

## Project description

Title: Poopedia

Description: Poopedia is a website where you can post poop data and share it with your friends. This data will include things like location, type, size, color, etc. . The data will be analyzed and statistics will be provided to better your pooping experience and overall health. Users will be able to view the locations of their entries on a map, be able to add and manage friend and gather achievements. Moderators will be used to check posts for inappropriate information. Administration will be able to manage all data in an admin panel.

## User stories

*Story – register and login*

As a user

I am able to register and login

So I can use the application

### Wireframe

The wireframe displays two side-by-side form layouts. The left form is titled 'Login' and contains two input fields labeled 'username or email:' and 'password:', followed by a 'LOGIN' button. Below the password field is a link that says 'don't have an account [register](#)'. The right form is titled 'Register' and contains three input fields labeled 'username:', 'email:', and 'password:', followed by a 'REGISTER' button. Below the password field is a link that says 'already have an account [login](#)'.

### Acceptance criteria

- Input fields are provided so the user can create or login to an account.
- When clicking the register button, an account is created.
- When clicking the login button, the user signs in to their account.

Joran Vander Mergel (r0950937)  
Lander Dirix (r0933070)

### Story – register poop

As a user

Im able to register my poop

So I can save it to the database.

### Wireframe

The wireframe shows a form for registering a poop entry. It includes the following elements:

- Title:** A text input field.
- Rating:** A row of five stars, with the first three filled.
- date:** A date input field containing '12/02/2024'.
- time:** A time input field containing '16:00'.
- Type:** A grid of 10 icons representing different poop shapes, with an information icon (i) to the right.
- Color:** A 2x4 grid of color swatches.
- size:** A horizontal slider control.
- location:** A map area with a 'search...' input field and a location pin icon.
- example:** A large rectangular area labeled 'example'.
- SAVE:** A button at the bottom right.

### Acceptance criteria

- The necessary input fields are provided.
- When the save button is clicked, a new entry is added to the database.

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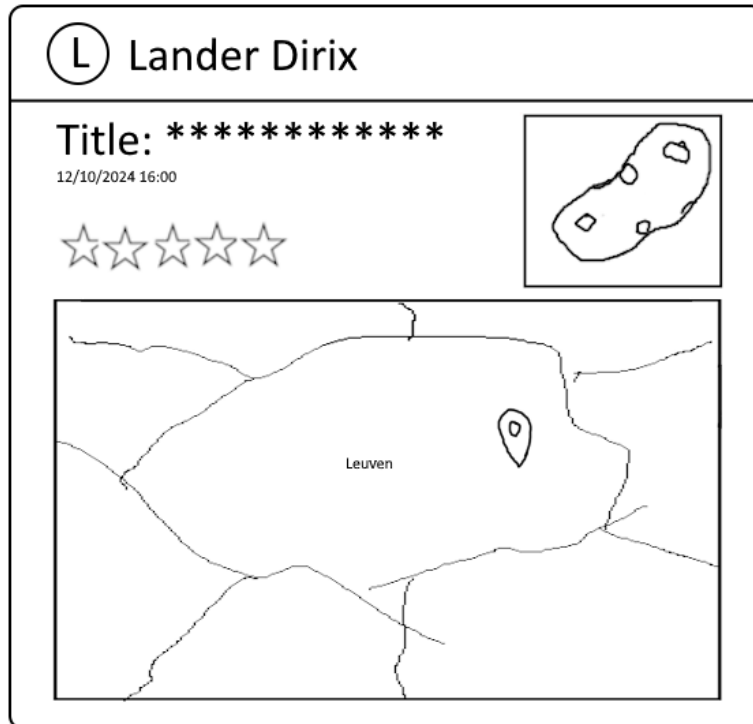
*Story – share with friends*

As a user

Im able to upload my poop

So that I can share it with friends.

## Wireframe



## Acceptance criteria

-Data is displayed, so me and my friends can see it.

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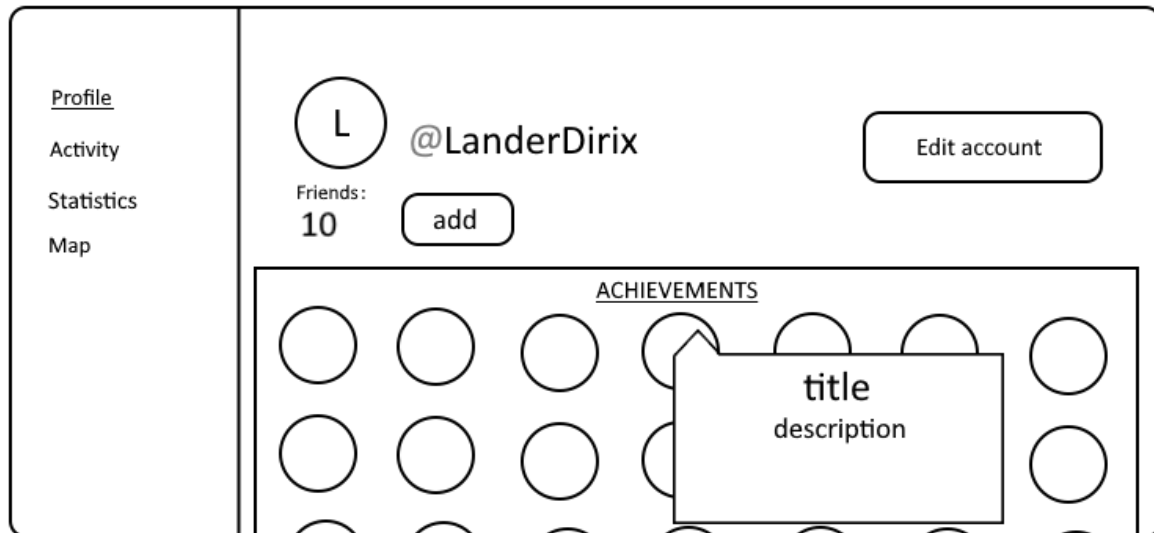
### *Story – manage profile*

As a user

I am able to view my profile

So I can view my analytics, statistics and achievements.

### **Wireframe**



### **Acceptance criteria**

- When going to your account, you enter the profile page where you can edit your account, go to the add friends page and view your achievements.
- When you click the activity tab, you get an overview of your data.
- When you click the statistics tab, all your data is displayed in different kinds of analytics and graphs.
- When you click the map tab, you can see a map of all the locations where you set your data.

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### *Story – add friends*

As a user

I am able to add and remove friends

So they can track my diary.

### **Wireframe**

The wireframe shows a mobile app interface for managing friends. It features a search bar at the top, followed by a section titled 'My friends'. Below this title is a list of four friends: Joran Vander Mergle, Kristophe Kervais, Sophy Kay, and Arne Zetel. Each name is followed by a large 'X' icon, representing a delete button. At the bottom of the interface is a navigation bar with two options: 'my friends' and 'requests', separated by a vertical line.

Search ...	
My friends	
Joran Vander Mergle	X
Kristophe Kervais	X
Sophy Kay	X
Arne Zetel	X
my friends   requests	

### **Acceptance criteria**

-When going to the friends page, an overview of your friends is shown with a delete button next to it.

-When clicking the requests button, all pending friend requests are shown.

-When a name is entered in a search bar, your current friends are shown and below other users are shown with an add button.

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### *Story – get achievements*

As a user

I am able to get achievements

So I can feel accomplished by my poop skills.

### **Wireframe**

Shown in manage profile user story

### **Acceptance criteria**

-A check is performed whether an achievement has been achieved.

-When an achievement has been added, a trophy is displayed in the profile tab

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### *Story – edit data*

As a user

I am able to remove and edit my account data

So I can have control of my own information.

### **Wireframe**

A wireframe of a mobile application screen for editing account data. The screen is a vertical rectangle with rounded corners. At the top, the text 'username:' is followed by an '@' symbol and a text input field containing 'LanderDirix'. Below this, the text 'Edit password:' is followed by a text input field. Underneath, the text 'Confirm password:' is followed by another text input field. In the center of the screen is a rounded rectangular button labeled 'save'. At the bottom of the screen is another rounded rectangular button labeled 'REMOVE ACCOUNT'.

### **Acceptance criteria**

-When going to this page you can edit your username and password and update the data by clicking the save button.

-When clicking the remove account button the account will be removed after a confirmation dialog.

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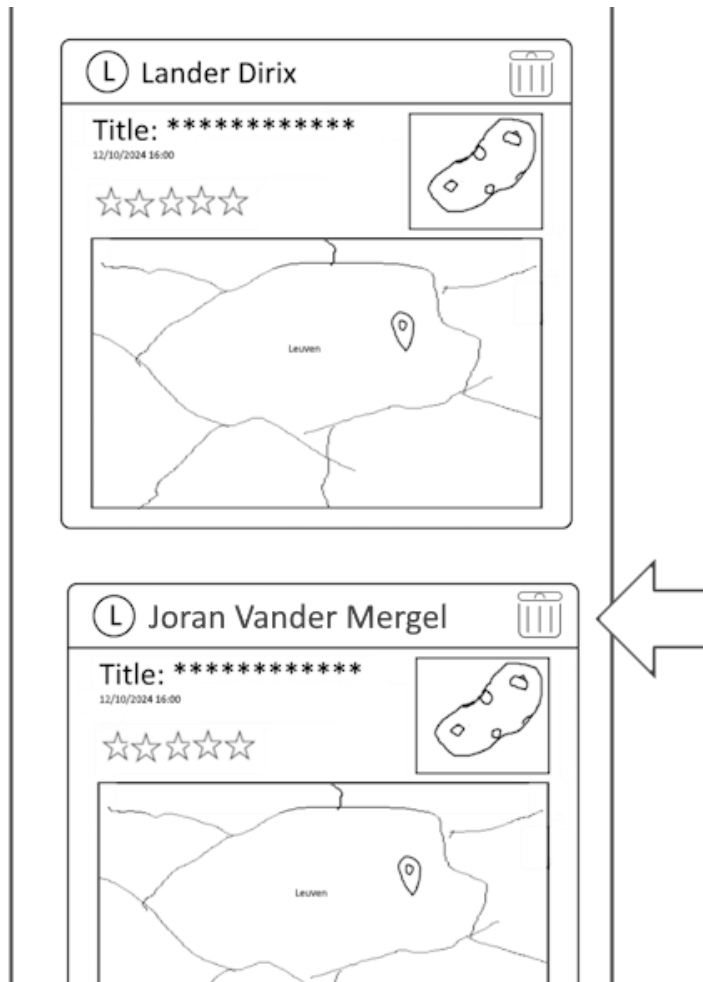
### *Story -moderate data*

As a moderator

I am able to remove user data

So that nothing inappropriate can be posted.

### **Wireframe**



### **Acceptance criteria**

-When a moderator is logged in, they can view all posts and delete inappropriate data.



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### *Story – admin panel*

As a administrator

I am able to view the database

So that I can fix errors in the system.

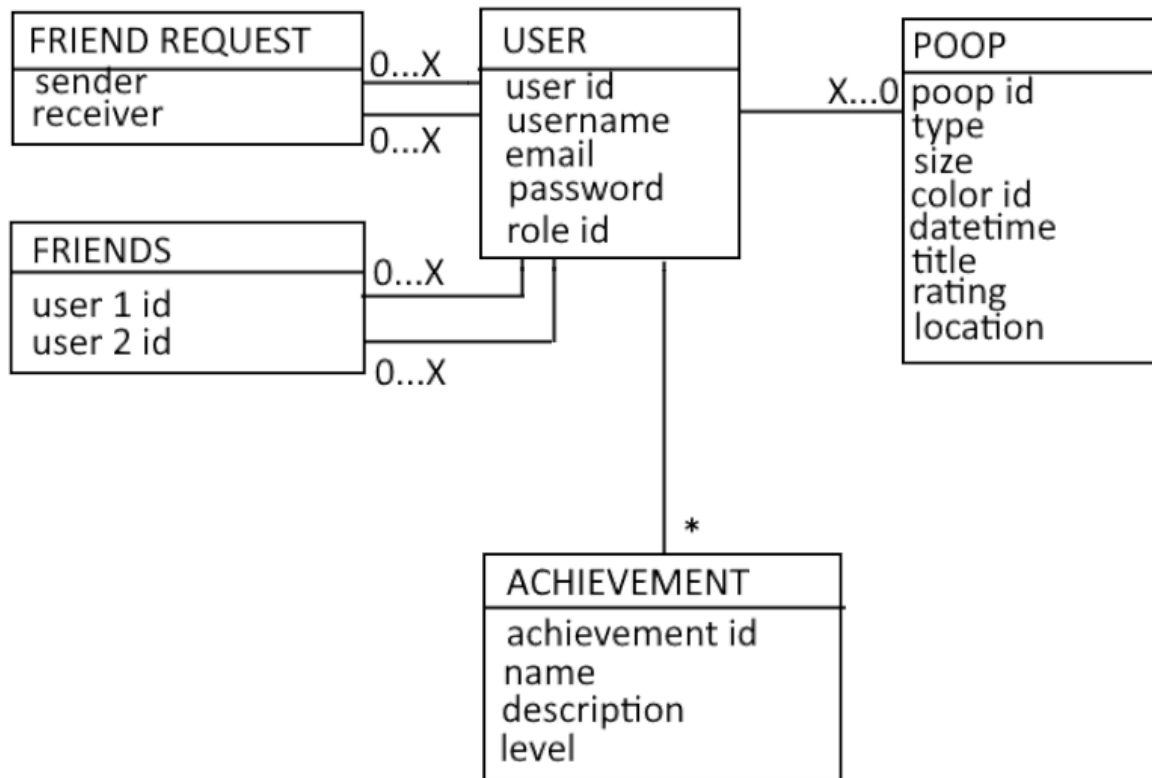
### **Wireframe**

<u>user id</u>	<u>username</u>	<u>email</u>	<u>Sidebar</u>	
1	Lander	Lan	Poops	+
2	Joran	Joran	Achievements	+
3	Ron	Ron@	Friends	+
			Friend requests	+

### **Acceptance criteria**

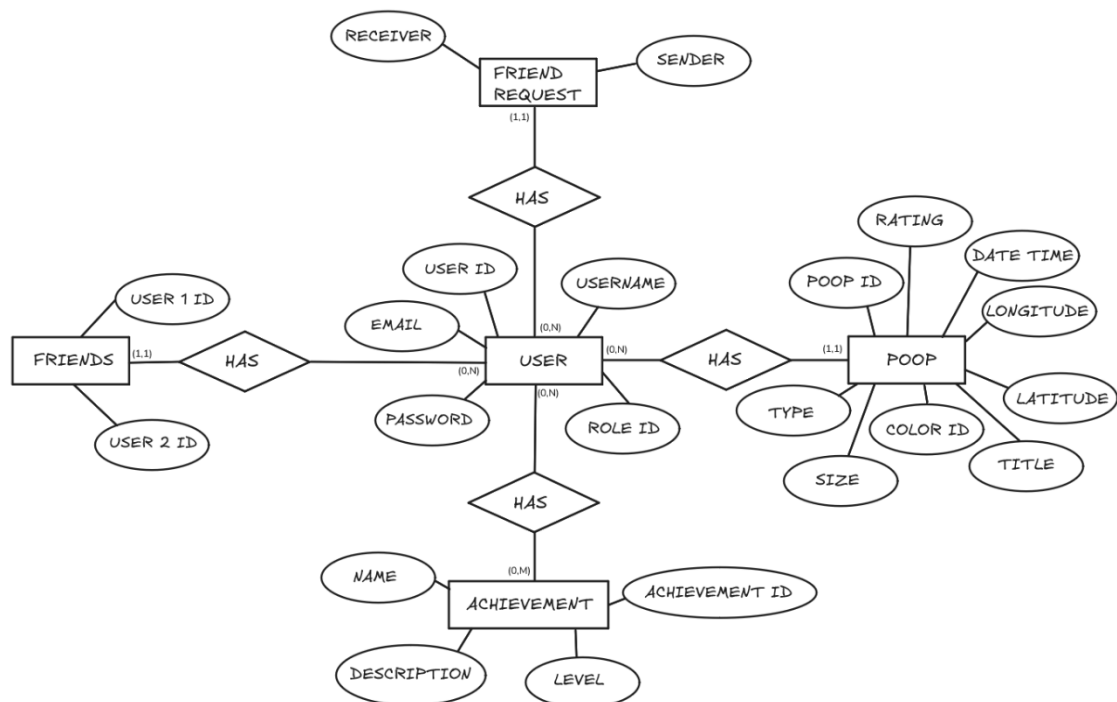
-When going to the admin panel, the administrator will have the ability to manage users and their respective data.

## Domain model



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## Conceptual model



## Logical model

