

Project Analyse groep 1-20

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1 Project description

BowlBuddies

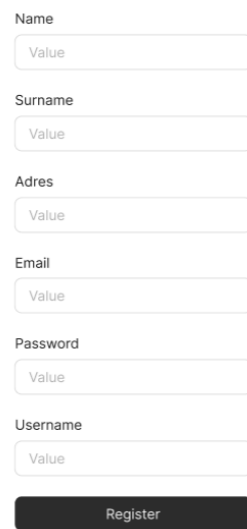
BowlBuddies is een applicatie waar je pokebowls zelf kunt samenstellen en bestellen. De users kunnen hun eigen pokebowls samenstellen door ingrediënten te kiezen of kant-en-klare bowls bestellen. Het systeem bevat een gebruikersregistratie, order overzicht, pokebowl samenstellen systeem, een admin-omgeving om gebruikers te beheren en een manager overzicht om alle orders te kunnen zien en de ingrediënten te beheren.

2 User stories

Story - User create account

As a user,
I'm able to create an account,
so that I can order pokebowls.

Wireframe



A wireframe of a user registration form. It consists of a central column of input fields, each with a label above it: 'Name', 'Surname', 'Adres', 'Email', 'Password', and 'Username'. Each input field contains the placeholder text 'Value'. Below these fields is a dark 'Register' button. The form is centered within a larger container.

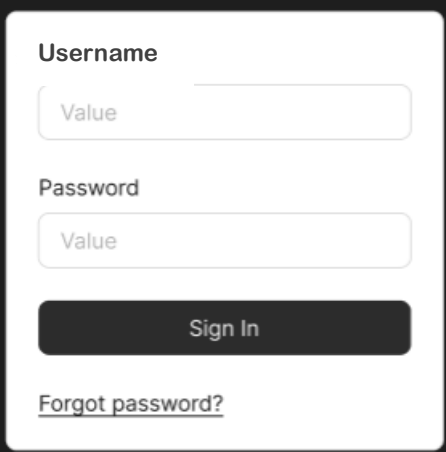
Acceptance Criteria

- If you click on "register", it should show a form where the user can enter their details.
- If username is already in user, show a validation error above the username input-field.
- The email input-field should have an email validation.
- Password should be at least 8 characters
- If the user is successfully created, then it should display a message with "User successfully created."

Story – User login account

As a user,
I'm able to login into my account,
so that I can access my account.

Wireframe



The wireframe shows a login form centered on a page. The form is enclosed in a black border and contains the following elements: a 'Username' label above a text input field with a placeholder 'Value'; a 'Password' label above another text input field with a placeholder 'Value'; a dark grey 'Sign In' button; and a link labeled 'Forgot password?' at the bottom.

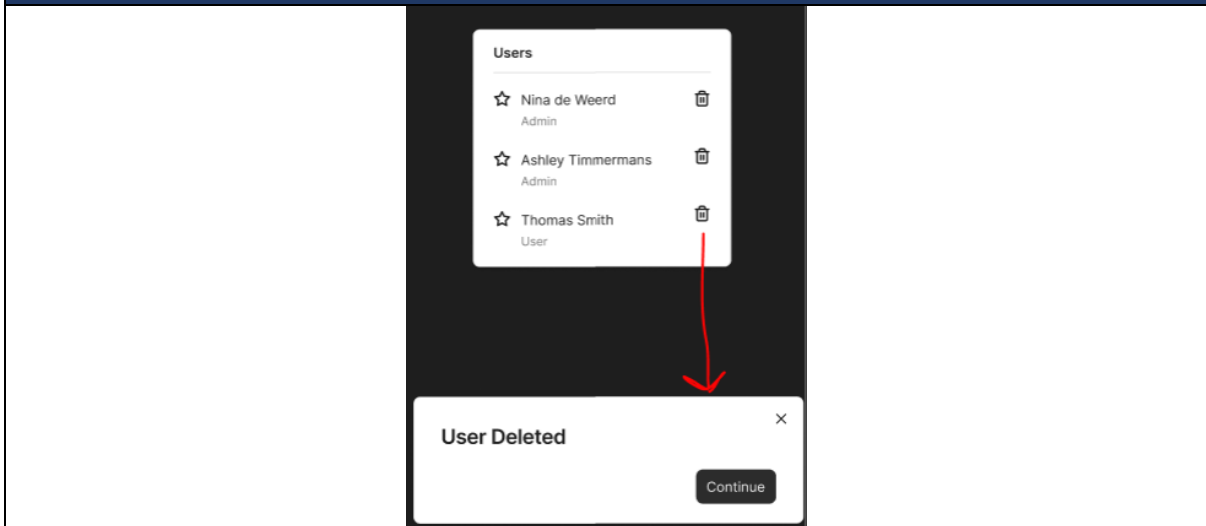
Acceptance Criteria

- If you click on login without password and username, an error message should display.
- If the login credentials don't match, an error message should display: "Wrong username or password."
- If the user is successfully logged in, the user should be redirected to the menu page.

Story – Admin user data

As an Admin,
I want to be able to manage user data,
So that I can delete and edit users.

Wireframe



Acceptance Criteria

- If a user is deleted successfully, a message should display: "User was removed."
- User cannot be removed if it has an active order
- If a user's data is successfully updated, a message should display: "<username>'s data was updated".

Story – Admin role management

As an Admin,
I'm able to give users a different role,
So that I can give management permission to managers.

Wireframe

The wireframe illustrates the Admin role management interface. It features a 'Users' list with three entries: Nina de Weerd (Admin), Ashley Timmermans (Admin), and Thomas Smith (User). A red arrow points from the settings icon next to Thomas Smith to a 'Frame' section below. The 'Frame' section contains input fields for Name, Surname, Adres, Email, Password, and Username, each with a 'Value' placeholder. A 'Register' button is at the bottom.

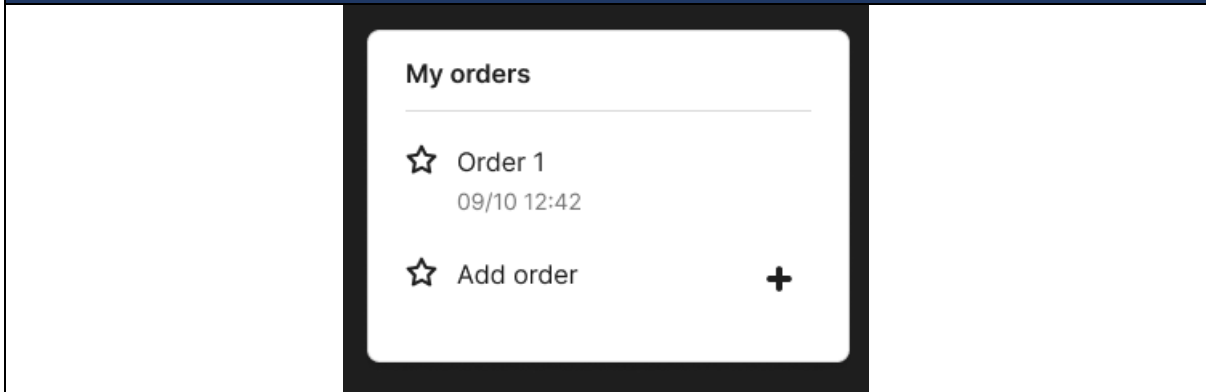
Acceptance Criteria

- If the role of a user is updated, a message should display: "<username>'s role has been updated".

Story – User multiple orders

As a user,
I'm able to place multiple orders,
So that I can order multiple times.

Wireframe



Acceptance Criteria

- If an order was created, it should show it in the user's order history.

Story – View total price of order

As a user,
I want to be able to view the total price of my order,
So that I can see what I have to pay.

Wireframe

	<div><h4>Order summary</h4><div><div>☆ Salmon Pokebowl €13,99</div><div>White rice, salmon, cucu... ⚙️ 🗑️</div></div><div><div>☆ Personalised Poke €14,99</div><div>Brown rice, chicken, cor ... ⚙️ 🗑️</div></div><div><div>Total price €28.98</div></div></div>	
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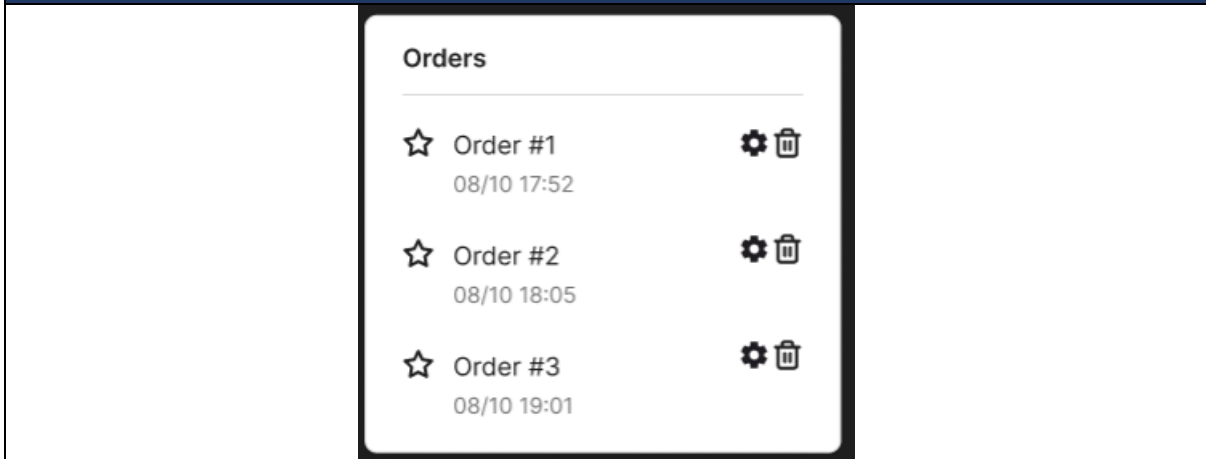
Acceptance Criteria

- The order should calculate all the prices of the ingredients of the pokebowl.
- The order shows all the used ingredient prices and quantity in a small box on the order.

Story – Manager view all orders

As a manager,
I'm able to view all the user orders,
So that I have an overview of all orders that have been ordered.

Wireframe



Acceptance Criteria

- The orders must be shown on date order (newest to oldest).

Story – User custom pokebowl order

As a user,
I'm able to make my own pokebowl,
So that I have a custom pokebowl.

Wireframe

Sauce	Toppings	Protein
Spicy mayo <input type="checkbox"/>	Corn <input type="checkbox"/>	Salmon <input type="checkbox"/>
Sweet chili <input type="checkbox"/>	Seaweed <input type="checkbox"/>	Tuna <input type="checkbox"/>
Soy sauce <input type="checkbox"/>	Avocado <input type="checkbox"/>	Tofu <input type="checkbox"/>
	Carrots <input type="checkbox"/>	
	Mango <input type="checkbox"/>	
	Onions <input type="checkbox"/>	

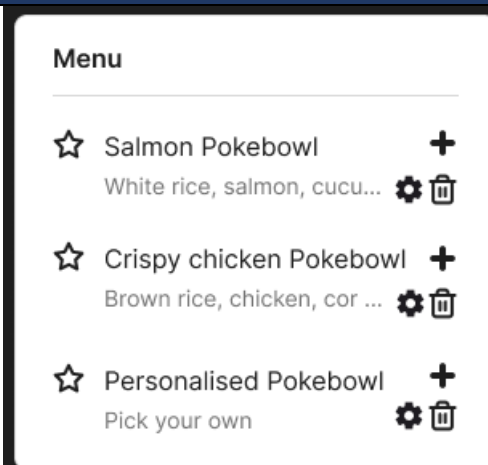
Acceptance Criteria

- If the user reached the maximum ingredients on their pokebowl, an error message is displayed "Cannot add more ingredients".
- If an ingredient is out of stock, the ingredient should be unclickable and grayed out.
- The user cannot add more than 1 sauce.
- The user cannot add more than 2 protein.
- When ingredient is successfully added a message is shown and total gets updated

Story – Manager create pokebowls

As a manager,
I'm able to create a pokebowl,
So that it gets added to the pokebowl list and users can order it.

Wireframe



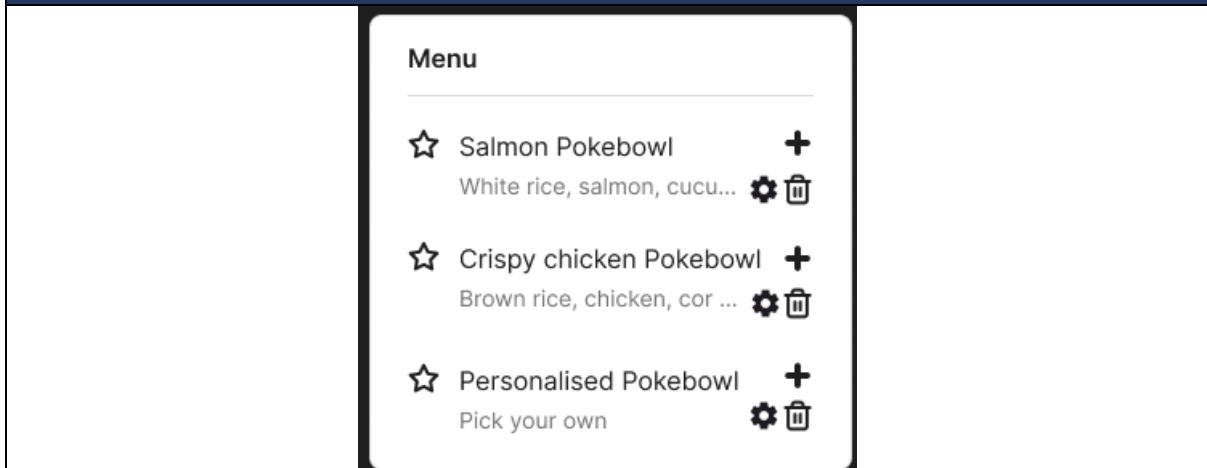
Acceptance Criteria

- The "naam", "type", "beschrijving", "maxAantalIngredienten" cannot be empty. Or else an error message displays with "<naam/type/beschrijving/max aantal ingredienten> cannot be empty".
- "Prijs" is optional. If the price is empty, the standard value is 5 and it will be summed up with the ingredient prices. If the "prijs" is not empty, the pokebowl prijs is the given prijs.
- "Prijs" and "maxAantalIngredienten" must be a positive number, or else an error should be thrown.
- If ingredient doesn't exist, an error message should display.
- The "aantal" of the ingredient should decrease when added. If the "aantal" is already 0, it should throw an error "<ingredient> is out of stock" and the number should still be 0.
- If there are more ingredients than "maxAantalIngredienten", an error should display with "Cannot add more ingredienten".
- If the ingredient limit is reached of a ingredient, an error should display with "Cannot add more <ingredient>".
- All the created pokebowls should be displayed with the "naam" and "prijs" in a pokebowl list in the frontend.
- In the front-end, when clicking on a pokebowl all the pokebowl details should display of that pokebowl.

Story – User menu pokebowl order

As a user,
I'm able to order an existing pokebowl,
So that I don't have to make a custom pokebowl.

Wireframe



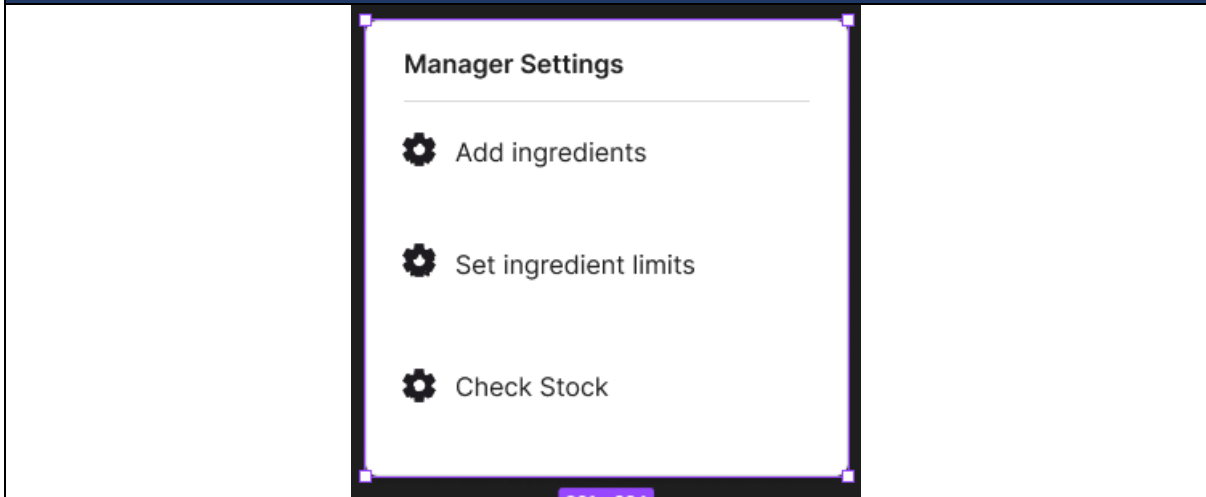
Acceptance Criteria

- The user cannot add more than 999 pokebowls.

Story – Manager set ingredient limit on pokebowl

As a manager,
I'm able to set a limit for adding ingredients to a pokebowl,
So that a user cannot add unlimited ingredients.

Wireframe



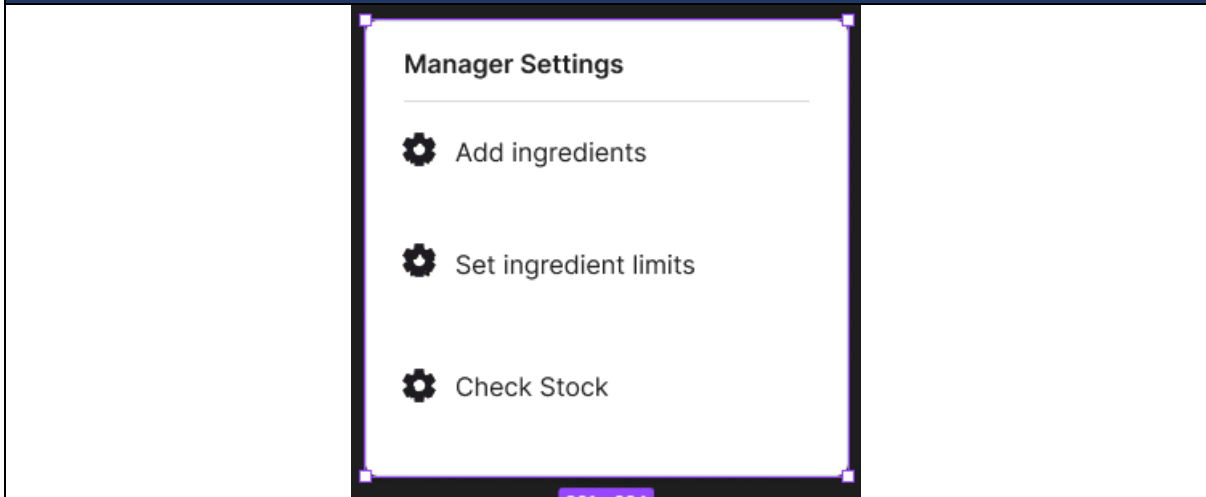
Acceptance Criteria

- The manager can set a limit between minimum 5 and maximum 15, or else an error message is displayed: "Choose a number between 5 and 15".

Story – Manager create new ingredient

As a manager,
I'm able to create new ingredients,
So that users have more variety to choose from.

Wireframe



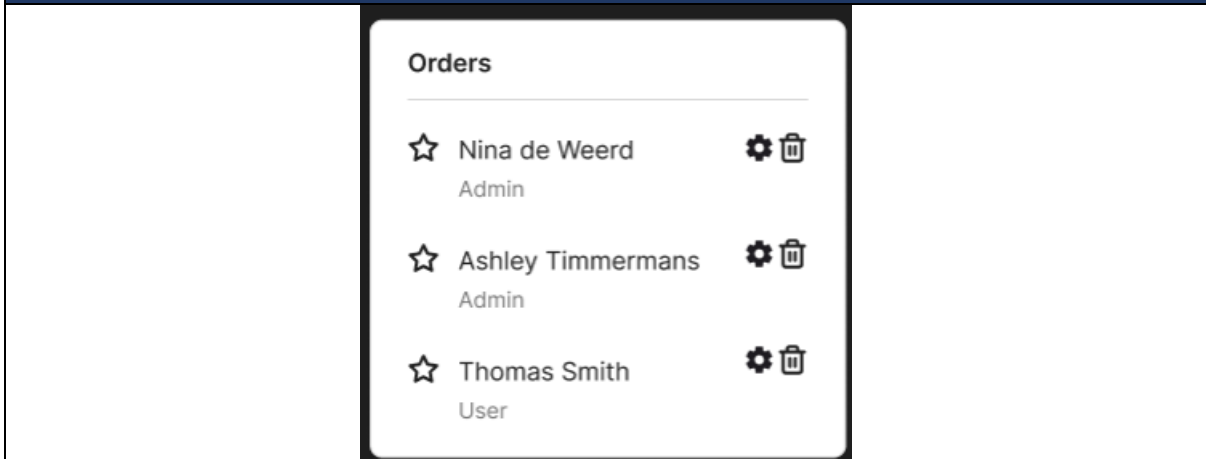
Acceptance Criteria

- If the ingredient already exists, an error message should display: "<ingredient-name> already exist".
- When successfully added a new ingredient show message: "<ingredient-name> was added".

Story – Admin view all users

As an admin,
I want to be able to see all users,
So that I have an overview of all users on the platform.

Wireframe



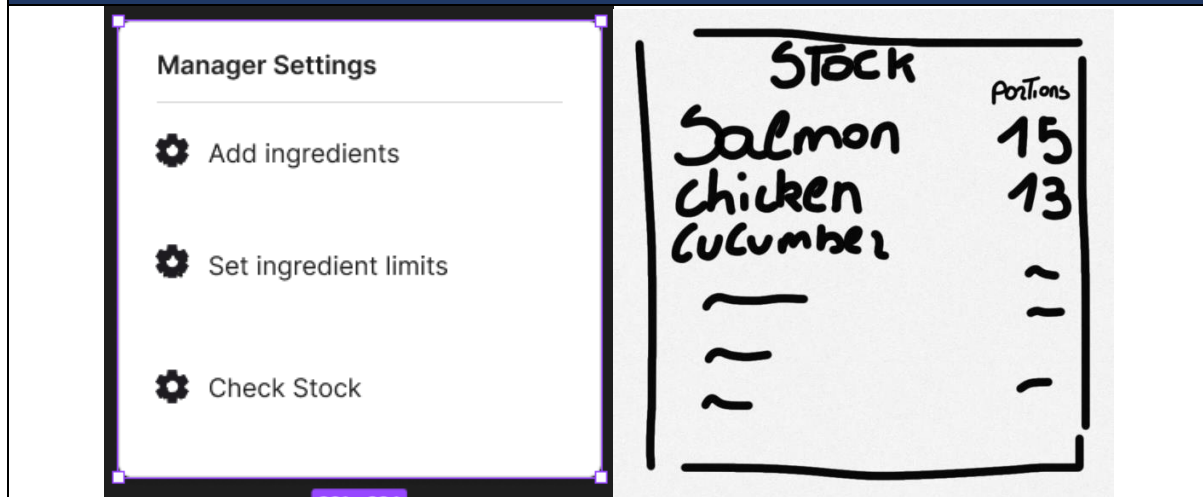
Acceptance Criteria

- The admin sees a list of users with search and filter options
- Admin can see user details like orders

Story – Manager view ingredient stock

As a manager,
I want to see stock of each ingredient,
So that I know if there is enough for future ingredients.

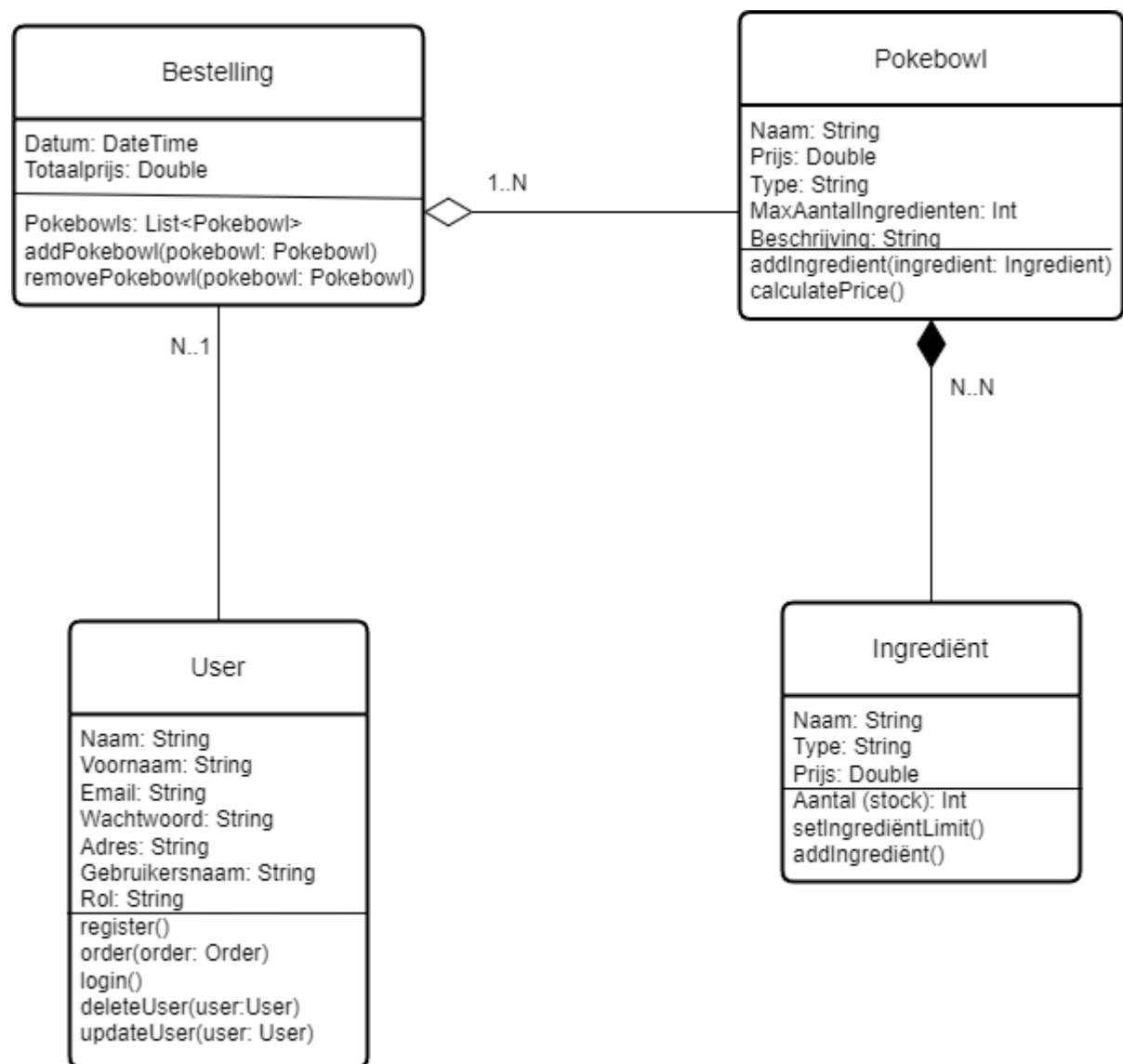
Wireframe



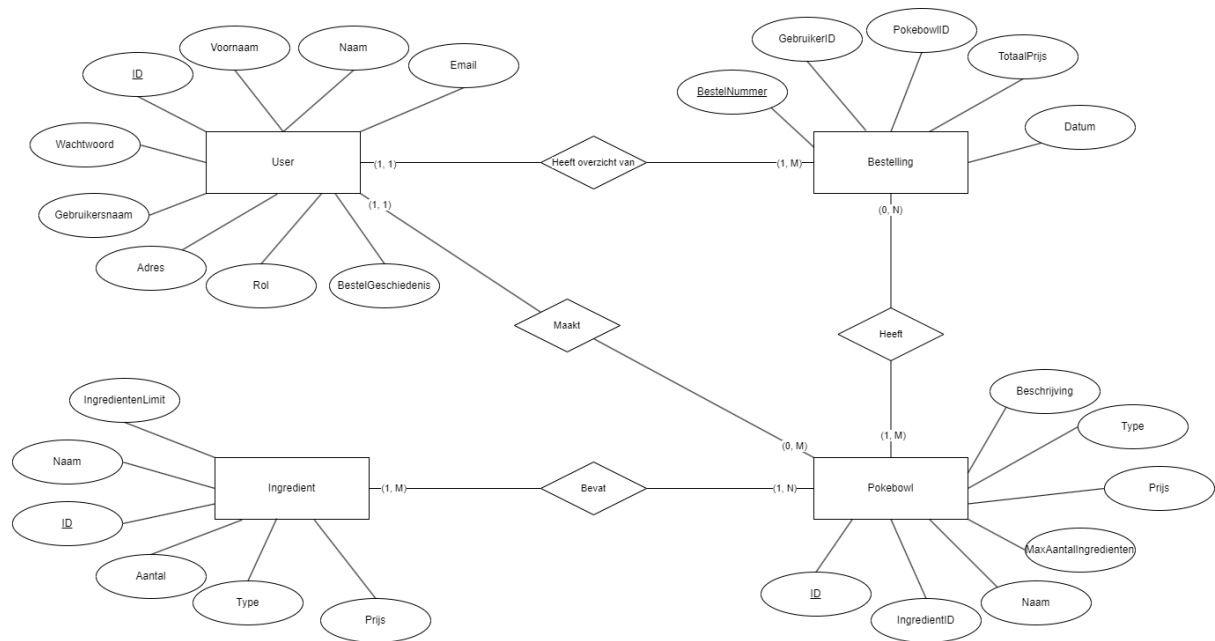
Acceptance Criteria

- The manager sees an overview of all ingredients with the current stock

3 Domain model



4 Conceptual model



5 Logical database model

