CockTail MVP

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Problem

- Lack of variety of the cocktails
- Difficulties with selecting ingredients for cocktails based on the customers' preferences
- No place for creativity in work of bartenders
- Choice of a cocktail falls entirely on an inexperienced client

Solution

Web application for general use:

- Generate cocktails by ingredients
- Pick up the existing cocktail by client desires
- Choose one of the most populars

Tech Stack

MixUp:

- Pandas
- NumPy
- Torch
- sklearn
- transformers

PickUp:

- Pandas
- Re
- OpenAI
- SciPy

FrontEnd:

- Flutter

Image Generator:

- openjourney

BackEnd:

- FastAPI
- Docker
- Nginx

Mix Up

CockTail
Mix Up!
Just give me your preferences, and I'll create the most interesting cocktail you've ever tasted.
Top 10
Check out top 10 cocktails rated by our users and developers!
Pick Up!
Find desired cocktail among existing ones.

Implementation (Mix Up)

1. MixUp takes “Include” and “Exclude” ingredients.
2. Next, based on user input ingredients, the algorithm selects the most suitable ingredients for a cocktail.
3. After that text model offers the recipe.

Pick Up

CockTail

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Implementation (Pick Up)

1. Firstly, we define cocktails' taste characteristics and alcohol strength by OpenAI
2. Then we create filter algorithm operating tastes vectors
3. After all, using openjorney we generate pictures

Top 10

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Look into our MVP!

https://cocktail.chickenkiller.com/