

Full-Stack Software Development

Project analyse

Recipe Share

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Description

Title: RecipeShare

Description: The RecipeShare app enables users to share their recipes with other users and non-users in a blog-like environment.

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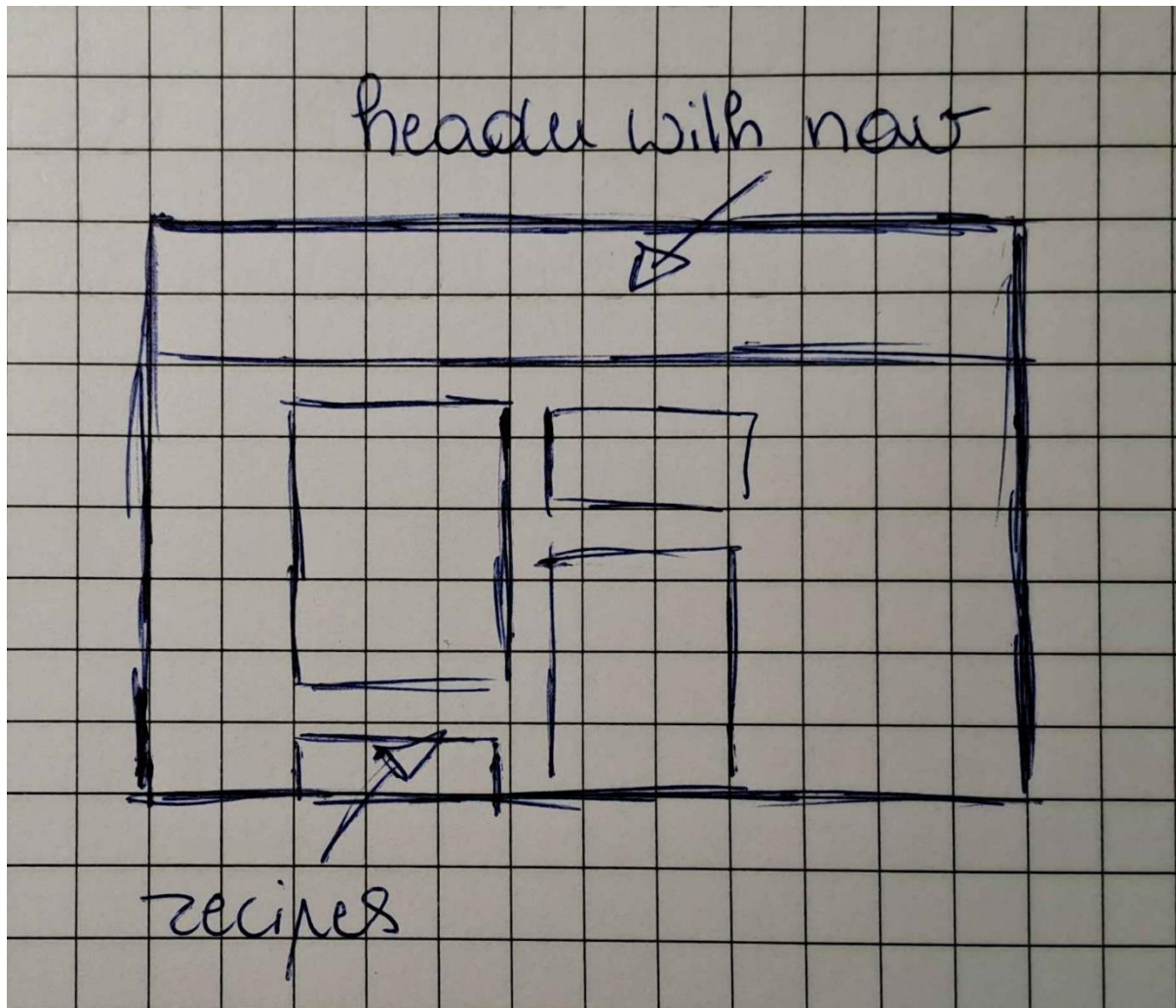
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User Story's

Homepage

As a user or non-user,
I want have a nice homepage,
So that I can easily navigate to all available functionalities.

Mock-up



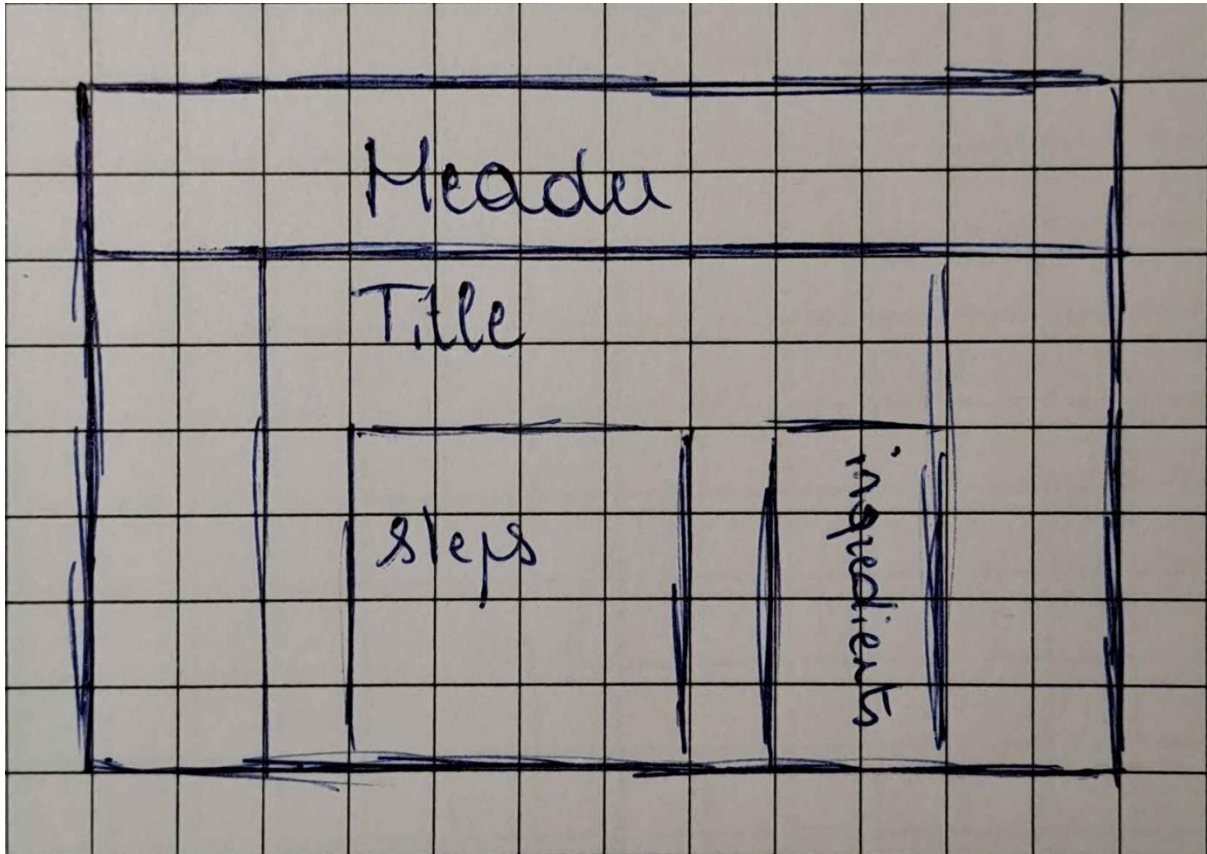
Acceptance Criteria

Given a user or non-user,
If they navigate to the Homepage,
Then they see an overview of some recipes
And a nice header.

Read Recipe

As a user or non-user,
I want to read a recipe,
So that I can cook something new.

Mock-up



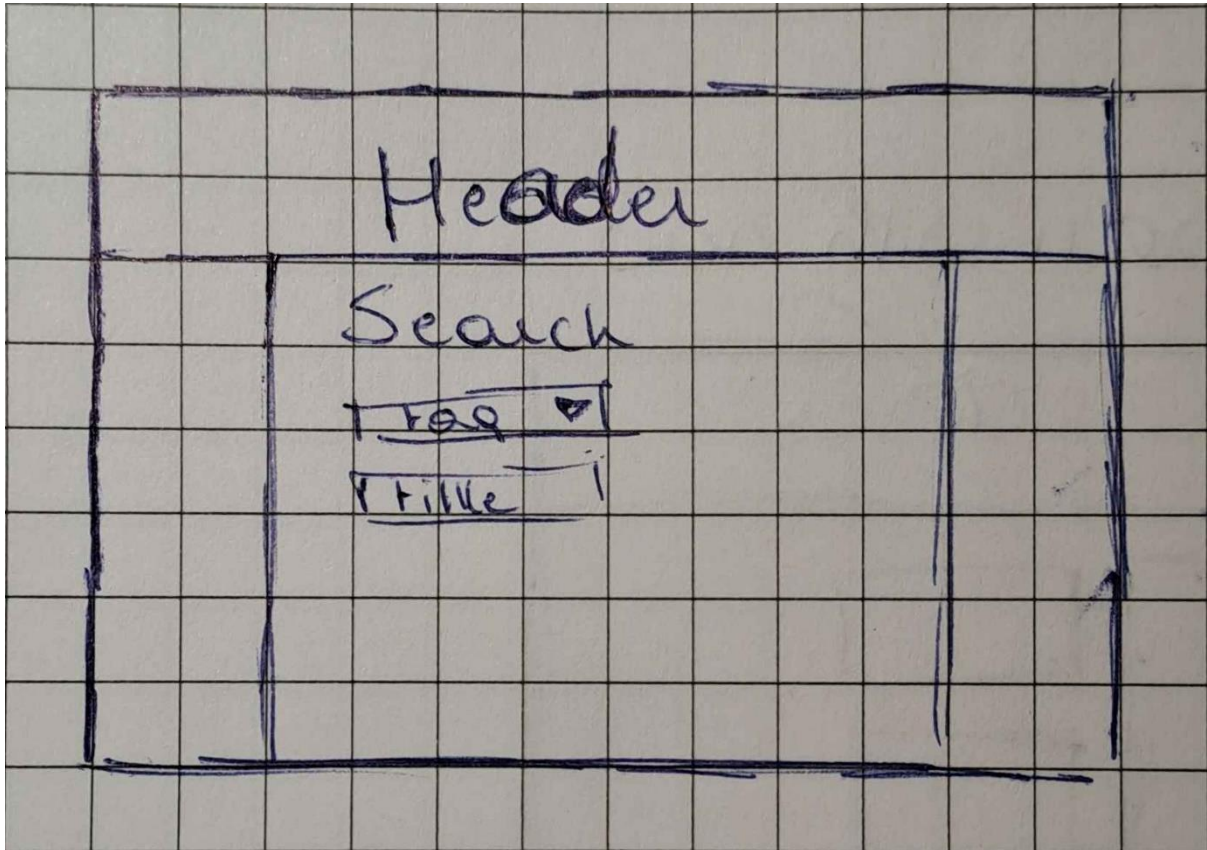
Acceptance Criteria

Given a Recipe Page,
When a user or non-user reads the page,
Then they will see an overview of ingredients and steps

Search Recipes

As a user or non-user,
 I want to search through the recipe database,
 So that I can find a recipe that I would enjoy.

Mock-up



Acceptance Criteria

Given the search module,
When a user searches on a tag,
Then recipes with that tag will be shown.

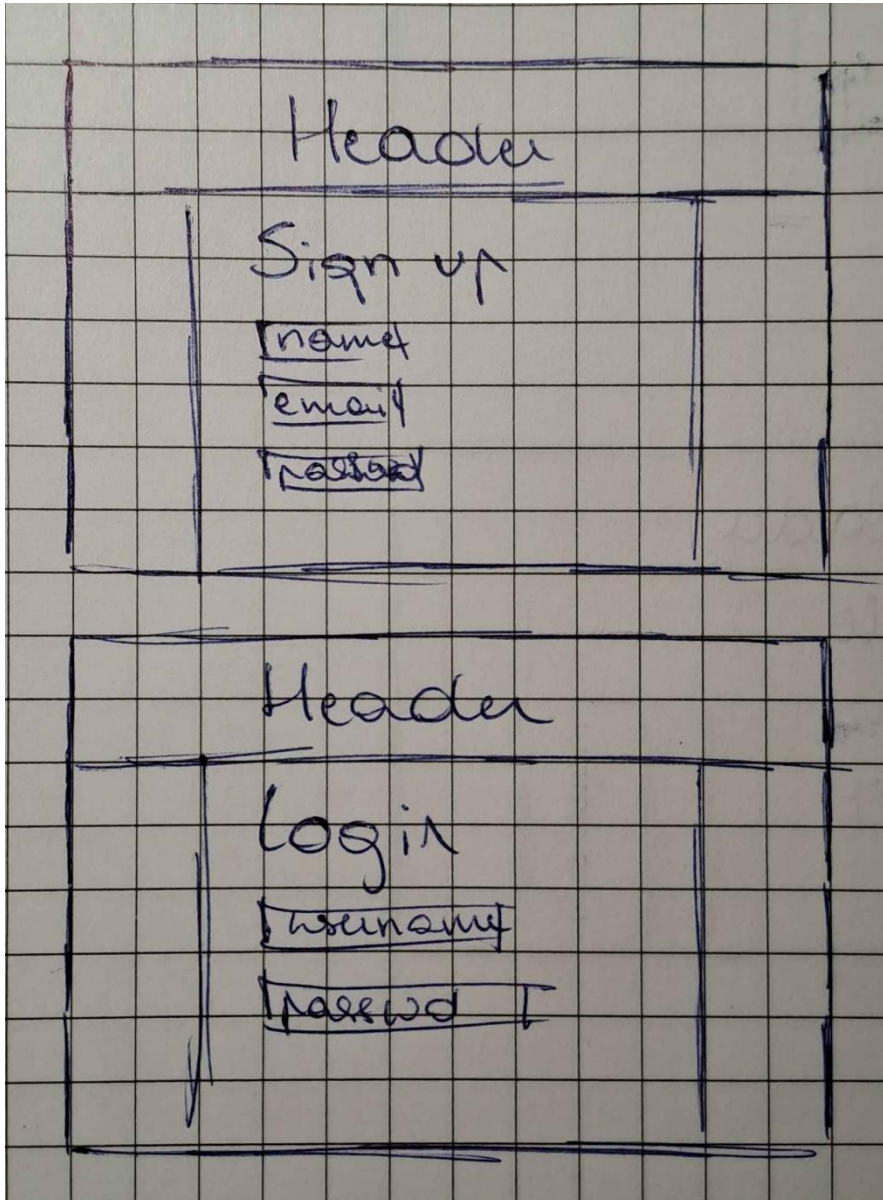
Given the search module,
When a user searches on a title,
Then recipes with that/those word(s) in the title will be shown.

Given the search module,
When a user searches on a username,
Then recipes created by that user will be shown.

Authentication

As a user,
I want to create an account and log in to the application,
So I can manage and share my recipes.

Mock-up



The mock-up consists of two hand-drawn forms on grid paper. The top form is titled 'Header' and contains a 'Sign up' section with three input fields labeled 'name', 'email', and 'password'. The bottom form is also titled 'Header' and contains a 'login' section with two input fields labeled 'username' and 'password'.

Header
Sign up
<input type="text"/>
<input type="text"/>
<input type="password"/>

Header
login
<input type="text"/>
<input type="password"/>

Acceptance Criteria

Given the Sign-up module,

When all fields have valid input,

Then the user will be created.

Given the Sign-up module,

When the chosen username is already in use,

Then a message “username is already used” will appear

And the user will not be created.

Given the Sign-up module,

When not all required fields are filled in,

Then a message “not all required fields are filled in” will appear

And the user will not be created.

Given the Sign-up module,

When a field has invalid input,

Then a message “[field] has invalid input” will appear

And the user will not be created.

Given the Login-module,

When all fields are filled in correctly,

Then the user will be logged in.

Given the Login-module,

When not all fields are filled in correctly,

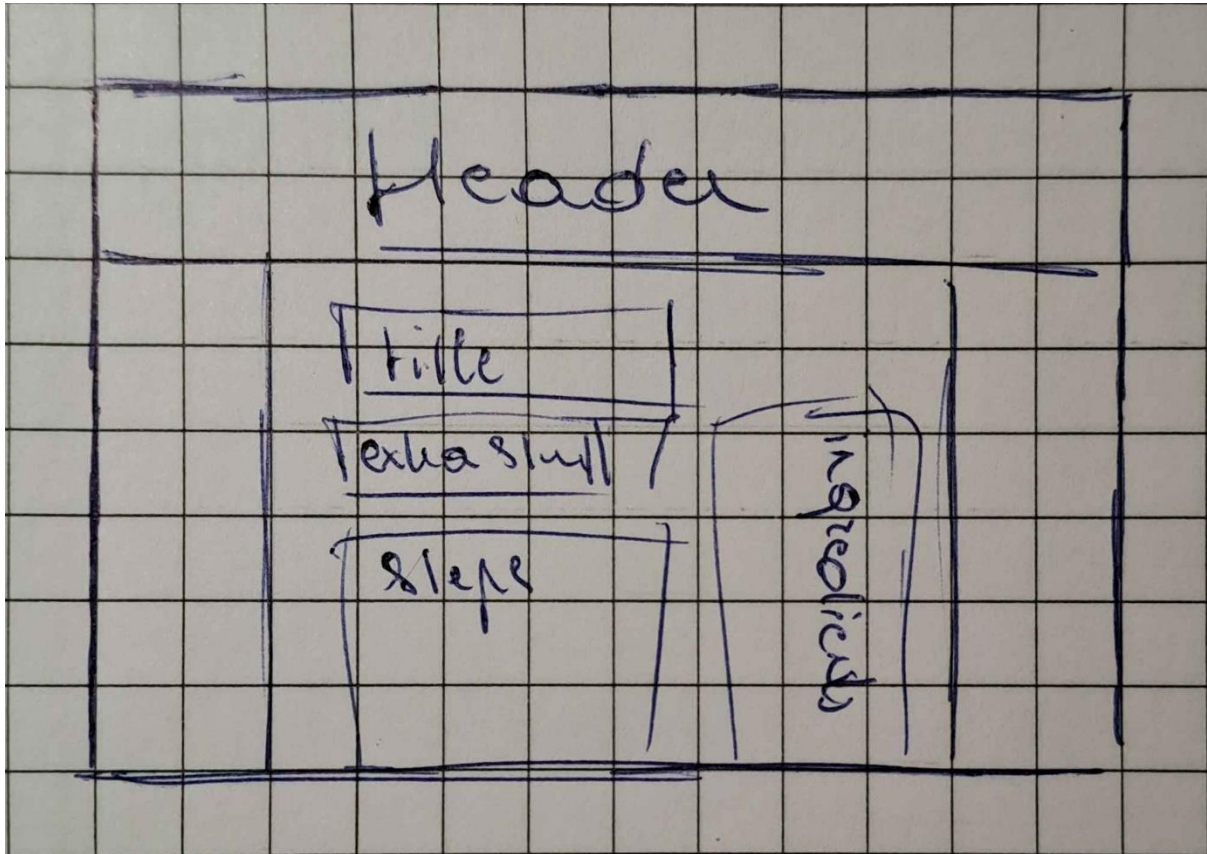
Then a message “username or password are not correct” will appear

And the user will not be logged in.

Create Recipe

As a user,
 I want to create a recipe,
 So I can keep and share that recipe.

Mock-up



Acceptance Criteria

Given a Create Recipe Page,
When all required fields are filled in correctly,
Then the recipe will be created.

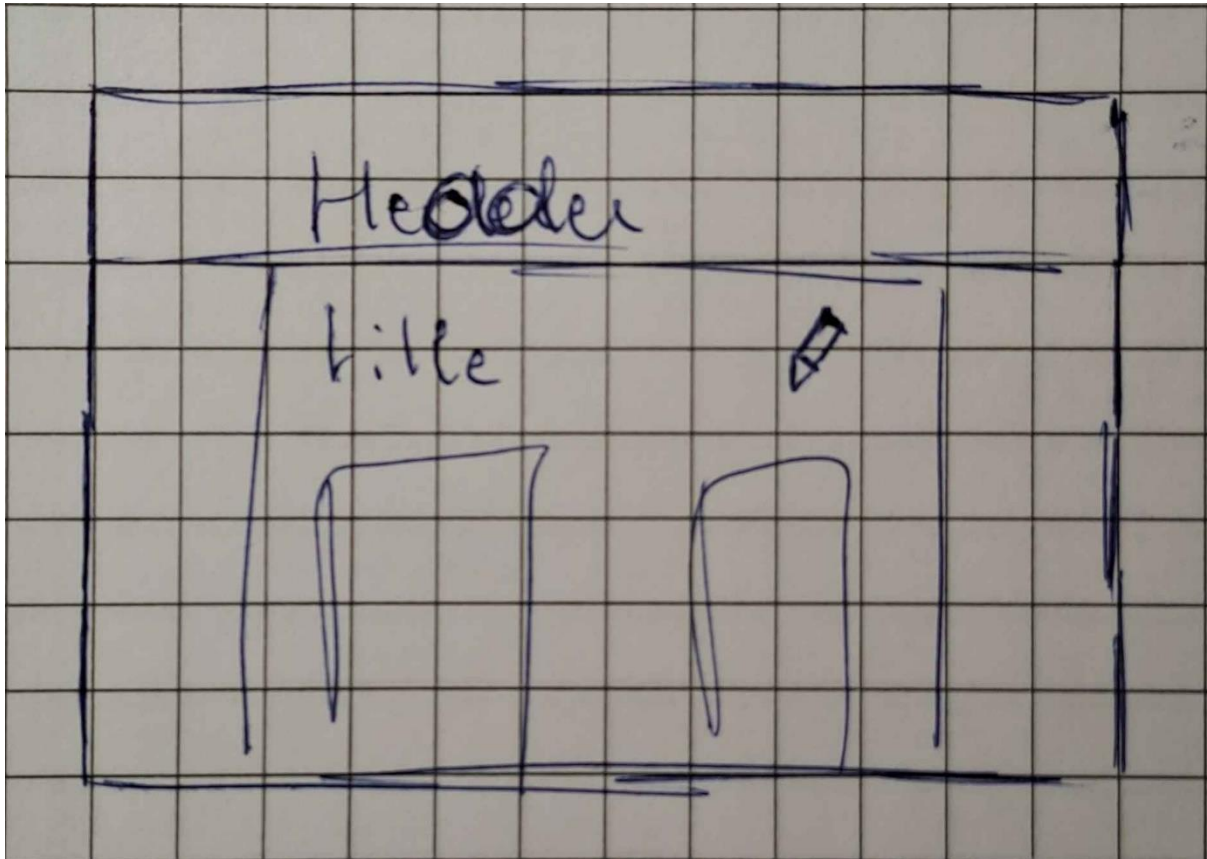
Given a Create Recipe Page,
When not all required fields are filled in correctly,
Then a message "[field] is required" will appear
And the recipe will not be created.

Given a Create Recipe Page,
When a field has invalid input,
Then a message "[field] has invalid input" will appear
And the recipe will not be created.

Update Recipe

As a user,
I want to update my recipe,
So that I can make my recipe better.

Mock-up



Acceptance Criteria

Given a recipe,
When I change one or more fields with valid input,
Then the recipe will be updated.

Given a recipe,
When I change a field with invalid input,
Then a message "[field] has invalid input will appear
And the recipe will not be updated.

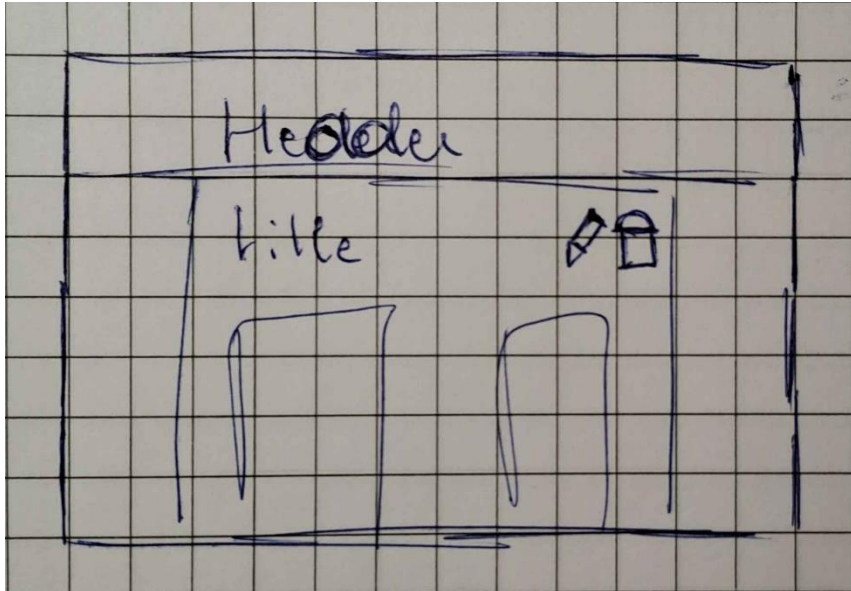
Delete Recipes

As a user,

I want to delete my recipe,

So that I don't have to embarrass myself if the recipe is not as great as I thought it would be.

Mock-up



Acceptance Criteria

Given a recipe,

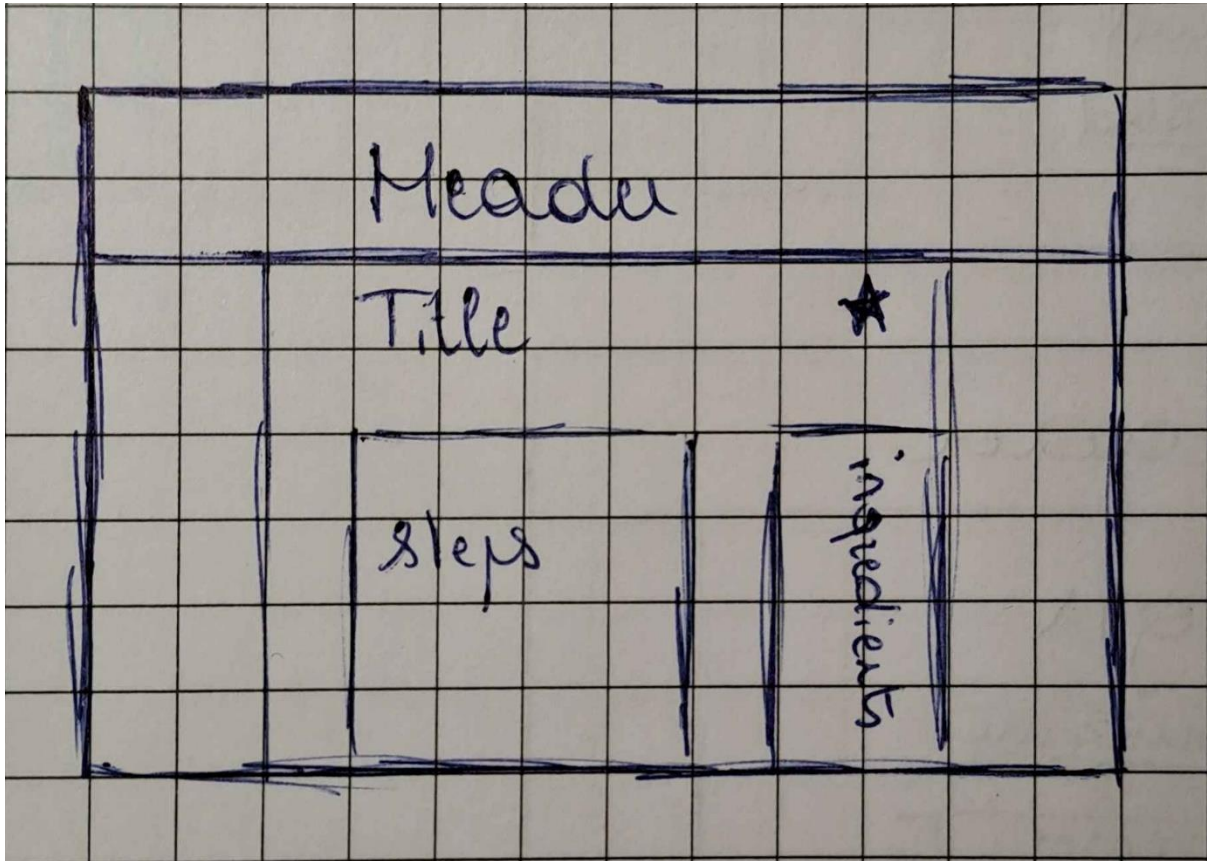
When I click the delete button,

Then the recipe will be deleted.

Like Recipe

As a user,
I want to like a recipe,
So that I can find it quicker.

Mock-up



Acceptance Criteria

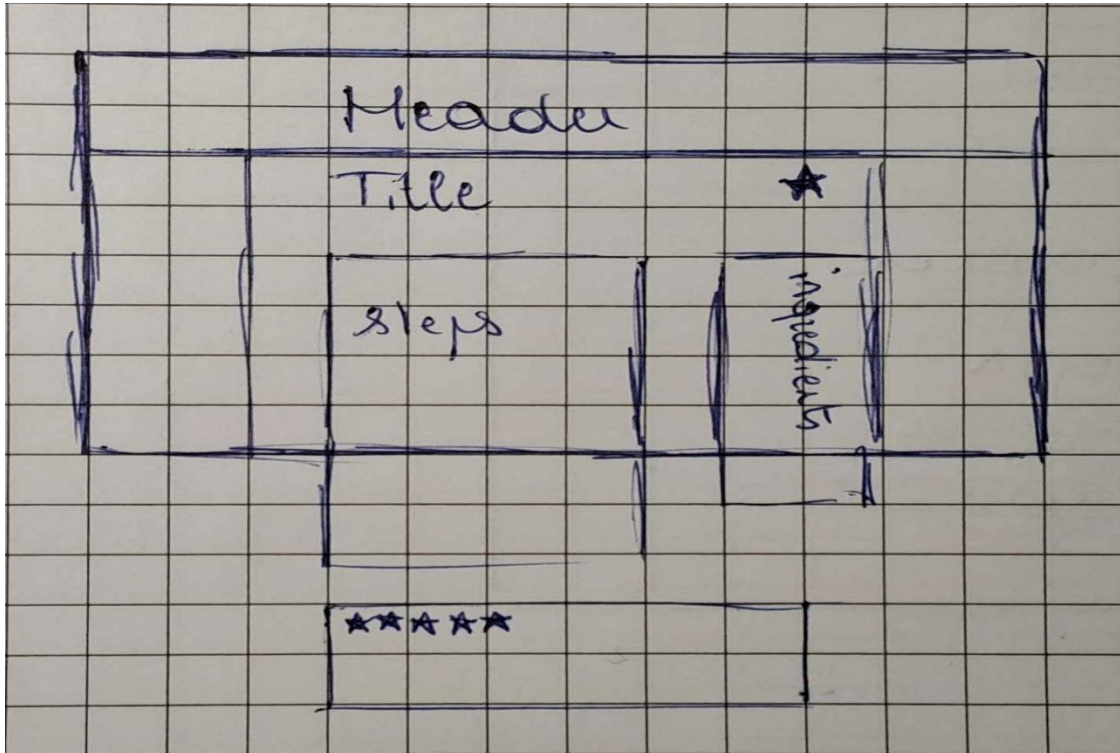
Given a Recipe Page (possibly of someone else),
When I click the like button,
Then the recipe will be added to my favorite recipes.

Given the search module,
When a user search on favorite,
Then their favorite recipes will be shown.

Rate and Review Recipe

As a user,
 I want to rate and review recipes,
 So that I can advise other users on some elements of the recipe.

Mock-up



Acceptance Criteria

Given a review module,
When a user gives a rating on a recipe they haven't rated before,
Then the rating will be added to the ratings of the recipe.

Given a review module,
When a user gives a rating on a recipe they have rated before,
Then their rating will be updated.

Given a review module,
When a user writes a review with rating,
Then their review and rating will be added to the recipe.

Given a review module,
When a user writes a review without rating,
Then a message "a rating is required for a review" will appear,
And the review will not be added to the recipe.

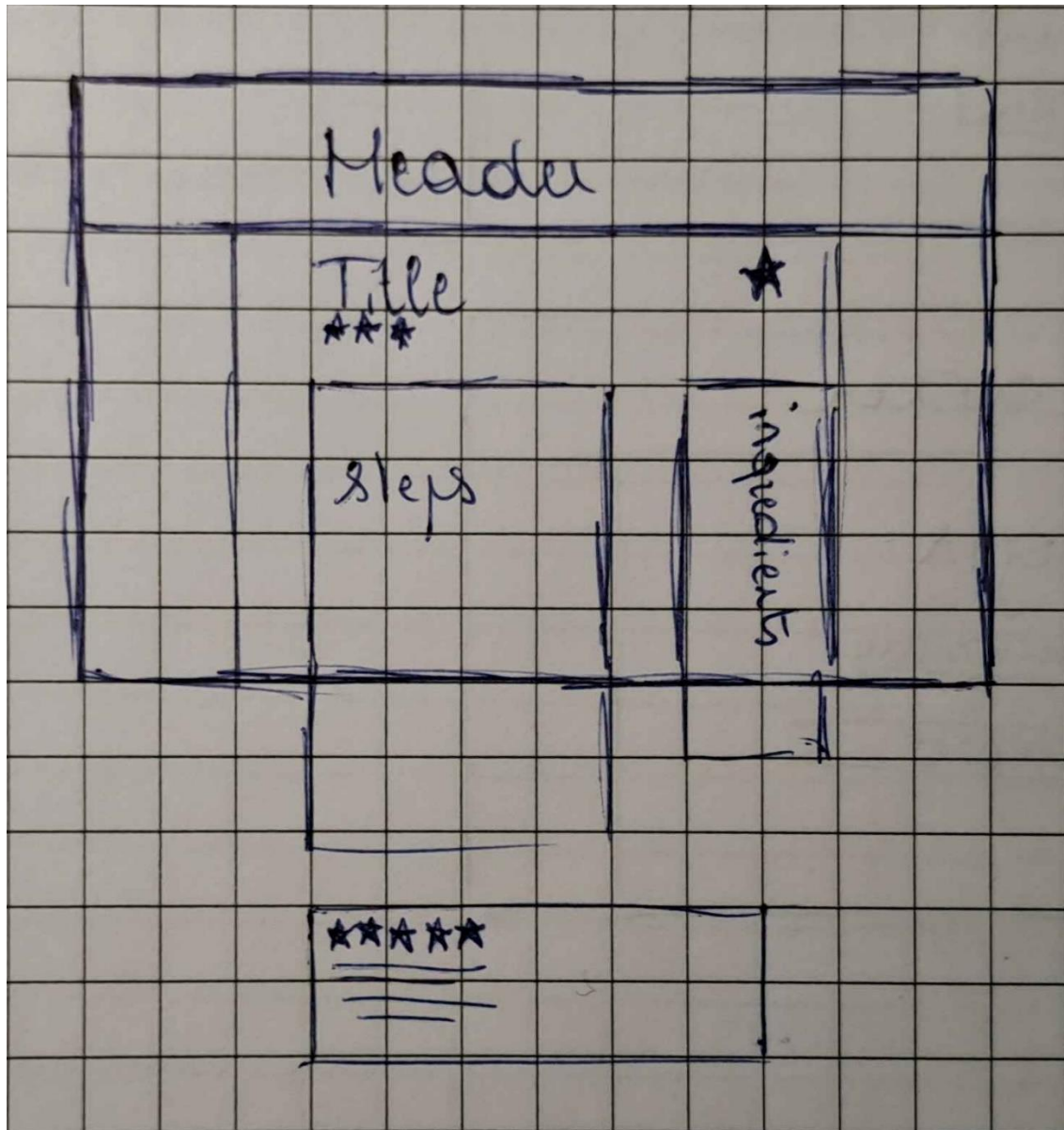
View Ratings and Reviews Recipe

As a user or non-user,

I want to see the ratings and reviews of a recipe,

So that I can make an informed choice about whether or not to make them.

Mock-up



Acceptance Criteria

Given a recipe page,

When a user reads the recipe page,

Then the number of ratings and their mean will be shown.

Given a recipe page,

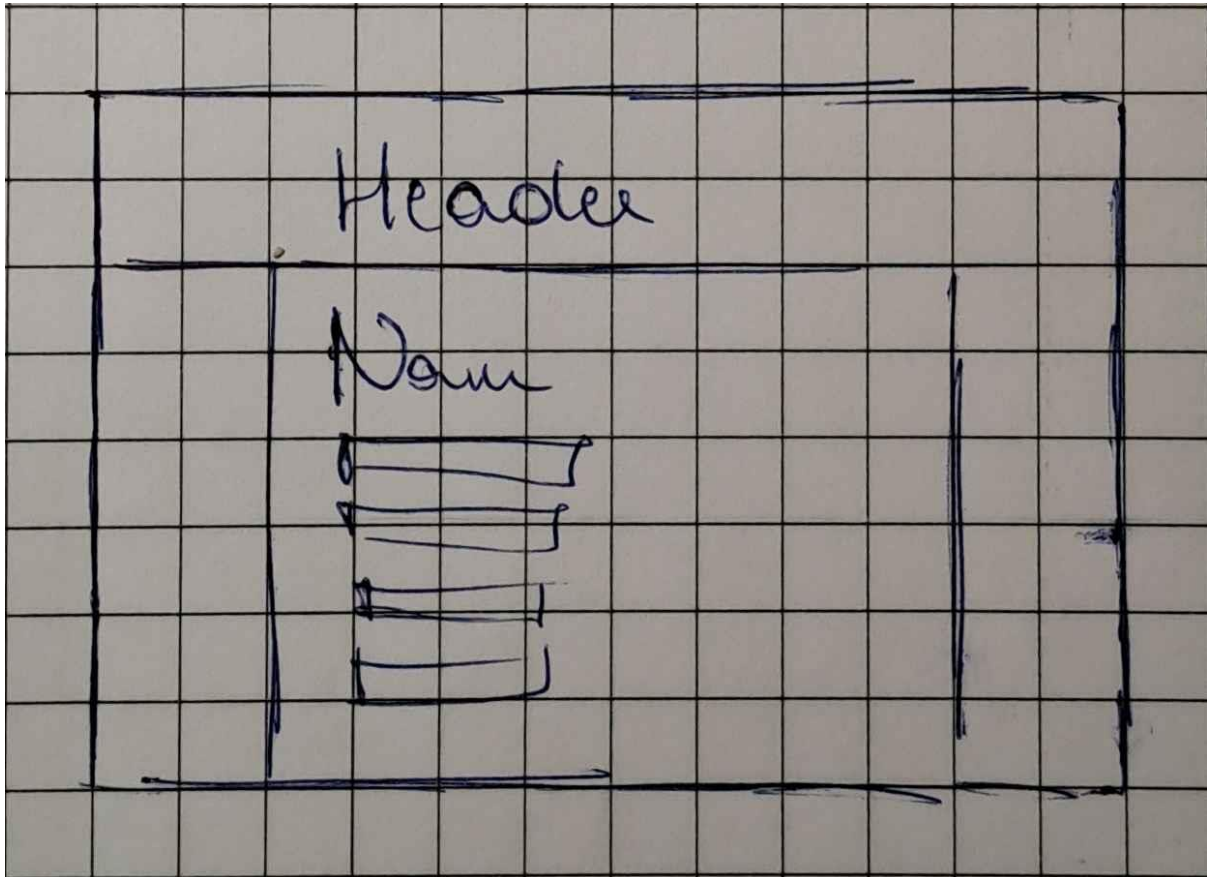
When a user reads the recipe page,

Then the reviews will be shown.

Update Profile

As a user,
I want to update my profile,
So that I can change my personal details.

Mock-up



Acceptance Criteria

Given a Profile Page,
When a user clicks the edit button,
Then the user can edit any of the editable fields.

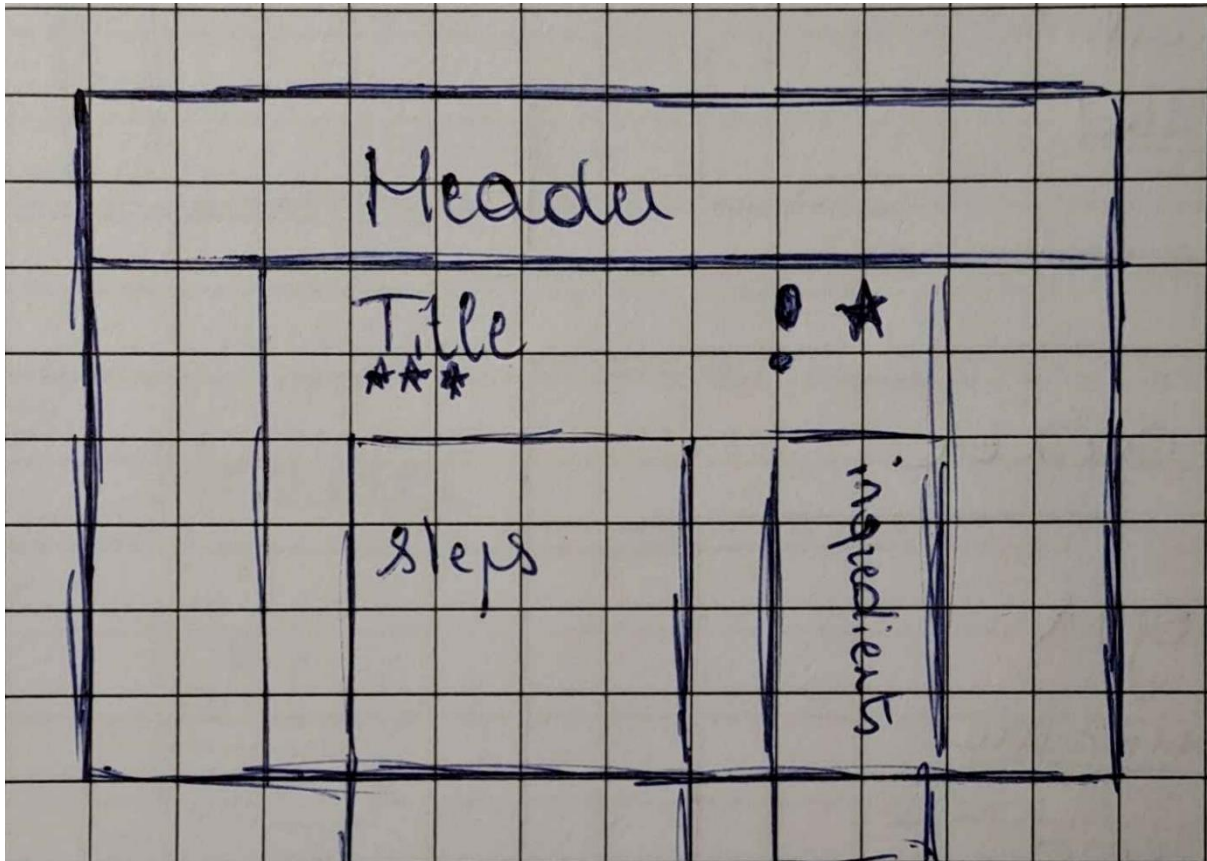
Given a Profile Page,
When I change one or more fields with valid input,
Then the recipe will be updated.

Given a Profile Page,
When I change a field with invalid input,
Then a message "[field] has invalid input will appear
And the recipe will not be updated.

Report Recipe

As a user,
 I want to report a recipe,
 So that inappropriate entities can be deleted.

Mock-up



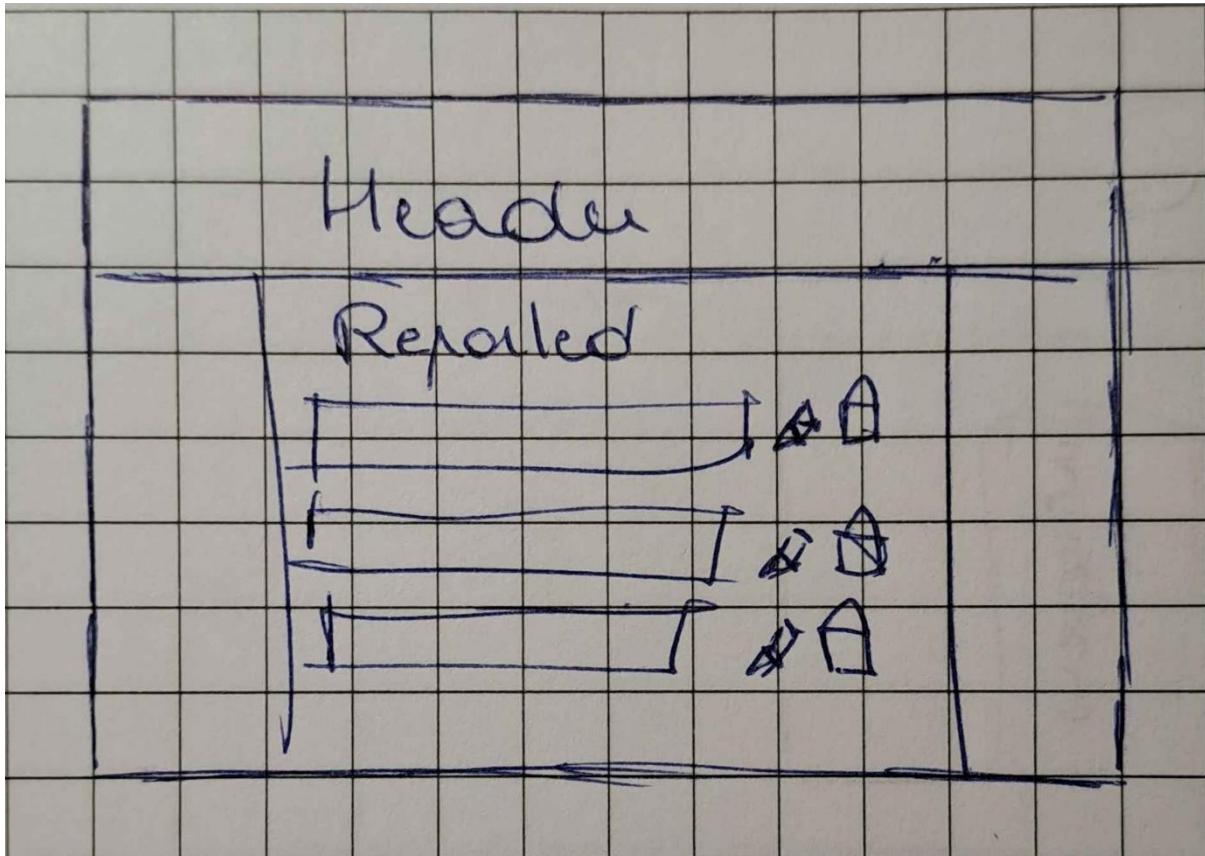
Acceptance Criteria

Given a recipe,
When a user clicks the report button,
Then the status of the recipe will change to “reported”
And the recipe will be invisible.

Edit or Remove Recipe

As an administrator,
I want to have an overview of all reported recipes,
So that I can edit or delete reported recipes.

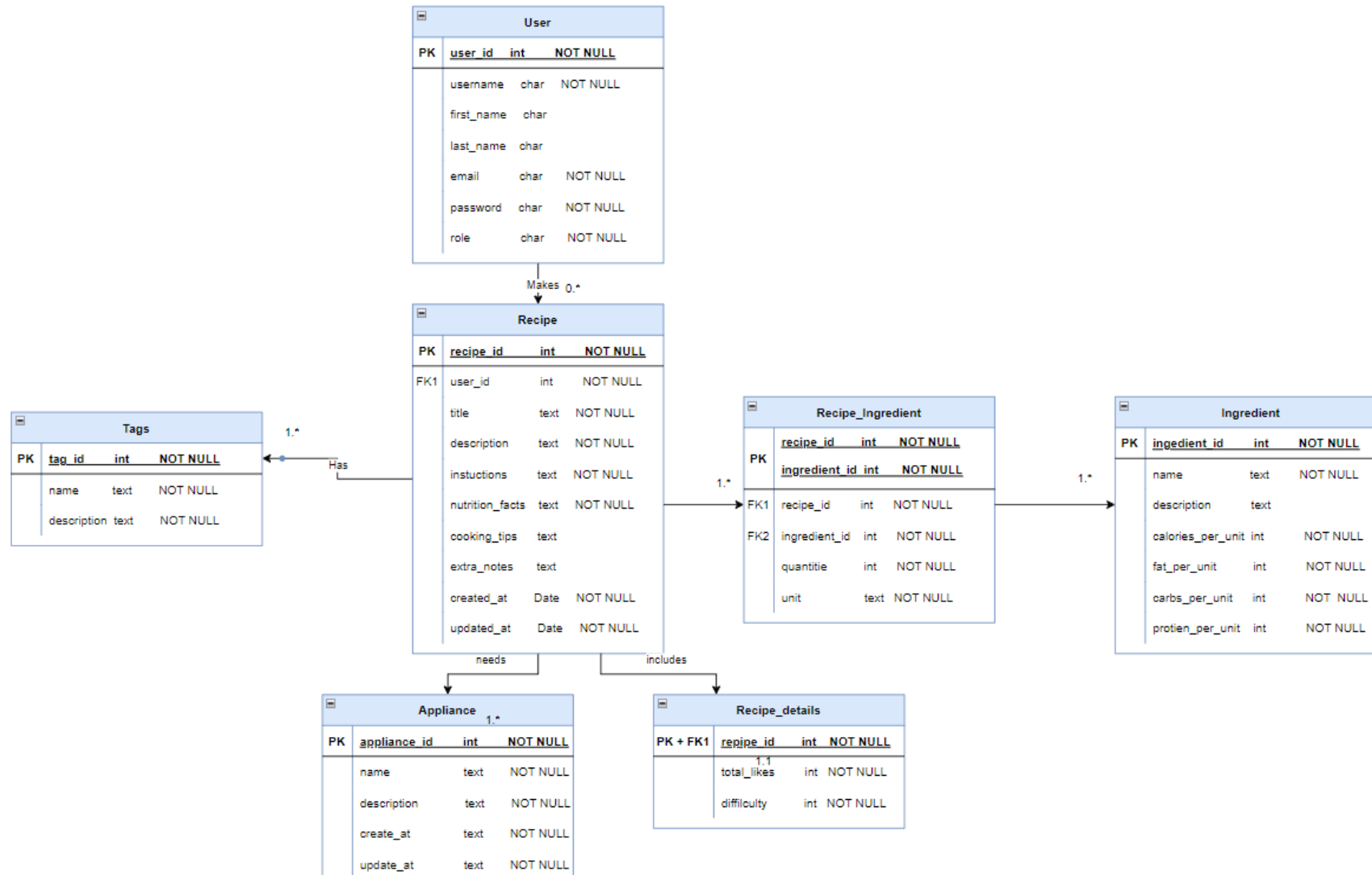
Mock-up



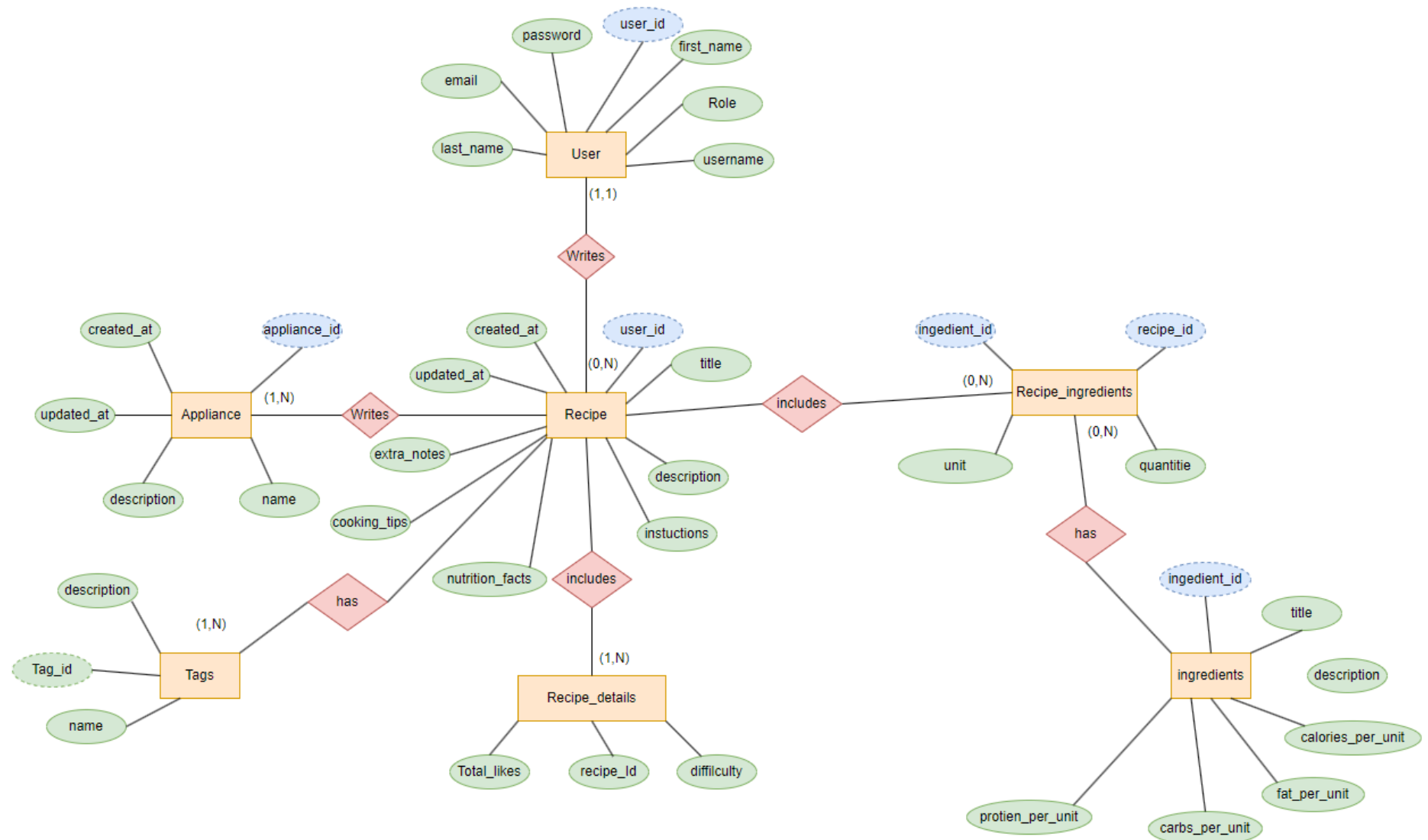
Acceptance Criteria

Given a list of all reported recipes,
When an administrator clicks on a recipe,
Then the edit page of the recipe is shown.

Domain Model



Conceptual Model



Logical Database Model

