Name: Sip Happens Online

Description: Sip Happens Online is a web application that allows users to sign up and log in to add and view their cocktail drinks, there will be a central list containing all cocktails. Cocktails will have an ingredients section.
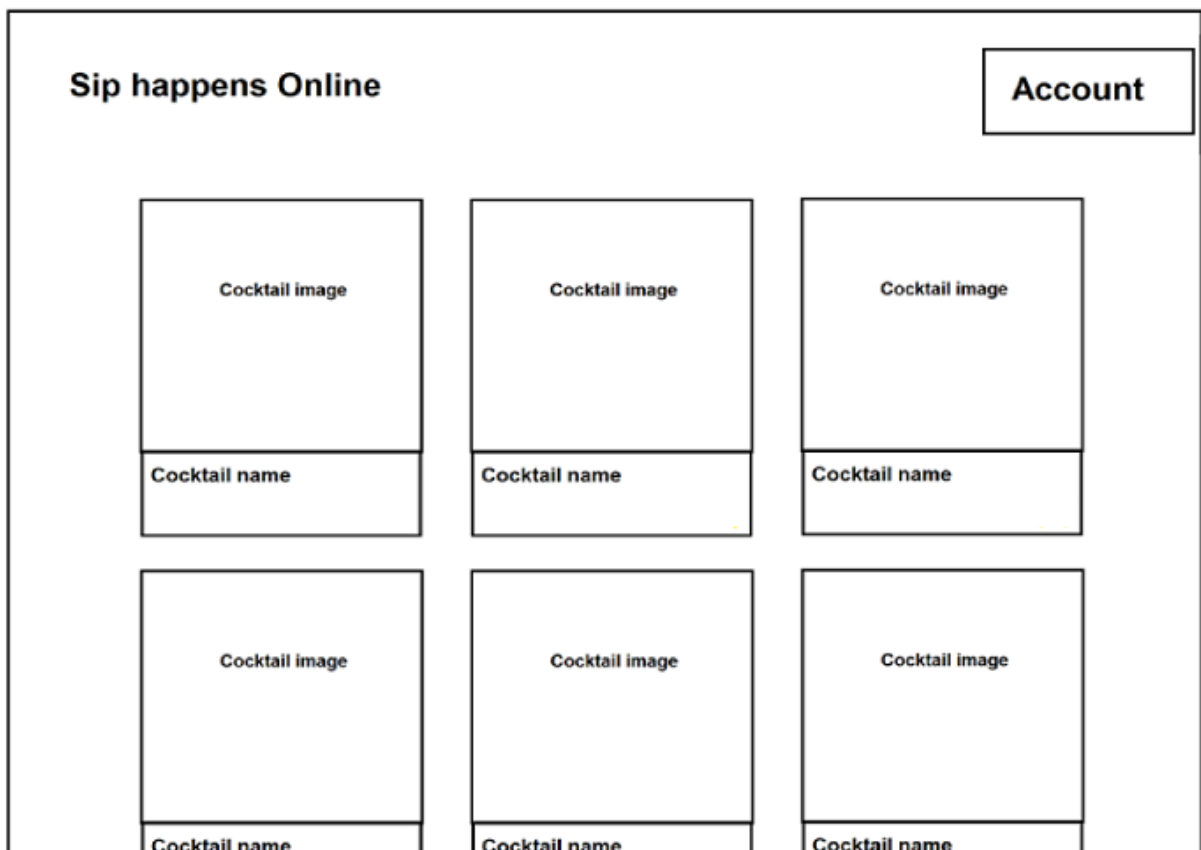
User Stories:

Story CocktailList:

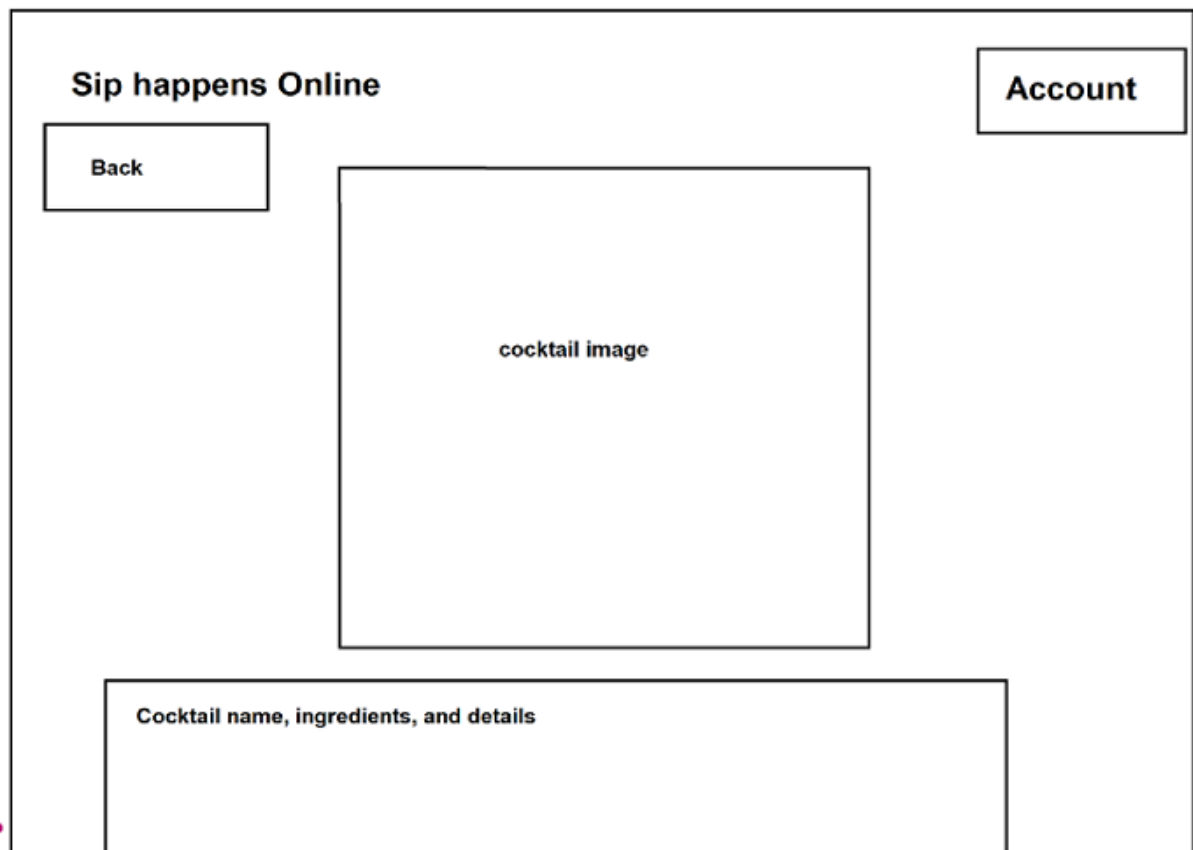As a user, I would like to be able to view the list of cocktails

I am able to look at all the cocktails and view their details

Mock up:

Homepage:

Cocktail details:

Sip happens Online

Account

Back

cocktail image

Cocktail name, ingredients, and details

Acceptance criteria:

- User can view cocktails on the homepage

- User can click on a cocktail to view its details like ingredients

Story AddCocktail:

As a user, I would like to be able to add a cocktail to the list

I am able to add my cocktails name,description , ingredients, strongness and possibly an image

Mock up:

```
cocktail name :
strongness   :
description   :

┌─────────────────────────────────────┐
│            Upload image             │
└─────────────────────────────────────┘


┌─────────────────────────────────────┐
│  ingredient one                   X │
├─────────────────────────────────────┤
│  ingredient two                   X │
└─────────────────────────────────────┘
                  ┌───┐
                  │ + │
                  └───┘

┌──────────────────┐   ┌──────────────────┐
│     Cancel       │   │       Add        │
└──────────────────┘   └──────────────────┘
```

Acceptance criteria:

- User can add a cocktail and specify its details

- The cocktail is then added to the existing list of cocktails

- New ingredients are added to the ingredient list

Story: RegisterUser

As a user,
I would like to be able to register for an account,
So that I can access personalized features such as adding cocktails, and tracking my activity.
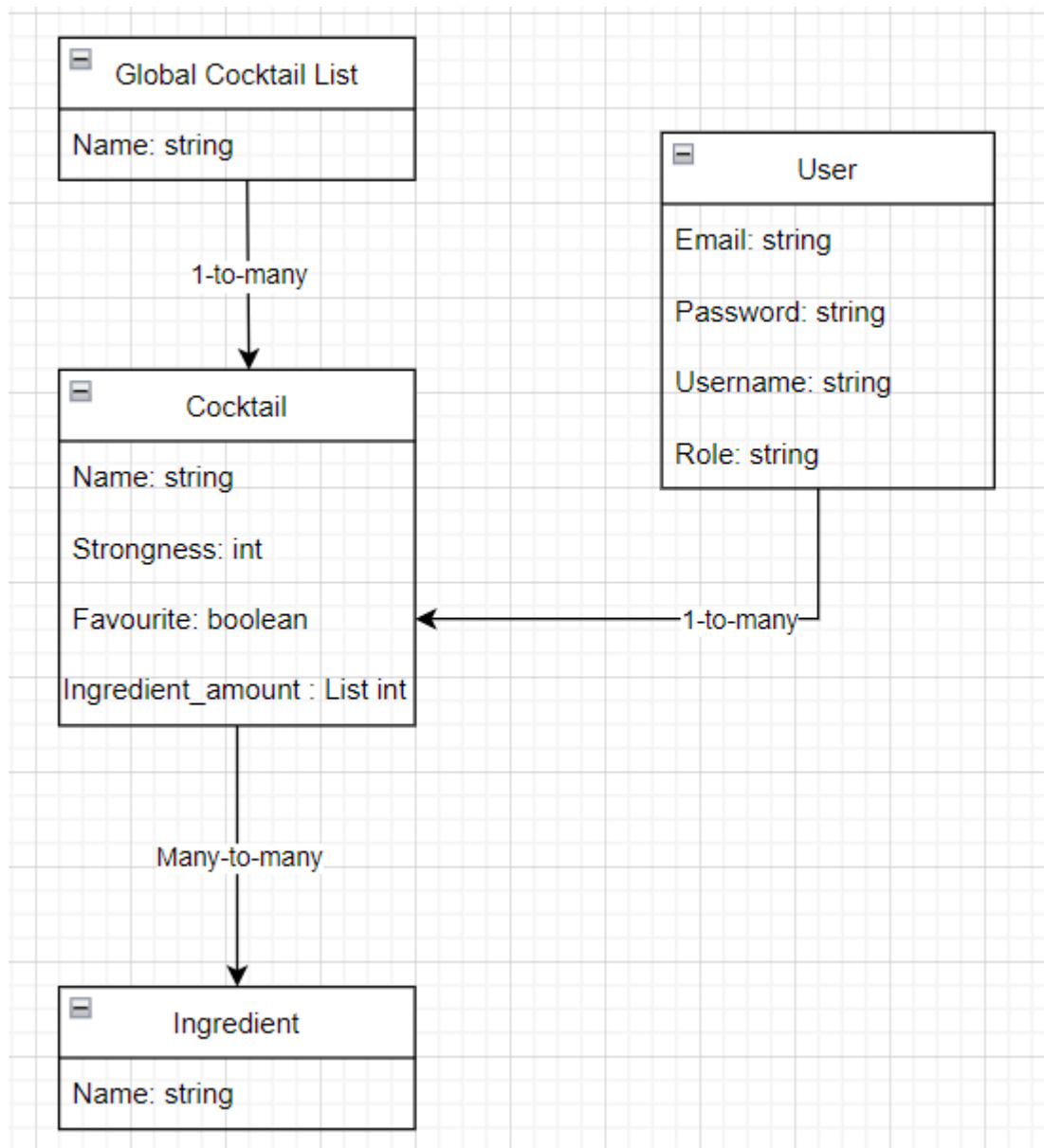
Mock-up:

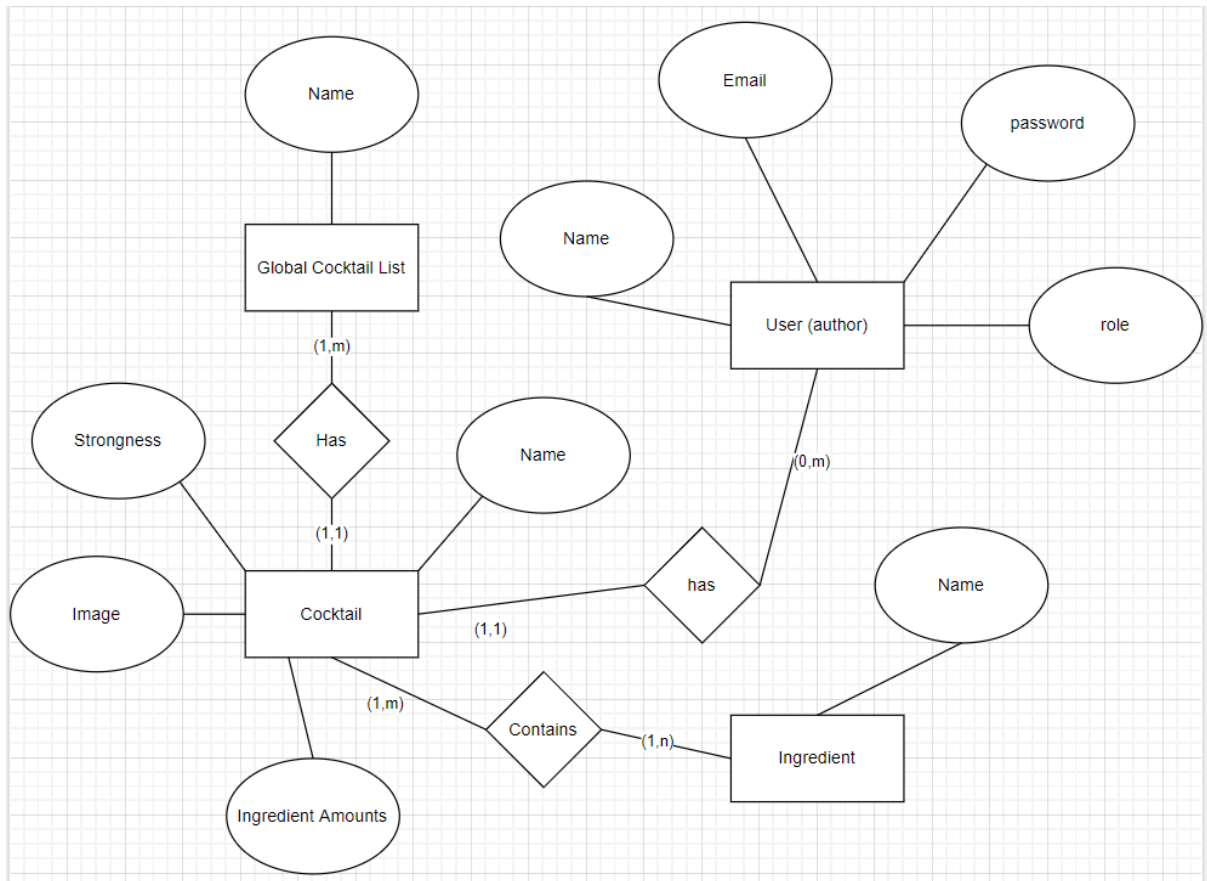| Name |
| --- |
| |
| Email |
| |
| Password |
| |
| Role |
| |

Submit

Acceptance Criteria:

1. The user can access a registration form with the following fields:
   - Username (required)
   - Email (required)
   - Password (required, with validation for strength)
   - Password Confirmation (must match the password field)
2. The registration form validates the input and provides error messages for:
   - Missing required fields
   - Invalid email format
   - Password mismatch
3. Upon successful registration:
   - The user receives a confirmation message.
   - The user is redirected to the login page or logged in automatically.
4. User data is securely stored in the database with encryption for passwords.
5. Duplicate registrations using the same email are prevented, and appropriate feedback is provided.

Domain Model:

Global Cocktail List

Name: string

↓ 1-to-many

Cocktail

Name: string

Strongness: int

Favourite: boolean

Ingredient_amount : List int

User

Email: string

Password: string

Username: string

Role: string

← 1-to-many

Many-to-many

↓

Ingredient

Name: string

Conceptual Model:

Name — Global Cocktail List

Global Cocktail List — Has (1,m) / (1,1) — Cocktail

Strongness — Cocktail

Image — Cocktail

Name — Cocktail

Cocktail — has (1,1)

Cocktail — Contains (1,m) / (1,n) — Ingredient

Ingredient Amounts — Cocktail

Name — Ingredient

User (author) — has (0,m)

Email — User (author)

password — User (author)

role — User (author)

Name — User (author)

Logical Model:

User

PK	user_id
	email : string
	password : string
	username : string
	Role : string

Cocktail

PK	cocktail_id
	name : string
	strongness : integer
	ingredient_amount : int list
	image : image/string

Ingredient

PK	ingredient_id
	name :string
	amount :integer

CocktailIngredient

PK	CocktailIngredientId
FK	CocktailId
FK	IngredientId