard to implement art type stuff
- **Animation of cookie opening?**
 - Not sure if can animate
 - Need to configure animation
 - Maybe like two frames: closed then cracked open
 - Bag opening animation? (on click)
- **Sounds**
 - Site music and a cracking for the cookie
 - Shouldn't be too hard code wise
 - But sound adds more design choices in regards to music
 - Design choice: what kinda sounds?
- Deciding whether to make the fortune cookie more randomized or more personalized?
 - Randomization requires large bank of “fortunes”
 - **Personalization** requires user metrics and user entry
 - Maybe with randomization
- Maybe can do multiple fortunes
 - Could incorporate a tarot card type of things in the multiple fortunes?
- Cooking or ordering before getting the fortune cookie
 - Pros: Make the process more realistic
 - Cons: Since fortune telling is the focus, this process may be distracting
- Background image as a restaurant table with tablewares
 - Pros: Easy to implement and make the process more realistic
 - Cons: Could be too plain
- Gamification: we could have a day streak counter for every day you open your fortune.
 - Pros: nice little added feature that gives the user a reason to come back every day. **Ask Satvik**
 - Cons: not necessary and not a core feature.
- Secret Menu: add a secret menu for users to order through.
 - Pros: adds a layer of complexity to the app and would fit in well with the gamification idea. **Happy hour type**
 - Cons: not necessary for an MVP implementation.
- Easter Eggs? In line with the above secret menu suggestion

- Ex. factory issue: 1/x fortune cookies do not have a fortune inside
- Same order as developer? Multiple order jokes
- Add a clock in the background that actually displays the local time?
 - Could be put in background for restaurant clock
- Associate each ingredient with weights, output's positivity/negativity is determined by summing the weights
 - Straight forward to implement, could have multiple output arrays and weight sum determines which one to use
 - User could notice this trend and abuse it
 - Letting user know which ingredient is better luck goes both ways
 - Implementing randomness could be beneficial
 - Another solution is to make this a secret feature
 - Different output array can be associated with different fortune cookie designs
- Settings options (mute music, etc.)

ML API for personalized fortunes (recommendation system), daily streaks, character backstories

Screens:

First Screen: Start button and overall page modeled after club penguin

Instruction Screen/welcome (popup)

Food Selection screen - base, protein, sides. Total 9 ingredients.

Fake Payment Screen

Fortune Animation screen

Play again screen/button to redirect back to home

Loading screen:

Final Screen: Cookie Fortune

Start over button, instructions button, - for all screens