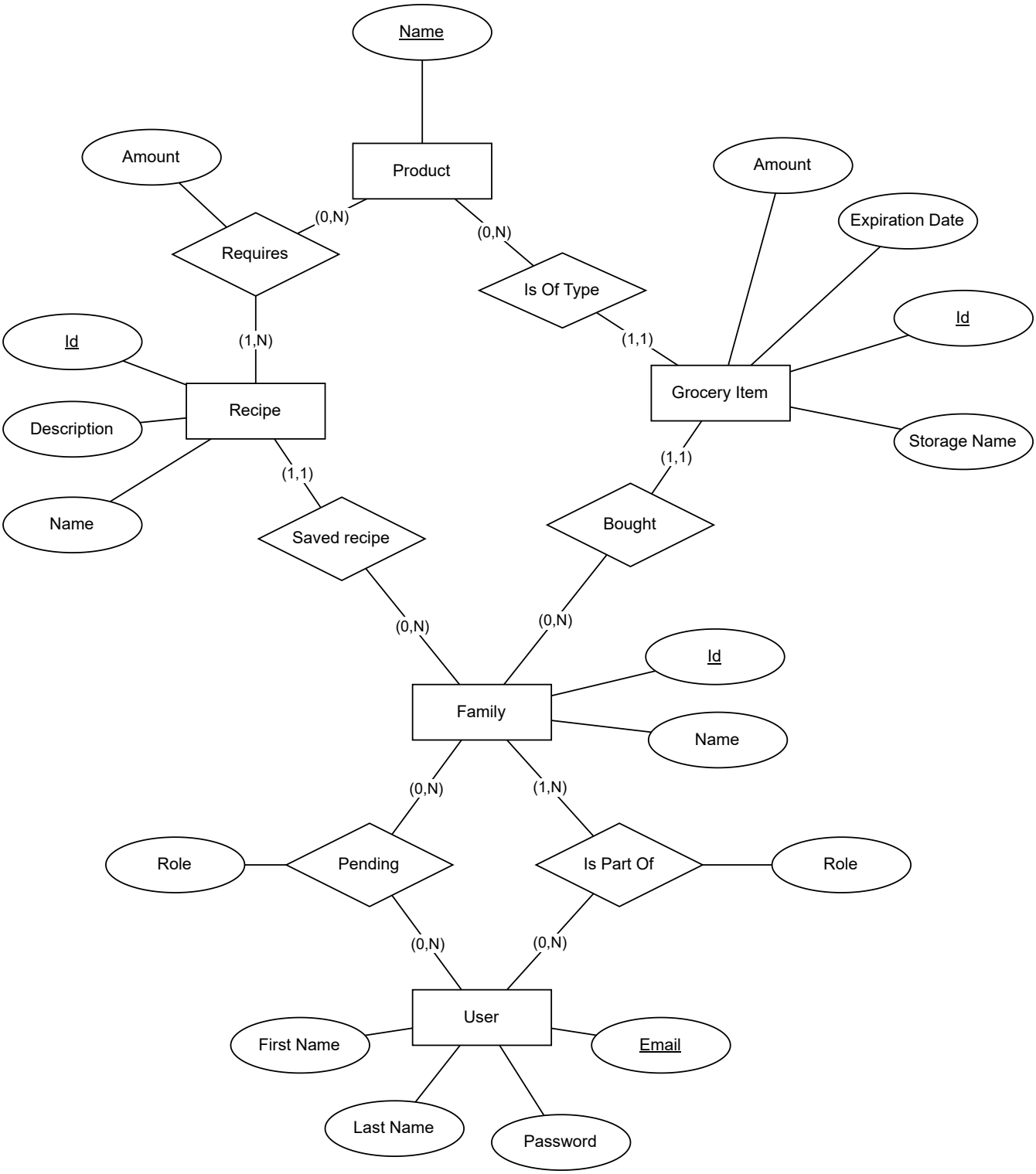
Fullstack Project Pitch

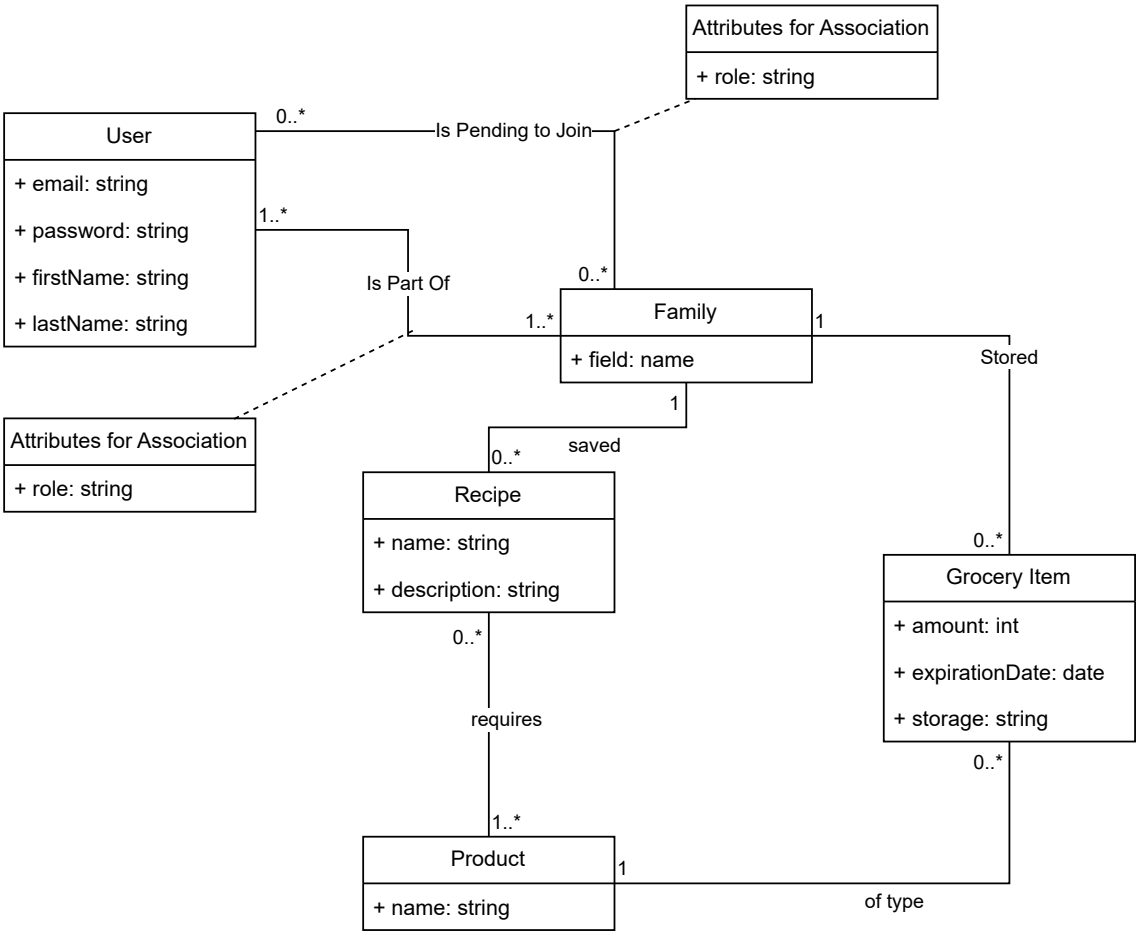
Titel

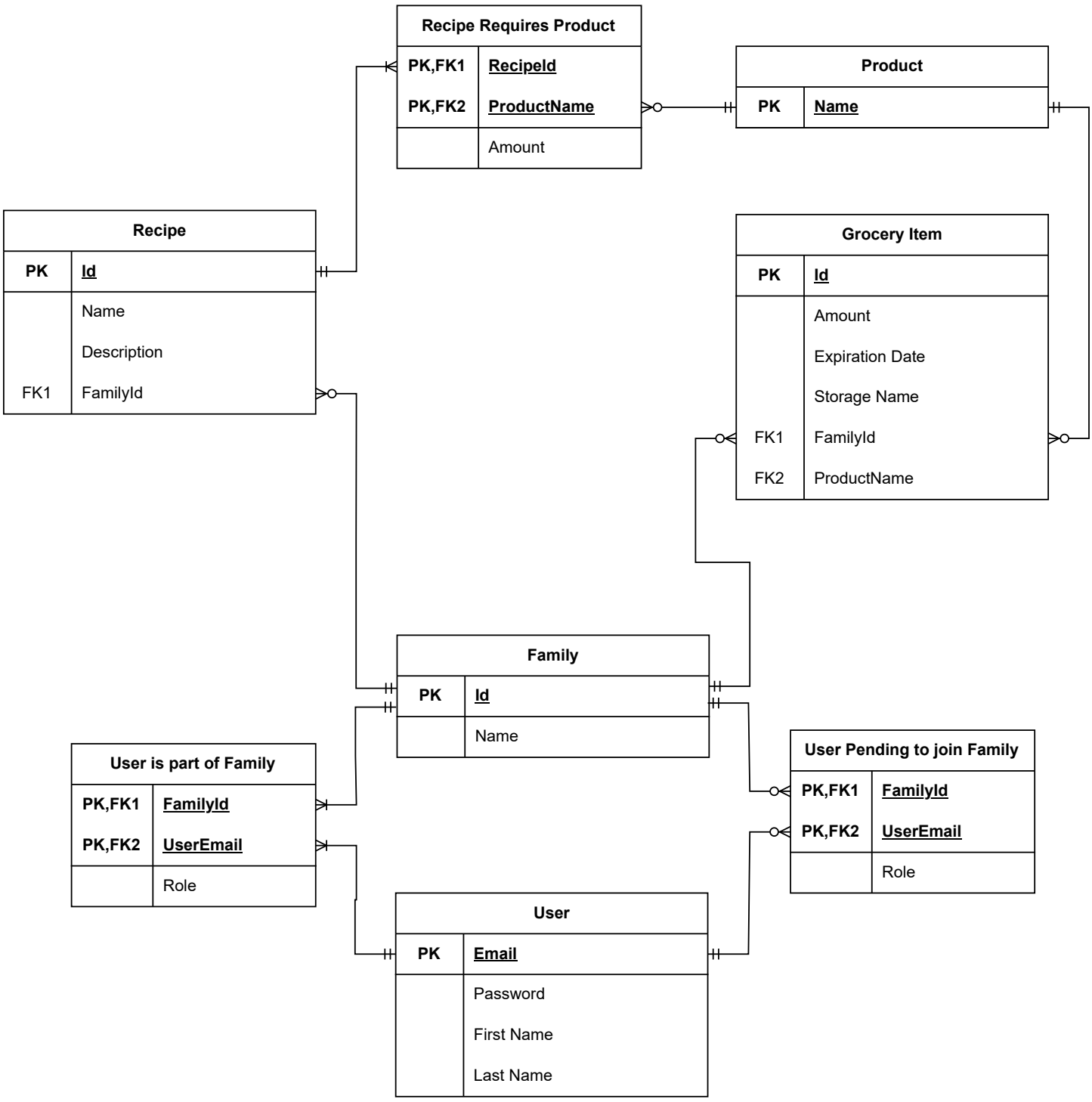
FreshTrack

Beschrijving

FreshTrack is een webapplicatie om alle voeding in je huis bij te houden zodat je een overzicht hebt van alle voedingsartikelen en hun vervaldata in je huishouden. Verder kan je ook gewaarschuwd worden wanneer bepaalde artikelen hun vervaldatum naderen. Gebruikers kunnen zich ook in een gezin registreren en kunnen dan daarbinnen, afhankelijk van hun permissies, artikelen verwijderen en toevoegen. Ten laatste kan een gebruiker ook recepten toevoegen die de hele familie kan zien. Gebruikers kunnen zich ook in meerdere families registreren en recepten van de ene familie naar de andere kopiëren.


Name
Product
Amount
Requires
(0,N)
(0,N)
Is Of Type
Amount
Expiration Date
Id
(1,N)
(1,1)
Id
Recipe
Grocery Item
Description
Storage Name
(1,1)
(1,1)
Name
Saved recipe
Bought
(0,N)
(0,N)
Id
Family
Name
(0,N)
(1,N)
Role
Pending
Is Part Of
Role
(0,N)
(0,N)
User
First Name
Email
Last Name
Password


Attributes for Association
+ role: string
User
+ email: string
+ password: string
+ firstName: string
+ lastName: string
0..*
Is Pending to Join
1..*
Is Part Of
0..*
1..*
Family
+ field: name
1
Stored
1
saved
0..*
Attributes for Association
+ role: string
Recipe
+ name: string
+ description: string
0..*
requires
1..*
Product
+ name: string
1
of type
0..*
Grocery Item
+ amount: int
+ expirationDate: date
+ storage: string
0..*

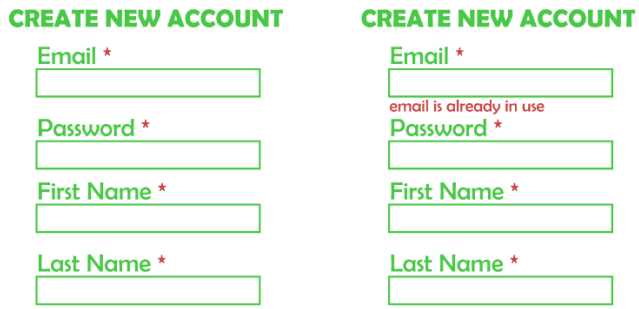

Recipe Requires Product
PK,FK1 RecipeId
PK,FK2 ProductName
Amount
Product
PK Name
Recipe
PK Id
Name
Description
FK1 FamilyId
Grocery Item
PK Id
Amount
Expiration Date
Storage Name
FK1 FamilyId
FK2 ProductName
Family
PK Id
Name
User is part of Family
PK,FK1 FamilyId
PK,FK2 UserEmail
Role
User Pending to join Family
PK,FK1 FamilyId
PK,FK2 UserEmail
Role
User
PK Email
Password
First Name
Last Name

User stories

Story: register user

As a user I am able to create an account so that I can log into the application.

Wireframe



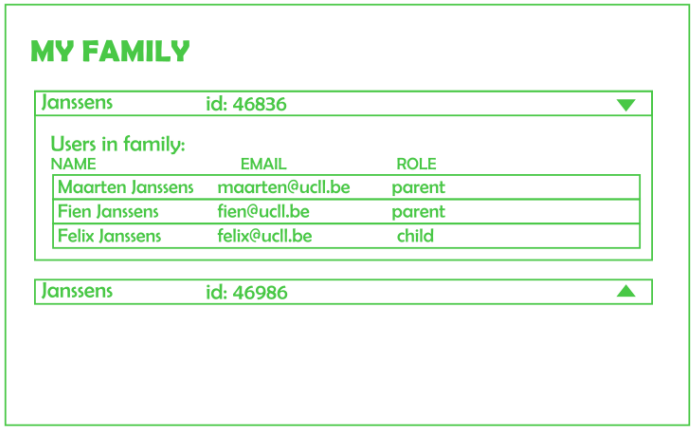
Acceptance criteria

- When a new user creates an account, the user and profile are registered
- When an email-address that's already in use is entered, an error message is displayed

Story: Family overview

As a user I am able to view my family/ families.

Wireframe



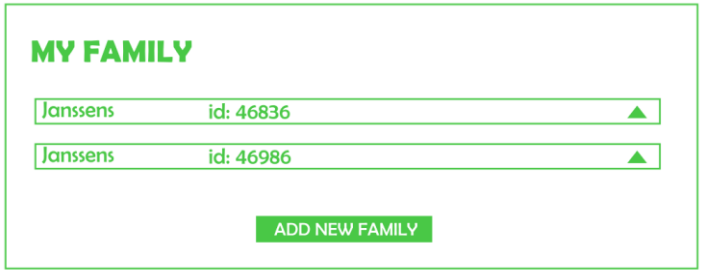
Acceptance criteria

- A “family” page is added
- On the page a list for each family (and family ID) that the user belongs to is displayed. Every other family member is visible in the respective family’s list. Pending joining requests are displayed as well

Story: Register family

As a user I am able to create a new family.

Wireframe



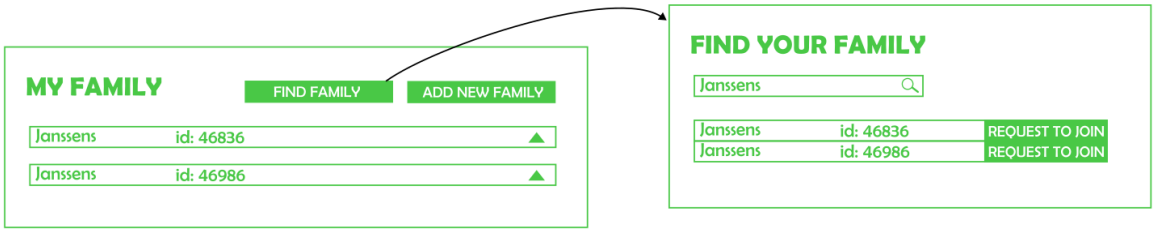
Acceptance criteria

- On the “family” page, a button to create a new family is added
- When a user adds a new family, the family is registered

Story: Join family

As a user, I am able to search in the list of registered families and join a family.

Wireframe



For wireframe of pending users in a family, see Story: Family Overview

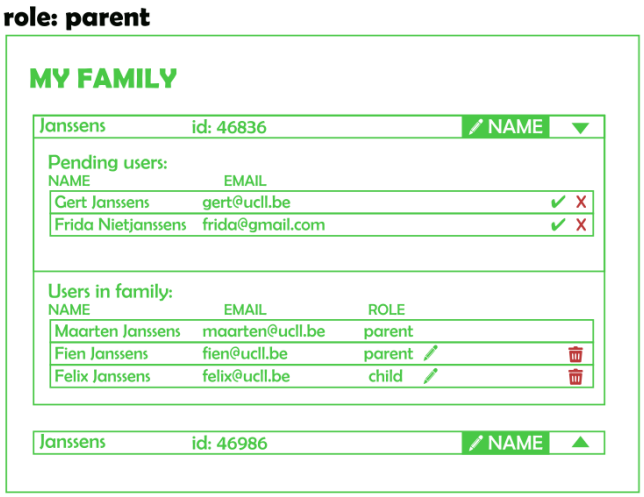
Acceptance criteria

- A search bar is added to the family page
- A user can click a button to join a family
- When a user joins a family, they are automatically assigned the “child” role

Story: Pending request

As a parent I can see pending requests of users trying to join my family so that I can either deny or accept them.

Wireframe



Acceptance criteria

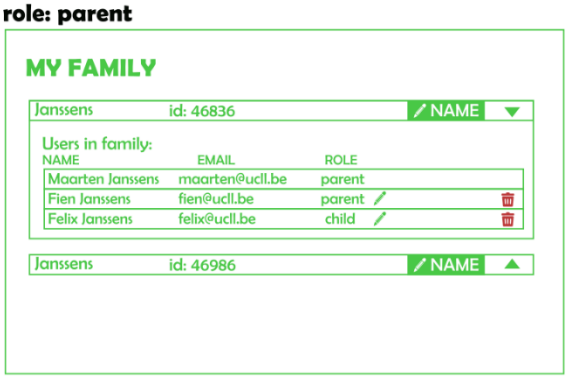
- When a user clicks the “request to join” button, they appear in a “pending” list visible for the parents of the family
- The parents of the family have a “deny” and “accept” button to respectively deny or accept the user

Story: Edit family

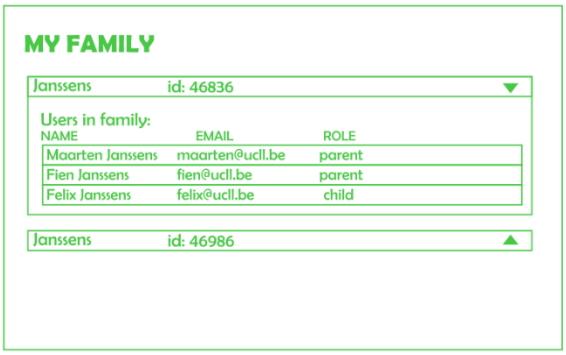
As a parent I can delete users from my family, change their roles and edit the family name.

Wireframe

role: parent



role: child



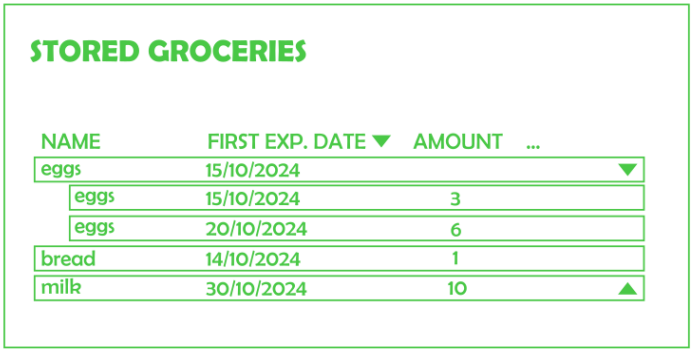
Acceptance criteria

- An “edit” button is added to each member in the parent’s family overview, with which it is possible to change said member’s role
- A “delete” button is added to each member in the parent's family overview, with which it is possible to remove a member from the family
- An “edit” button is added next to the family name so a parent can change the family name

Story: display items

As a user I can see a list of all my family's registered items.

Wireframe



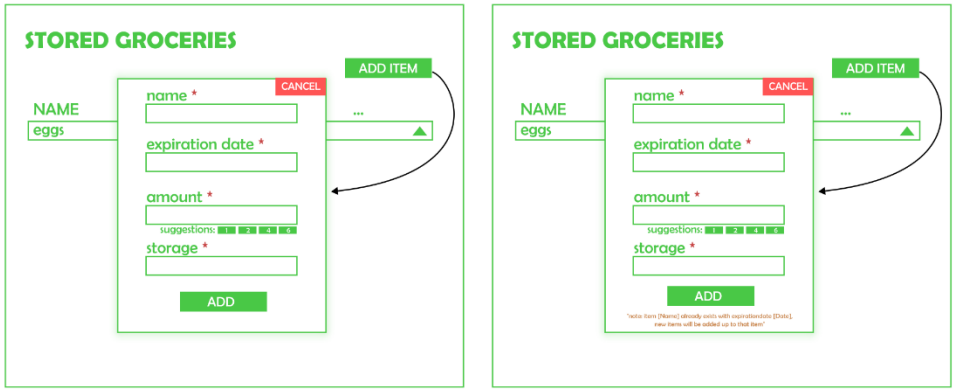
Acceptance criteria

- A page that fetches items from the back-end is added
- The page updates when an item is changed, added or removed
- When there are more than one of the same item with different expiration dates, a collapsible menu appears with the different expiration dates, so the amount can be increased/decreased per expiration date

Story: register item

As a user I am able to register an item to my family with an amount and an expiration date.

Wireframe



The "..." means that these columns are not final yet, and more might still be added

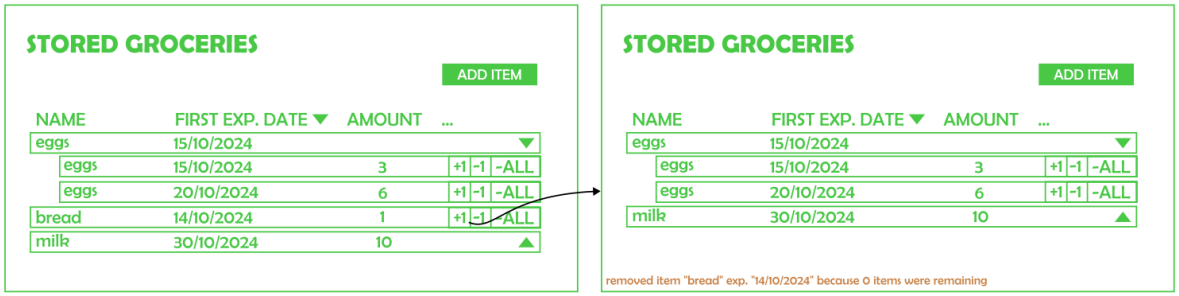
Acceptance criteria

- The item list page has an "add" button that the user can use to add a new item
- When a user adds a new item, a new item is registered
- When an item with the same name and expiration date is entered, a suggestion to change the amount of an existing item instead is displayed

Story: increase/decrease items

As a user I am able to decrease and increase the amount of a registered item.

Wireframe



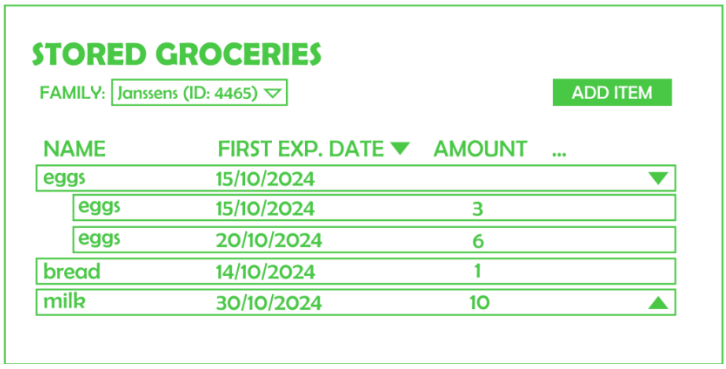
Acceptance criteria

- On the item list page, the listed items get + and – buttons
- An increase or decrease in the amount of a registered item is registered
- When an item has an amount of 0, it is automatically removed and a notification temporarily appears.

Story: switch between families

As a user in different families, I can select from which family I can see the items in my item overview

Wireframe



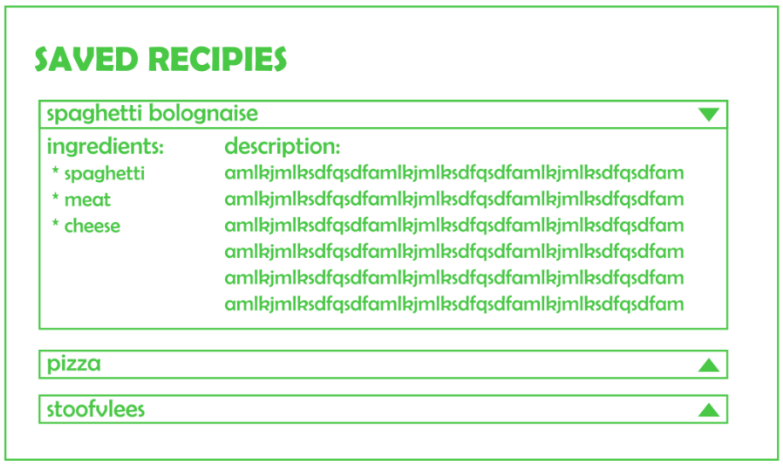
Acceptance criteria

- A dropdown menu “family” is added to the item overview, so the user can select any of the families they are in.
- When a family is selected, said families’ items are displayed in the item overview

Story: recipe overview

As a user, I can see an overview of all the family's recipes.

Wireframe



Acceptance criteria

- A "recipes" page is added
- On the "recipes" page, an overview of the recipes of the user's family are displayed

Story: swap between families' recipes

As a user, I can switch between the recipes of all the families I am in.

Wireframe

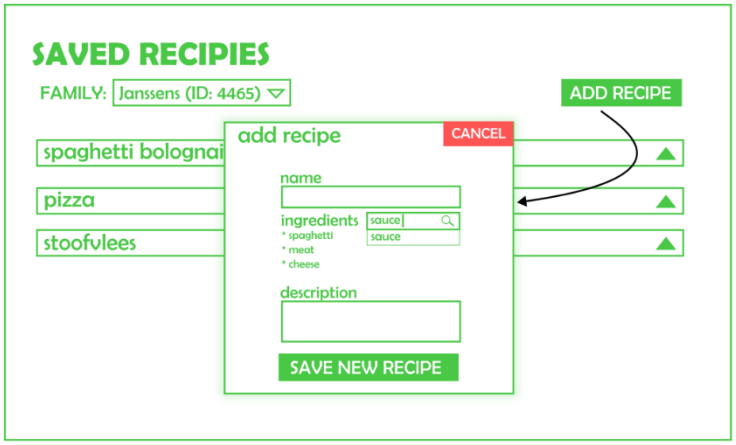
Acceptance criteria

- A dropdown menu "family" is added to the recipe page so the user can select from the families they've joined
- When the user selects a family, said families' recipe page is displayed

Story: create recipe

As a parent I can create a new recipe with a name, description and the required products to make it.

Wireframe



Acceptance criteria

- An “add” button is added to the parent’s recipe overview
- When the parent, clicks the “add" button, a menu to create a recipe with a name, description and the required products is displayed
- When adding ingredients to a recipe, a search bar to search a list of all registered products is displayed.
- When a product that isn’t yet registered gets added to the ingredient list, the product automatically gets registered
- When a new recipe is made, it gets added to the family overview

Story: delete recipe

As a parent, I can delete recipes from my family's recipe overview.

Wireframe

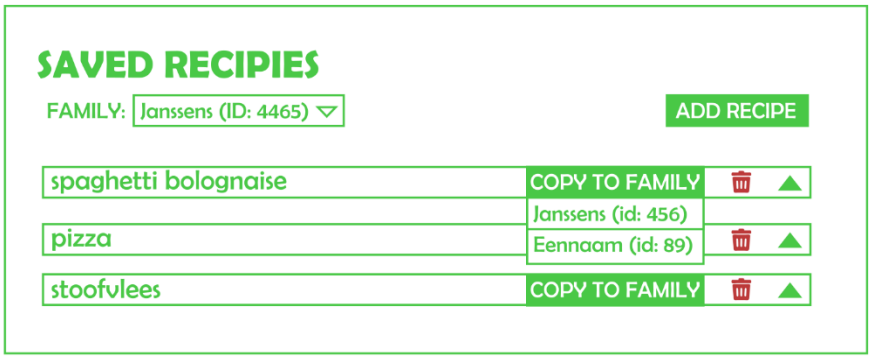
Acceptance criteria

- A "delete" button is added to each recipe in the recipe overview
- When the button is pressed, the recipe is deleted

Story: copy recipe

As a user in multiple families, I can copy recipes from one family to another.

Wireframe



Acceptance criteria

- A “copy to” dropdown menu is added to each recipe with all other families the user is in
- When a recipe is copied to another family, it shows up in that families’ recipe overview

Ideas for potential future stories*

*Depends on time

- Add recipe suggestions for almost expired items