

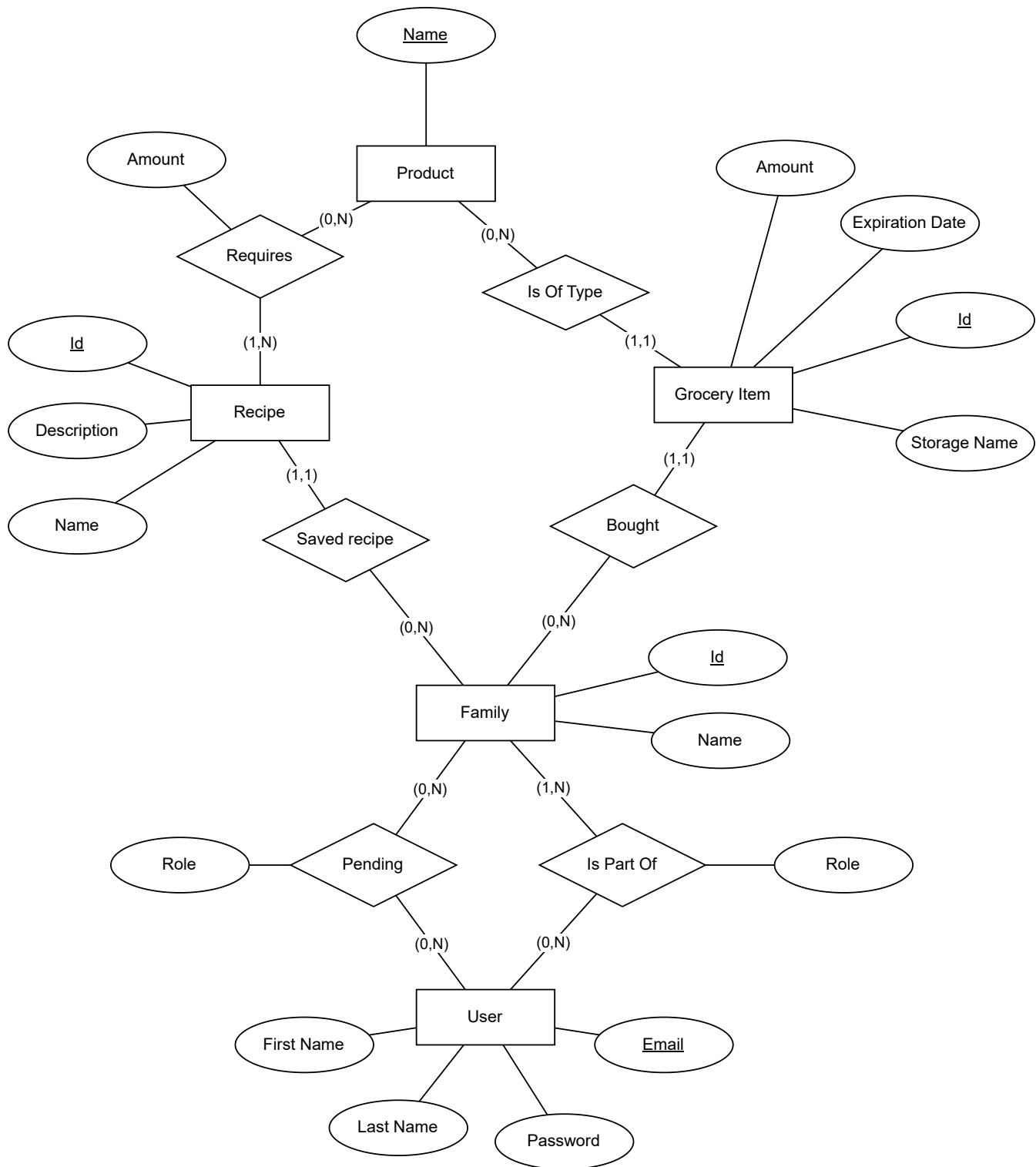
# Fullstack Project Pitch

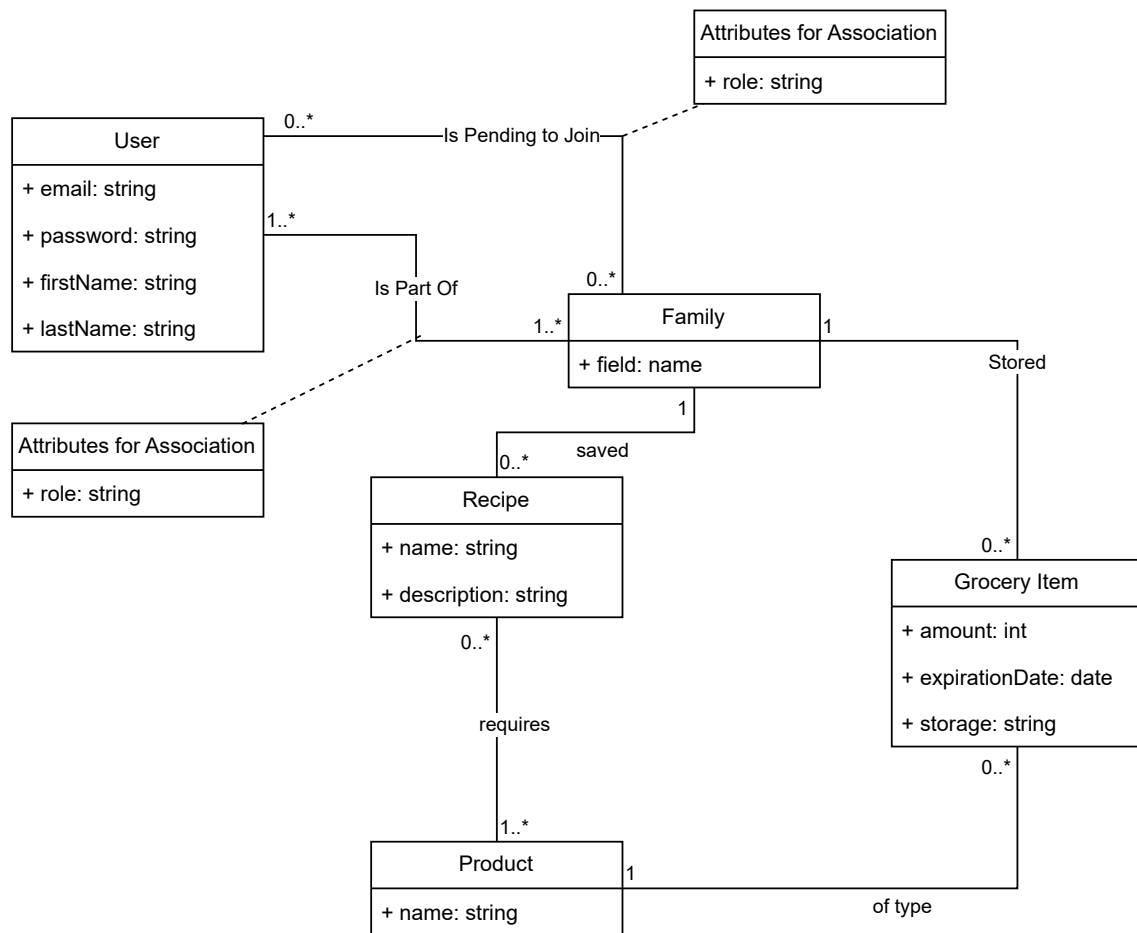
## Titel

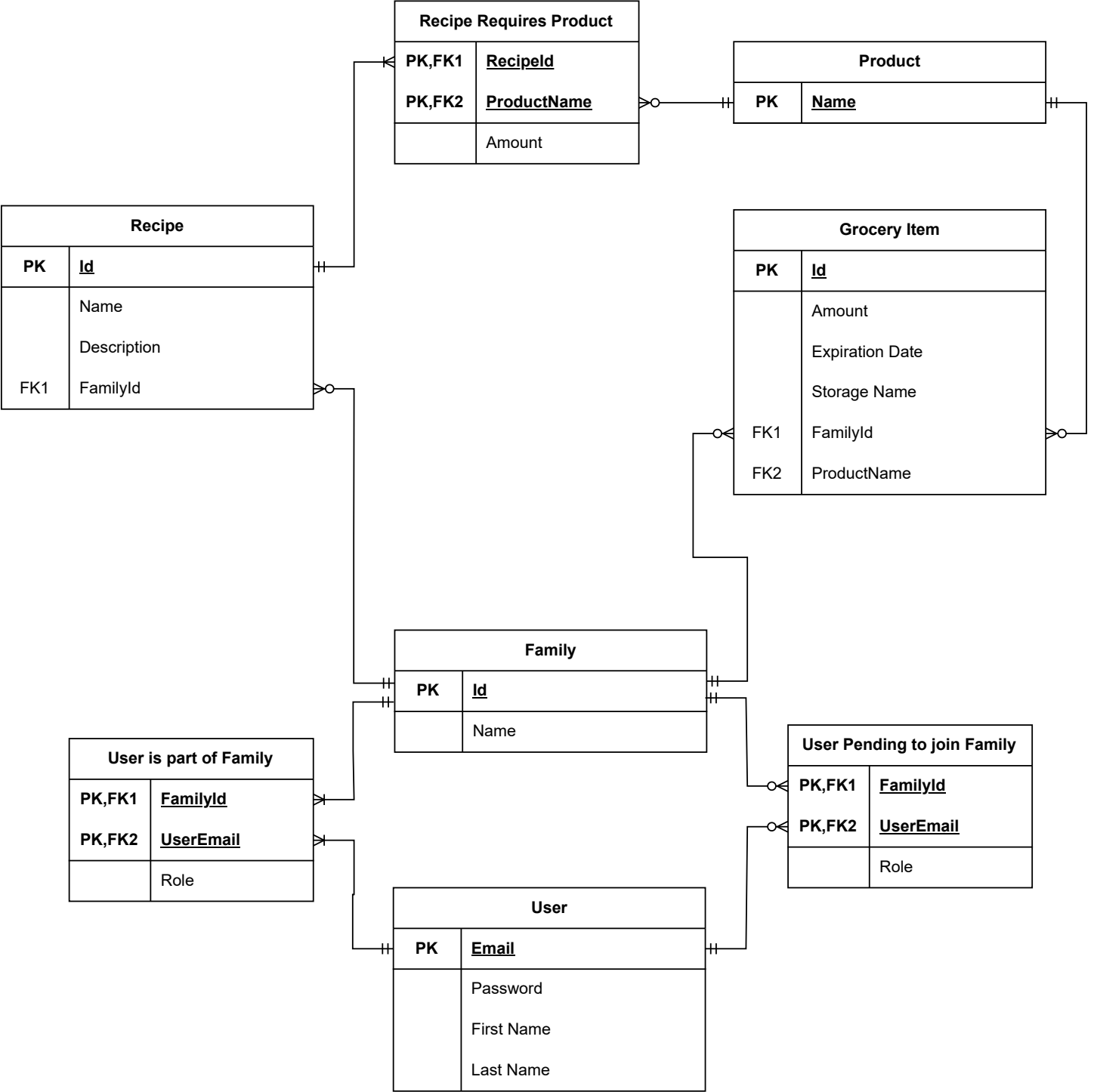
FreshTrack

## Beschrijving

FreshTrack is een webapplicatie om alle voeding in je huis bij te houden zodat je een overzicht hebt van alle voedingsartikelen en hun vervaldatum 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.







# User stories

## Story: register user

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

## Wireframe

CREATE NEW ACCOUNT	CREATE NEW ACCOUNT
Email *	Email *
<input type="text"/>	<input type="text"/>
	email is already in use
Password *	Password *
<input type="text"/>	<input type="text"/>
First Name *	First Name *
<input type="text"/>	<input type="text"/>
Last Name *	Last Name *
<input type="text"/>	<input type="text"/>

## 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

**MY FAMILIES**

Janssens

NAME	EMAIL
Maarten Janssens	maarten@ucll.be
Fien Janssens	fien@ucll.be
Felix Janssens	felix@ucll.be

De Coning

NAME	EMAIL
Maarten Janssens	maarten@ucll.be
Eliza De Coning	eliza@ucll.be

## Acceptance criteria

- A “family” page is added
- On the page a list for each family that the user belongs to is displayed. All other family members are visible in the respective family’s list.

## Story: Register family

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

### Wireframe

The wireframe shows a section titled "MY FAMILY" in bold green text. Below the title are two horizontal bars representing family entries. Each bar contains the name "Janssens" in green, followed by the ID "id: 46836" and "id: 46986" respectively, and a small green upward-pointing triangle on the right. Below these entries is a green button with the text "ADD NEW FAMILY" in white.

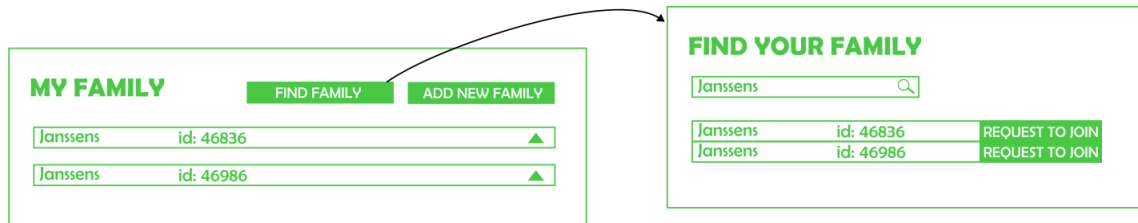
### Acceptance criteria

- 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

**role: parent**

**MY FAMILY**

Janssensid: 46836NAME

Pending users:

NAME	EMAIL		
Gert Janssens	gert@ucll.be	✓	X
Frida Nietjanssens	frida@gmail.com	✓	X

Users in family:

NAME	EMAIL	ROLE	
Maarten Janssens	maarten@ucll.be	parent	
Fien Janssens	fien@ucll.be	parent	/
Felix Janssens	felix@ucll.be	child	/

Janssensid: 46986NAME

## 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**

**MY FAMILY**

Janssens id: 46836  NAME ▼

Users in family:

NAME	EMAIL	ROLE
Maarten Janssens	maarten@ucll.be	parent
Fien Janssens	fien@ucll.be	parent 
Felix Janssens	felix@ucll.be	child 

Janssens id: 46986  NAME ▲

**role: child**

**MY FAMILY**

Janssens id: 46836 ▼

Users in family:

NAME	EMAIL	ROLE
Maarten Janssens	maarten@ucll.be	parent
Fien Janssens	fien@ucll.be	parent
Felix Janssens	felix@ucll.be	child

Janssens id: 46986 ▲

### 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

STORED GROCERIES			
NAME	FIRST EXP. DATE ▼	AMOUNT	...
eggs	15/10/2024		▼
eggs	15/10/2024	3	
eggs	20/10/2024	6	
bread	14/10/2024	1	
milk	30/10/2024	10	▲

### 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 wireframe consists of two panels, both titled "STORED GROCERIES".

**Left Panel:** A modal form is open. To the left of the form is a table with a header "NAME" and one row containing "eggs". The form has the following fields: "name \*" (with a red asterisk), "expiration date \*" (with a red asterisk), "amount \*" (with a red asterisk), and "storage \*" (with a red asterisk). Below the "amount" field is a "suggestions:" label followed by five small colored squares (blue, green, yellow, orange, red). Below the "storage" field is an "ADD" button. Above the form is a "CANCEL" button. To the right of the form is an "ADD ITEM" button and a table with a header "..." and one row containing a green upward arrow. A curved arrow points from the "ADD ITEM" button to the "ADD" button.

**Right Panel:** The modal form is open. The "name" field contains "eggs". The "expiration date" field is empty. The "amount" field contains a suggestion: "1 2 3 4 5" (with small colored squares). The "storage" field is empty. Below the "storage" field is an "ADD" button. Above the form is a "CANCEL" button. To the right of the form is an "ADD ITEM" button and a table with a header "..." and one row containing a green upward arrow. A curved arrow points from the "ADD ITEM" button to the "ADD" button. At the bottom of the form, there is a small note: "Note: Items (Name) already exist with expiration date (Date). New items will be added up to that date."

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

STORED GROCERIES

ADD ITEM

NAME	FIRST EXP. DATE ▼	AMOUNT	...	
eggs	15/10/2024		▼	
eggs	15/10/2024	3	+1	-1 -ALL
eggs	20/10/2024	6	+1	-1 -ALL
bread	14/10/2024	1	+1	-1 -ALL
milk	30/10/2024	10	▲	

STORED GROCERIES

ADD ITEM

NAME	FIRST EXP. DATE ▼	AMOUNT	...	
eggs	15/10/2024		▼	
eggs	15/10/2024	3	+1	-1 -ALL
eggs	20/10/2024	6	+1	-1 -ALL
milk	30/10/2024	10	▲	

removed item "bread" exp. "14/10/2024" because 0 items were remaining

### 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

### STORED GROCERIES

FAMILY: Janssens (ID: 4465) ▾

ADD ITEM

NAME	FIRST EXP. DATE ▾	AMOUNT	...
eggs	15/10/2024		▾
eggs	15/10/2024	3	
eggs	20/10/2024	6	
bread	14/10/2024	1	
milk	30/10/2024	10	▲

### 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

### SAVED RECIPIES

spaghetti bolognaise ▼

ingredients:

- \* spaghetti
- \* meat
- \* cheese

description:  
amlkjmlksdfqsdfamlkjmlksdfqsdfamlkjmlksdfqsdfam  
amlkjmlksdfqsdfamlkjmlksdfqsdfamlkjmlksdfqsdfam  
amlkjmlksdfqsdfamlkjmlksdfqsdfamlkjmlksdfqsdfam  
amlkjmlksdfqsdfamlkjmlksdfqsdfamlkjmlksdfqsdfam  
amlkjmlksdfqsdfamlkjmlksdfqsdfamlkjmlksdfqsdfam  
amlkjmlksdfqsdfamlkjmlksdfqsdfamlkjmlksdfqsdfam

pizza ▲

stoofvlees ▲

### 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

**SAVED RECIPIES**  
FAMILY: Janssens (ID: 4465) ▾  

spaghetti bolognaise ▲

pizza ▲

stoofvlees ▲

### 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

The wireframe illustrates a user interface for creating a new recipe. It features a background panel titled "SAVED RECIPIES" for the family "Janssens (ID: 4465)". This panel lists three recipes: "spaghetti bolognai", "pizza", and "stoofvlees", each with a green upward arrow icon. A green "ADD RECIPE" button is located in the top right corner of this panel. Overlaid on top of this is a modal window titled "add recipe". The modal has a red "CANCEL" button in its top right corner and a green "SAVE NEW RECIPE" button at the bottom. Inside the modal, there are three input fields: "name", "description", and "ingredients". The "ingredients" field is expanded to show a list of items: "\* spaghetti", "\* meat", and "\* cheese". To the right of this list is a search interface with a "sauce" label, a search bar containing the text "sauce", and a magnifying glass icon. A curved arrow points from the "ADD RECIPE" button in the background to the modal window.

### 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

### SAVED RECIPIES

FAMILY: Janssens (ID: 4465) ▾ADD RECIPE

spaghetti bolognaise		
pizza		
stoofvlees		

### 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

### SAVED RECIPIES

FAMILY: Janssens (ID: 4465) ▾ADD RECIPE

spaghetti bolognaise	COPY TO FAMILY		
	Janssens (id: 456)		
pizza	Eennaam (id: 89)		
stoofvlees	COPY TO FAMILY		

### 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