Assignment 1: Project Analysis

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Project description:

Title: FitMe

Description: With the FitMe app users are able to keep track of their workouts. Admin users are able to create, delete, update exercises. These exercises can be used so that users can create their own custom workout. The workouts will be saved in a overview so that the users can keep track of these.: Users are also able to create a pos. This way they can share their workout with other users so that they can use this as their inspiration. Or they can ask for help or give tips to other users For this users have to register a account which will link to profile. On the profile page users can find all of their info including a dynamically calculated BMI.

User stories:

Title: Workout overview

As a user

I have an overview page of my workouts

So that I can see which workouts I did and their info.

Wireframe:

Workouts:

Name:	Intensity:	Type:	Duration (minutes):	Burned calories	Date
Chill cardio	Low	Cardio	50	50	5/10/2024
Backkiller	High	Strength	90	120	12/9/2024

Acceptance criteria:

-The workouts need to be sorted based on date, most recent first.

-If no workouts done, the message “No workouts done yet, get to work”. Is shown

Title: Add workout

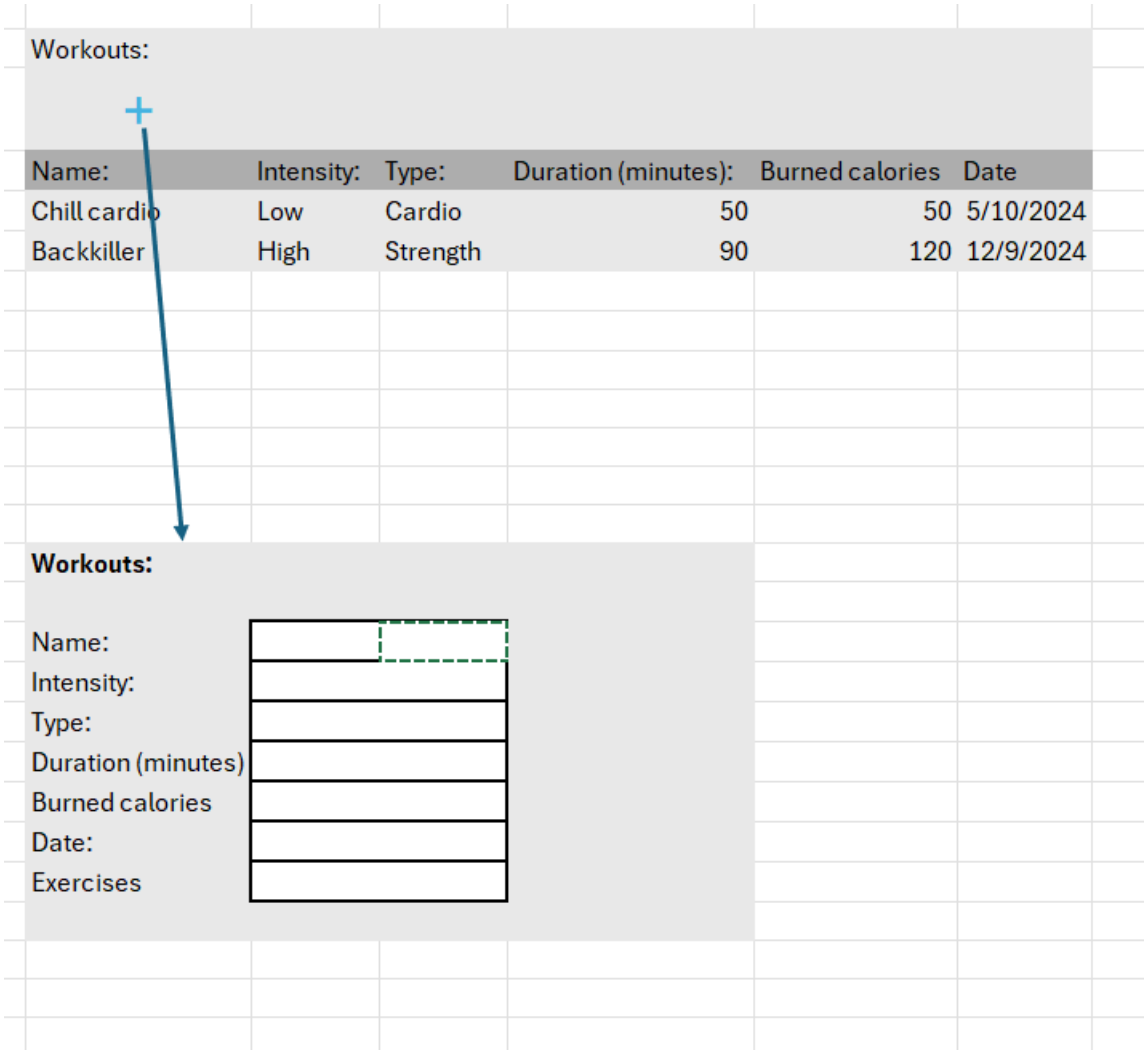
As a user,

I want to be able to create workouts

So that these appear in my overview

And I can use these to create a post

Wireframe:



Acceptance criteria:

- In string fields only strings are allowed else a appropriate message is shown
- In number fields only numbers are allowed else a appropriate message is shown
- Blank fields are not allowed
- Fields cant have a extreme long length

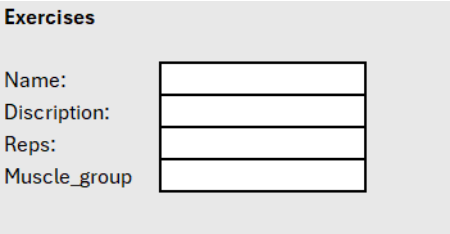
Title: Create exercise

As a admin,

I am able to create exercises

So that users can use these in their workouts

Wireframe:



Acceptance criteria:

- In string fields only strings are allowed else a appropriate message is shown
- In number fields only numbers are allowed else a appropriate message is shown
- Blank fields are not allowed
- Fields cant have a extreme long length

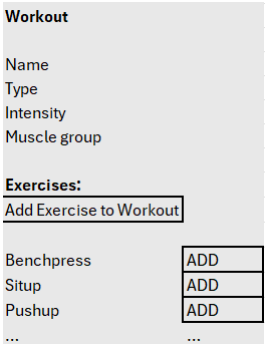
Title: Add Exercise To Workout

As a user,

I want to add exercises to my workout

So that I can view these in my workout info page

Wireframe:



Acceptance criteria:

- A exercise can only be added to a workout once
- Give a message when there are no exercises in a workout
- Give feedback wether a exercise is added successfully
- Give feedback wether a exercise failed to be added to a workout

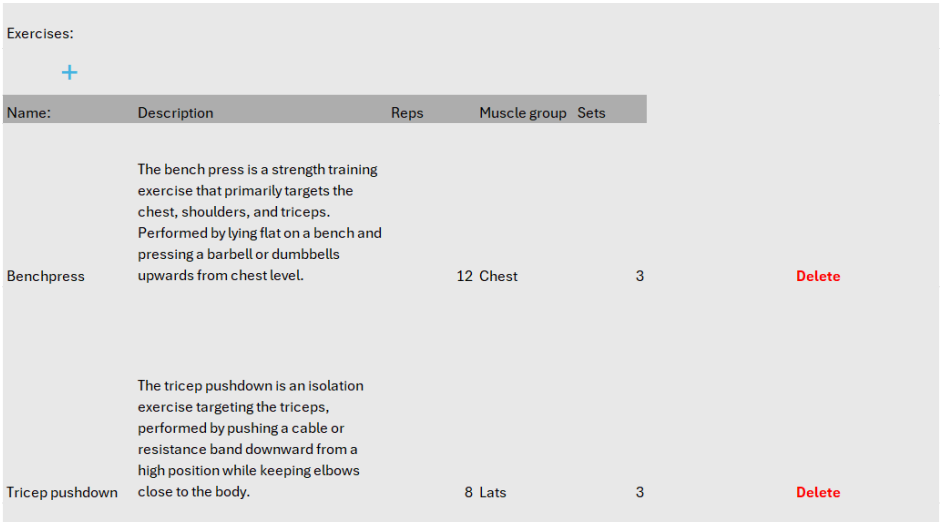
Title: Delete exercise

As a admin,

I am able to delete exercises

So that users are not able to use them in their workouts anymore

Wireframe:



Acceptance criteria:

-When clicking the delete button a popup should appear to reassure that the admin wants to delete set exercise

-If clicked no the exercise still exists, if clicked yes the exercise is removed from the overview

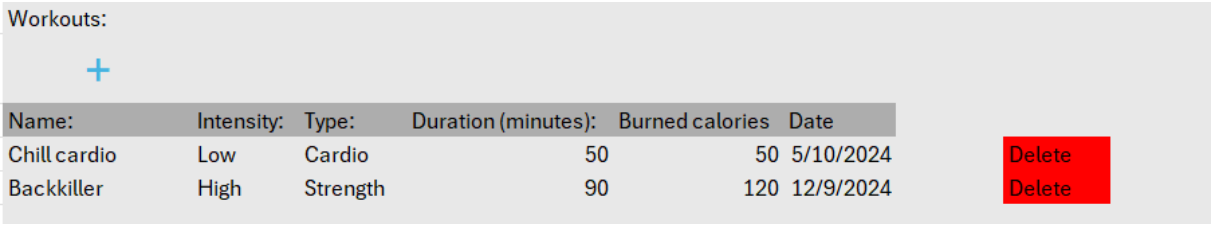
Title: Delete workout

As a user,

I am able to delete my workout,

So that they don't appear in my overview anymore

Wireframe:



Acceptance criteria:

-When clicking the delete button a popup should appear to reassure that the user wants to delete set workout

-If clicked no, the workout still exists, if clicked yes the workout is removed from the overview

Title: Register

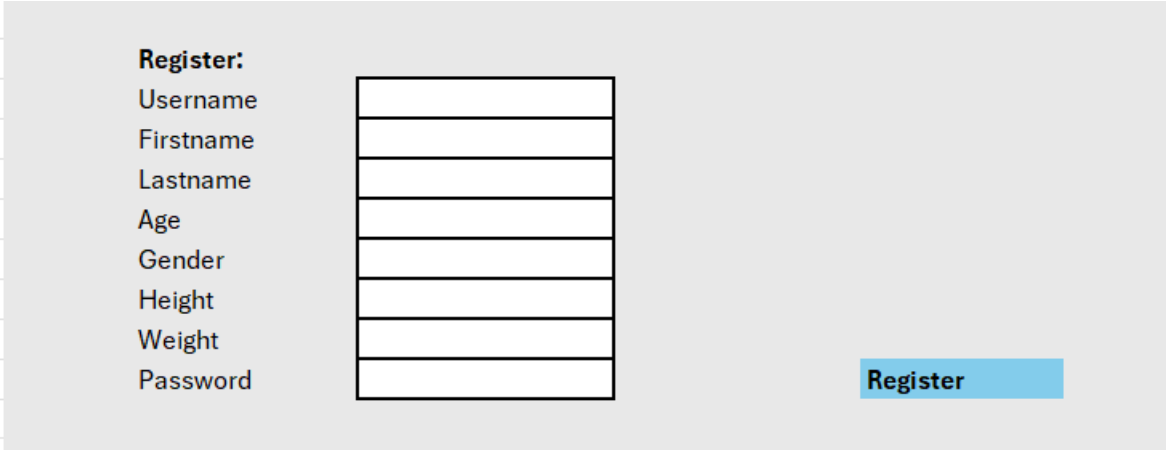
As a user

I can register myself

So that I create a account

AND can login with my credentials

Wireframe:



Acceptance criteria:

-Appropriate validation on all fields (length, symbols, notblank etc)

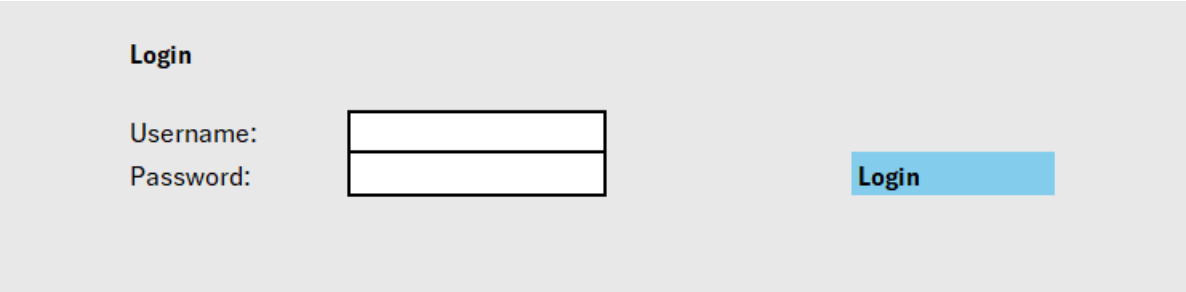
Title: Log in

As a registered user,

I am able to login using my credentials

So that I can view my workouts and get access to my profile

Wireframe:

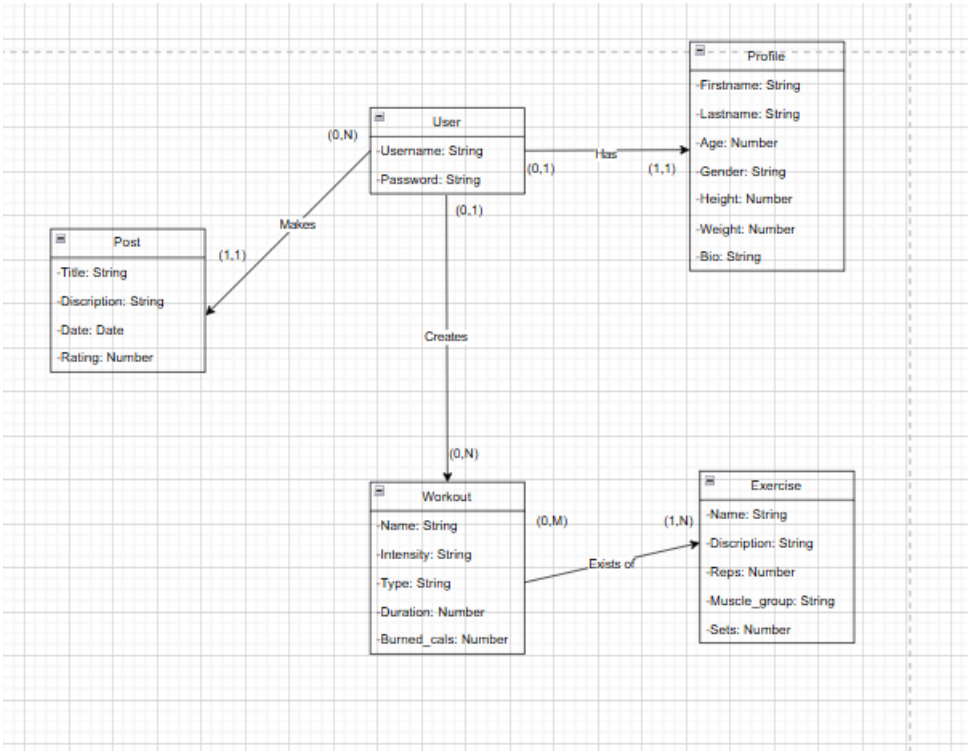


Acceptance criteria:

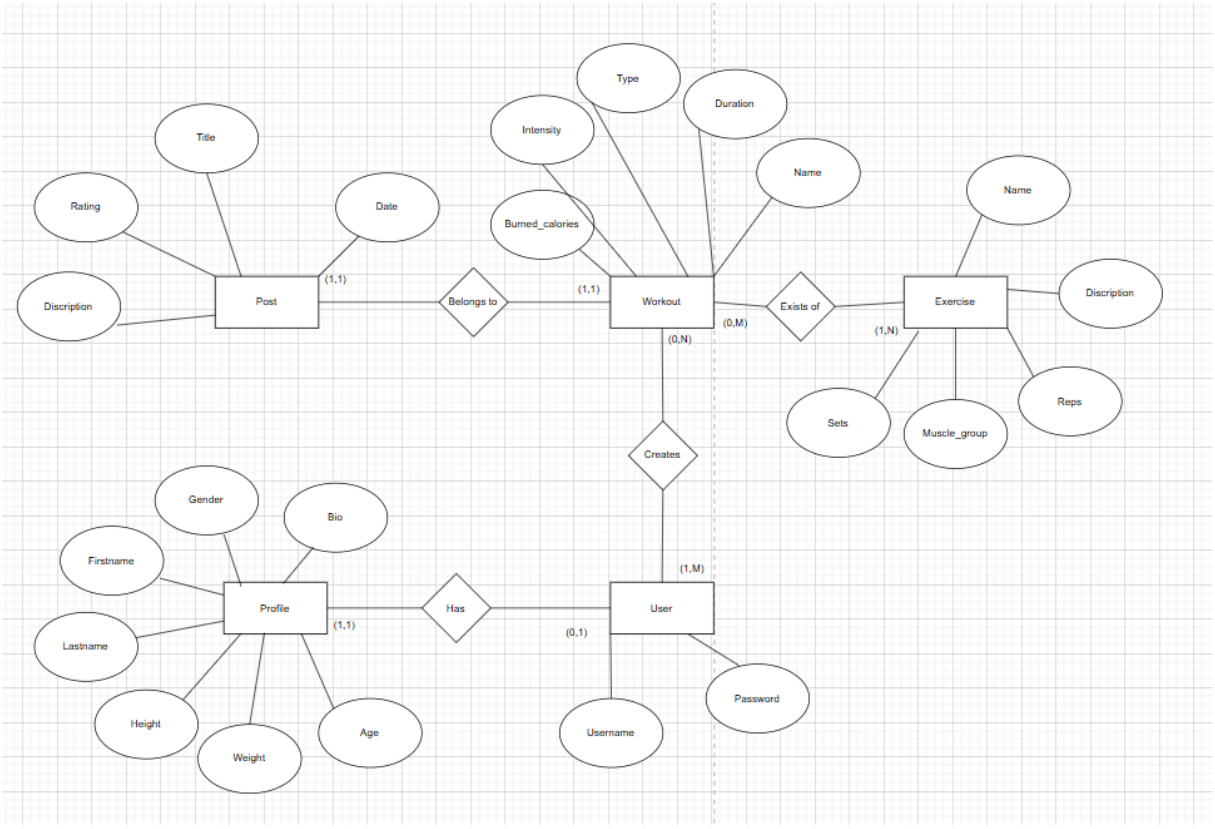
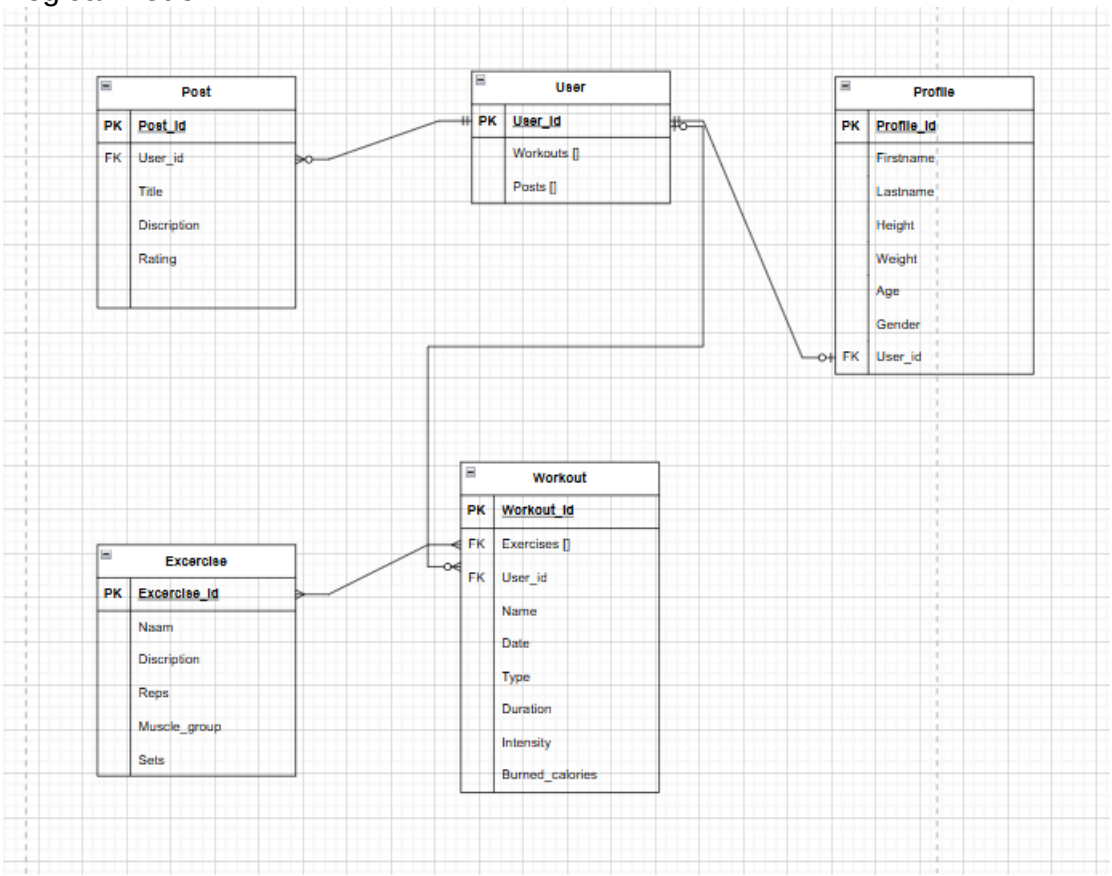
-When entered the wrong username the message “Incorrect username” is shown

-When entered the wrong password the message "Incorrect password” is shown

Domain Model:



Conceptual model:



Logical model: