Project Analysis

Grab & Go

We want to create a app where a user could login and shop for various items, these items belong to different categories like:
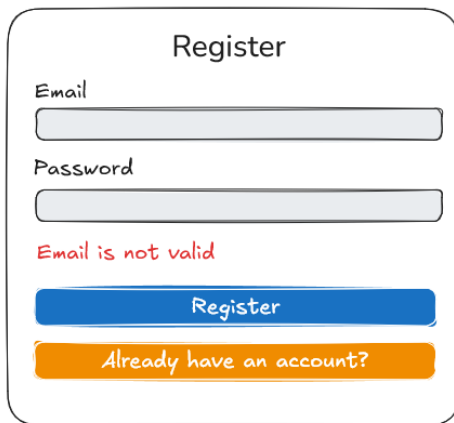
- Clothing
- Food
- Diary
- Toys

Story Mapping

STORY 01 - REGISTER USER

As a user

I want to be able to register myself

So that I can later login to the app

Wireframe

Acceptance Criteria

- A user should be able to create an account
- You should get an error message when passwords don't match
- You should get an error message when the email is already registered
- After registering a new account, the user is redirected to the login page

STORY 02 - LOGIN WITH JWT

As a user

I want to be able to login to the app

So that I can use the app

Wireframe

Acceptance Criteria

- A user should be able to login to the app
- This should be implemented with JWT auth
- You should get a error message when the credentials don't match
- After logging in, the user should get redirected to the home page where they can create a shopping list

STORY 03 - RETRIEVE ALL PRODUCTS

As a admin
I'm able to get a list of all products available
So that I manage the products in the database

Wireframe

Admin Item Overview Page

Name	Price	Category	Image	Actions
Banana	1.99	Fruits		•••
Milk	2.99	Dairy		•••

Acceptance Criteria

- A table of products is displayed
- All products have their properties displayed; the image should be showed with a link to it
- There should be a add nutrition label column with update / add.
    - This should lead to a form that adds/updates the nutrition label

STORY 04 - RETRIEVE ALL USERS

As a admin
I'm able to get a list of all users that are registered
So that I have a overview off all the users

Wireframe

Admin User Overview Page			
Id	Email	Role	Actions
1	mail@mail.com	Admin	•••

Acceptance Criteria

- A table of users is displayed
- the table should have a **email**, **role**, **created At**, **updated At** and a **actions** column to be filed in with data

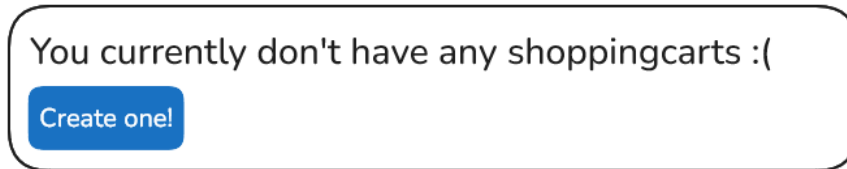**STORY 05 - CREATE SHOPPING CART**

As a user
I'm able to create a shopping list
So that I can add items to it

Wireframe

You currently don't have any shoppingcarts :(

Create one!
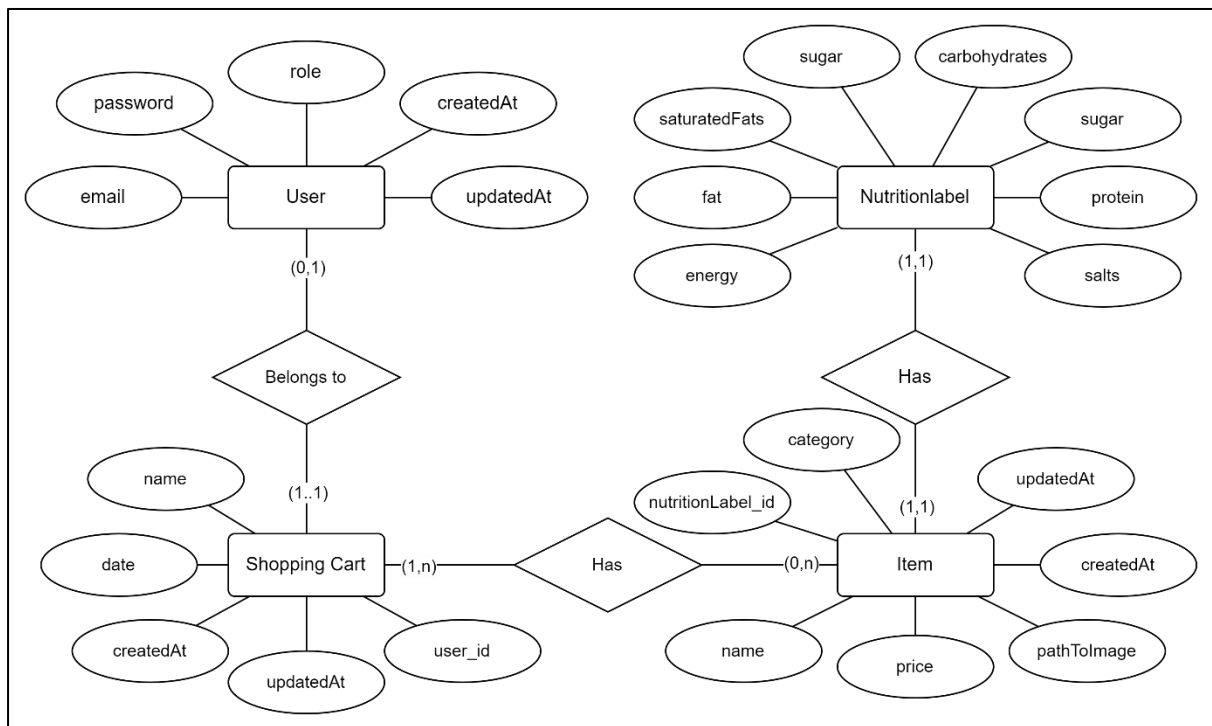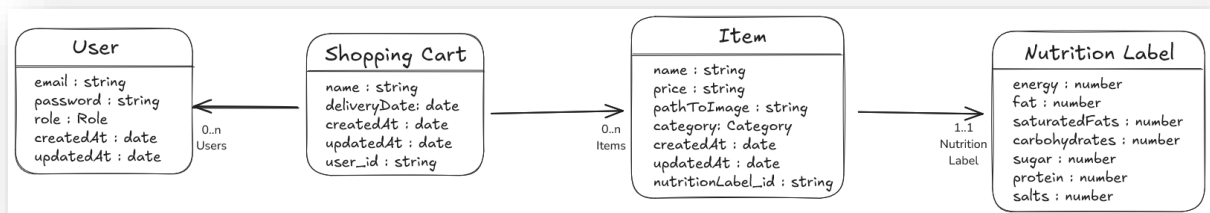
Acceptance Criteria

- A button is displayed to add a shopping card even if the users already have shopping carts
- All users should be able to create shopping carts

Conceptional Model

Domain Model

Logical Model

Shopping cart

PK	**UniqueID**
	name
	date
	createdAt
	updatedAt
FK	userId

1..1
Shopping cart

1..n
Shopping Card

1..1
Cart Item

Cart_Item

PK,FK1	**ShoppingCartID**
PK,FK2	**ItemID**
	Quantity

1..1
Cart Item

User

PK	**UserID**
	email
	password
	role
	createdAt
	updatedAt

1..n
User

Item

PK	**UniqueID**
	Name
	Price
	PathToImage
FK	NutritionLabel_ID
	createdAt
	updatedAt

0..n
Items

1..1
Item

1..1
Nutrition
Label

Nutrition Label

PK	**UniqueID**
	Energy
	Fat
	SaturatedFats
	Carbohydrates
	Sugar
	Protein
	Salt