

Project analyse

Project pitch

Title: FitFait

Description: With the FitFait app,

we want users to be able to track their weight, PR's, how often they workout, and schedule their workouts.

We also want to give diet advices. users can (re)schedule workouts, invite friends to workouts and ask for diet plans.

The first day of each month we ask their weight and PR again. That way we can update their profile, and we can give an overview of their progress.

User stories

Story 1: Register user

As a user, I'm able to create an account with my email and a password, so that I can keep my account secure.

Acceptance criteria

- If there is an empty field, an error is raised: "... can not be empty"
- Name and first name must only contain letters, otherwise an error is raised: "Name and first name can only contain letters."
- Email must be valid, otherwise an error is raised: "Given email is invalid."
- Day of birth can not be in the future, otherwise an error is raised: "Day of birth can not be in the future"
- If there is already an existing account for the given email, an error is raised: "There is already an existing account for this email"
- If the password does not match the given criteria, an error is raised: "The password contain at least 8 characters, 1 capital letter and 1 number."

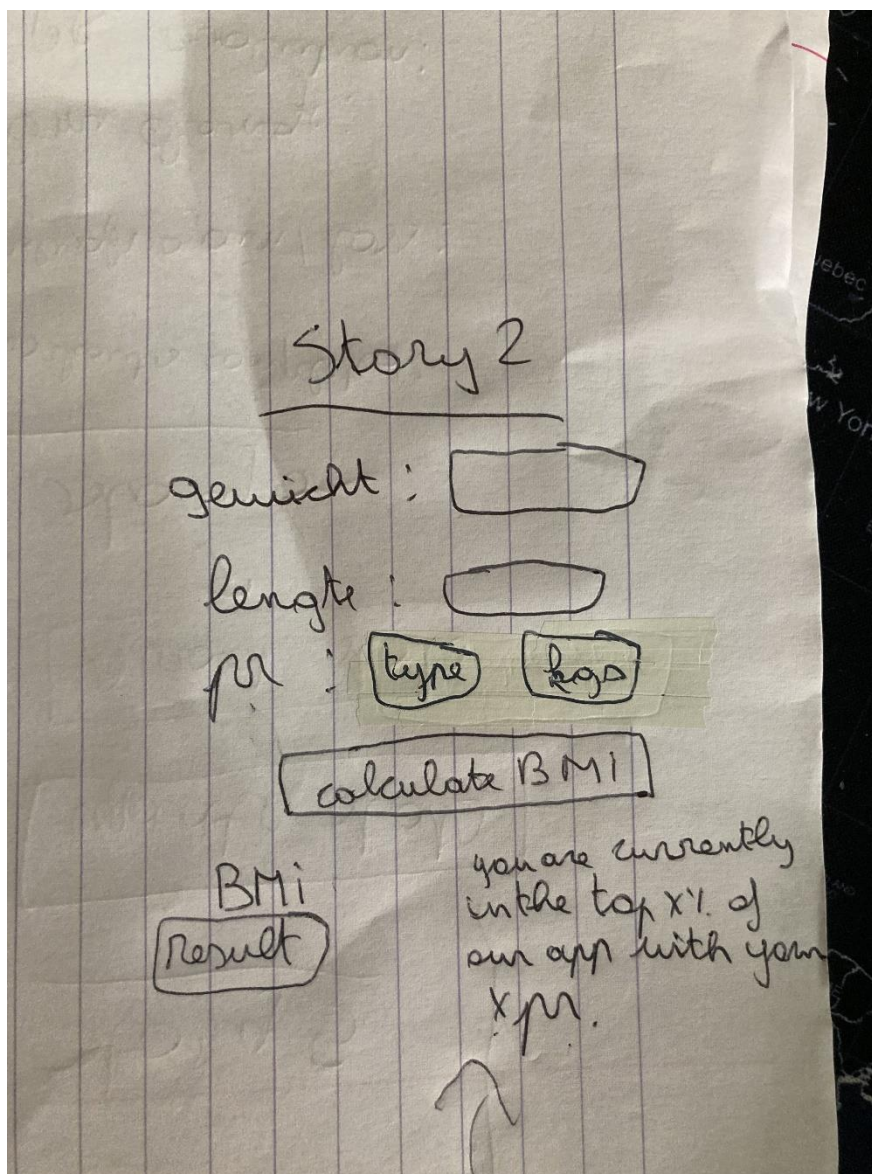
A hand-drawn sketch of a registration form on lined paper. The title 'Story 1' is written at the top. Below it, there are two columns of input fields. The left column contains fields for 'voornaam' (first name), 'email', and 'password'. The right column contains fields for 'naam' (last name), 'geboortedatum' (date of birth) with a calendar icon, and 'geslacht' (gender) with a dropdown arrow. At the bottom, there is a 'Create account' button. The sketch is drawn in black ink.

Story 2: Enter progress stats

As a user, I'm able to enter my weight/length/pr, so that the app can show my BMI and tell me if I'm strong.

Acceptance criteria

- If there is an empty field, an error is raised: "... can not be empty"
- Length and weight can not be 0 or lower, otherwise an error is raised: "Length and weight can not be 0 or lower."
- PR weight can not be 0 or lower, otherwise an error is raised: "PR weight can not be 0 or lower."
- The new entered data should not replace the "old" data but kept in an array with all the previous data so we can easily keep track of the progress.

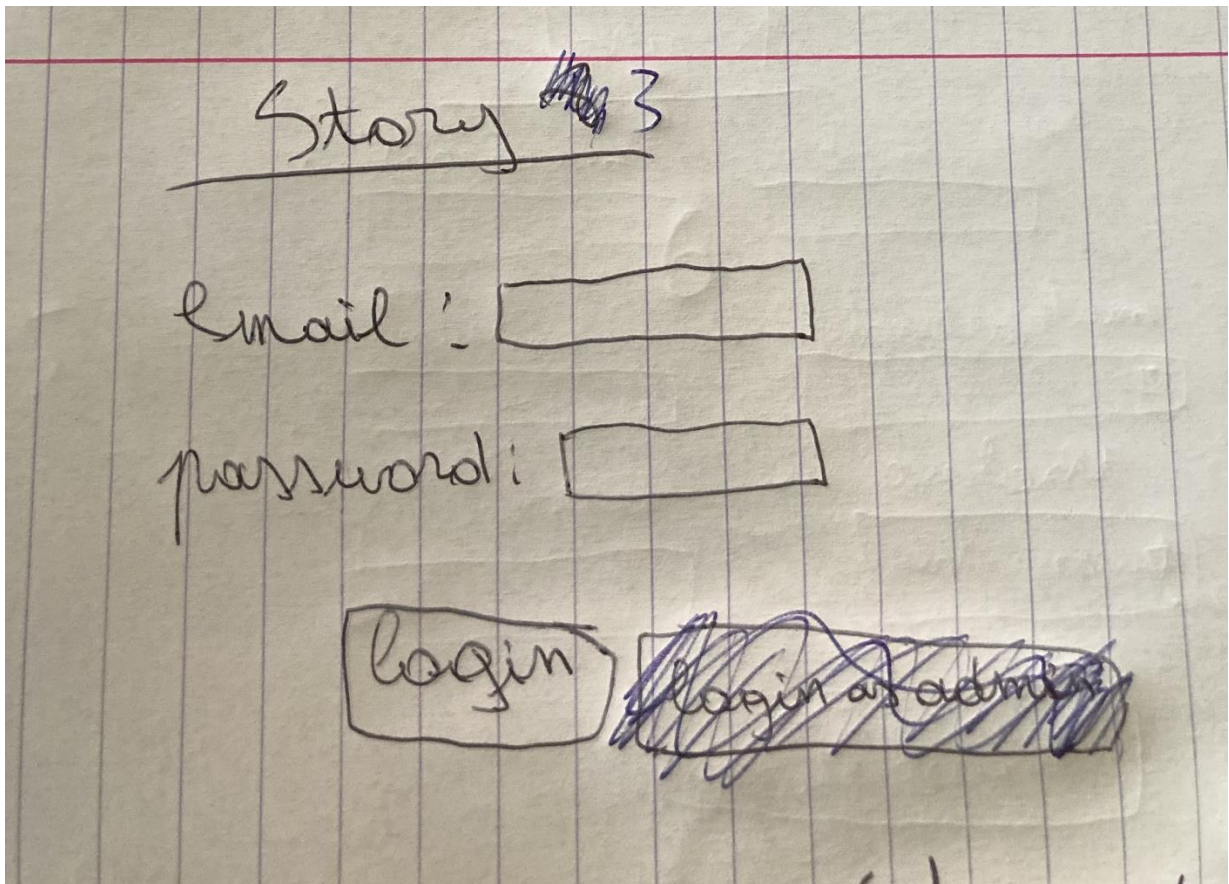


Story 3: Login user

As a user, I'm able to log in if I already have an existing account, so that I can keep my progress.

Acceptance criteria

- The password must be replaced by asterix's
- If the email and password do not match an account, the error is raised "email and password combination is not valid"

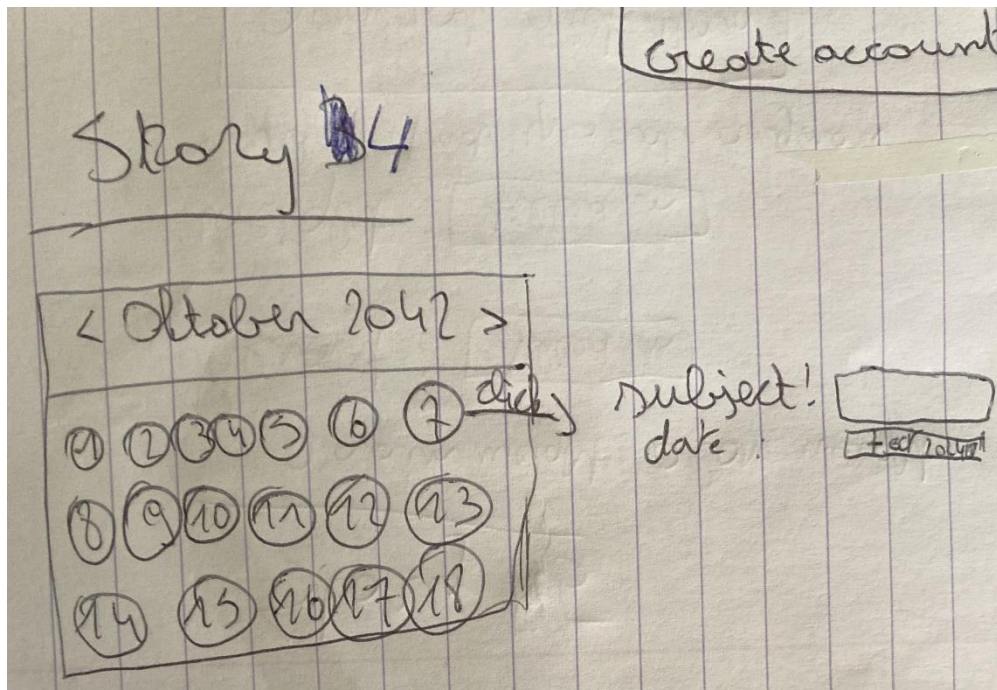


Story 4: Schedule workouts

As a user, I'm able to schedule and re-schedule my workouts, so that I can keep track of how much I work out.

Acceptance criteria

- A subject and date is required when scheduling a workout, otherwise an error is raised: "Subject and date can not be empty."
- A date of the workout can not be in the past, otherwise an error is raised: "Workout can not be planned in the past."
- You can not reschedule a workout from the past. (eg. If you didn't finish your workout yesterday, you can not reschedule it to tomorrow)



Story 5: Generate diet plan

As a user, I'm able to generate a diet plan, so that I can lose/gain weight.

Acceptance criteria

- Ask the user if the current data (weight, length ...) are still correct, the user can change them if needed.s
- The user has to choose between gaining or losing weight before the diet plan shows up.

Handwritten user story on lined paper:

Story 5

☐ gain weight ☐ lose weight

height :

weight :

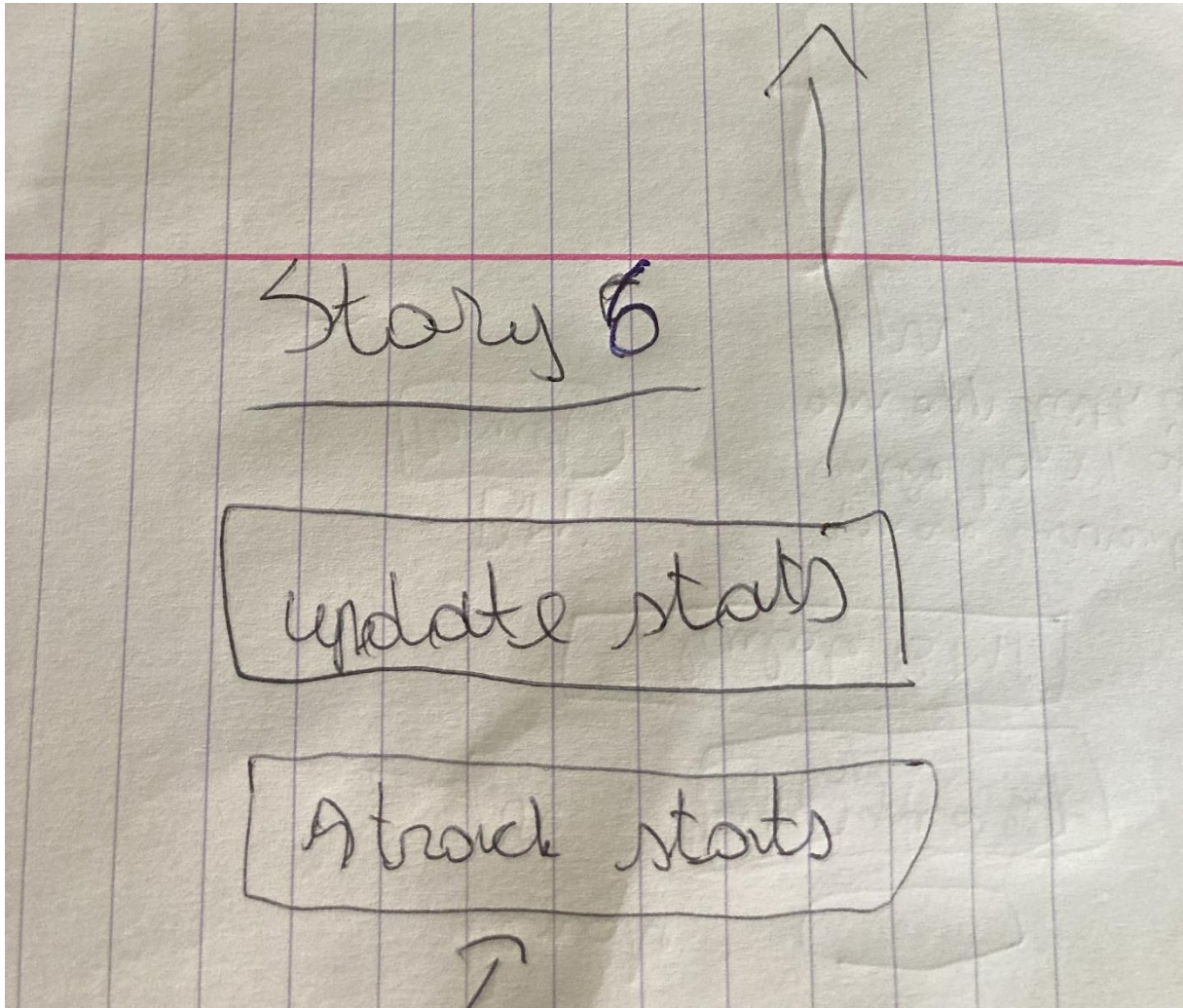
* update if not up to date anymore

Story 6: Update stats

As a user, I'm able to update my stats (weight, pr, length), so that the app can track my progress

Acceptance criteria

- When a user clicks the "Update stats" button, the user can change it's stats from the window of "enter progress stats".

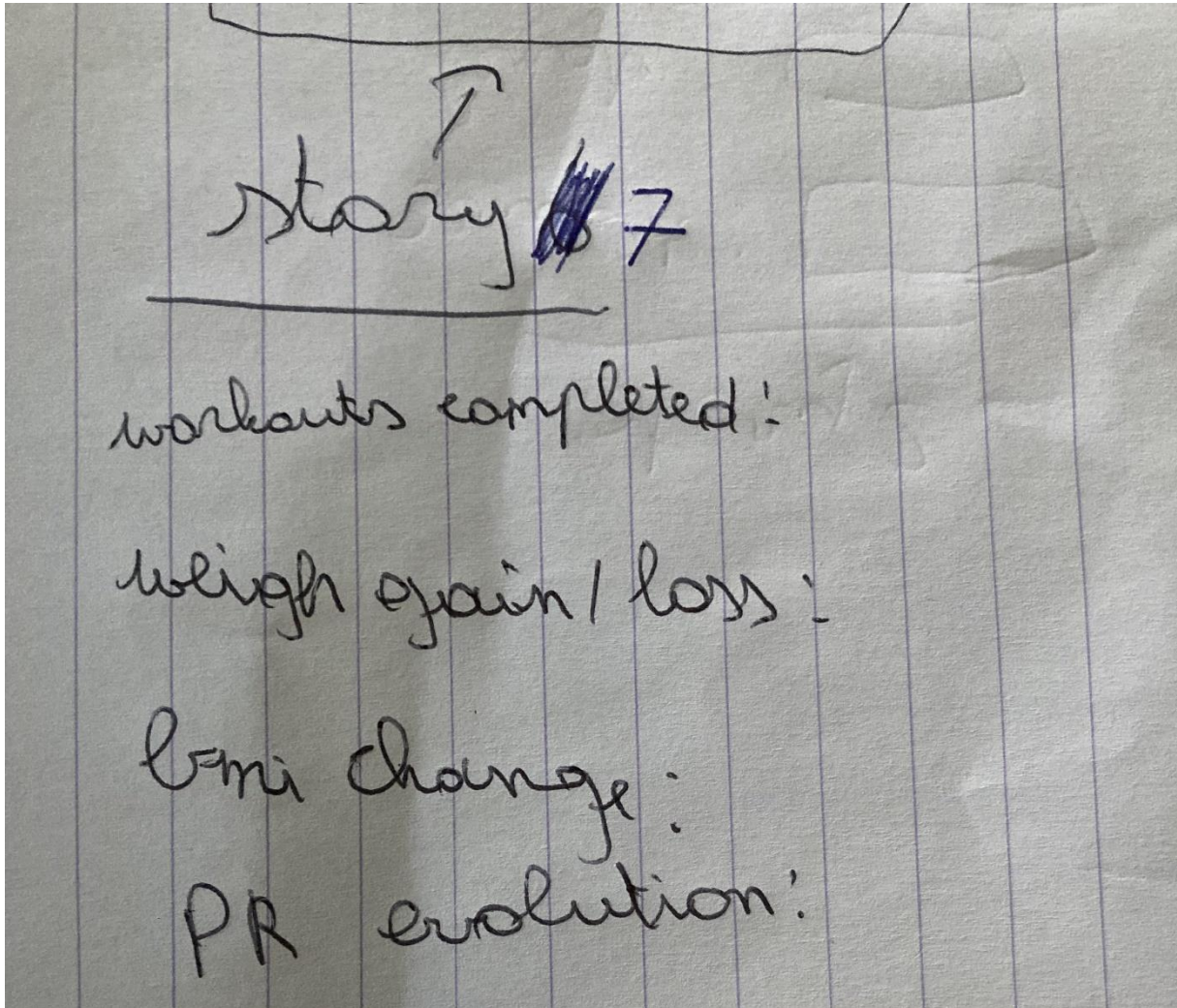


Story 7: Stats overview

As a user, I'm able to ask an overview of my stats, so that I can look at my progress.

Acceptance criteria

- When a user clicks the "Track progress" button, the user gets an overview of his stats since the use of the app.
- The user must be able to see his total workouts, average amount of workouts per week/month, weight gain/lose, bmi change, PR evolution.



Story 8: Feedback

As a user, I'm able to give feedback of the app, so that I can help the app improve.

Acceptance criteria

- When the users clicks the "Give feedback" form, he must be able to send us a message where he can give as much feedback as he wants.

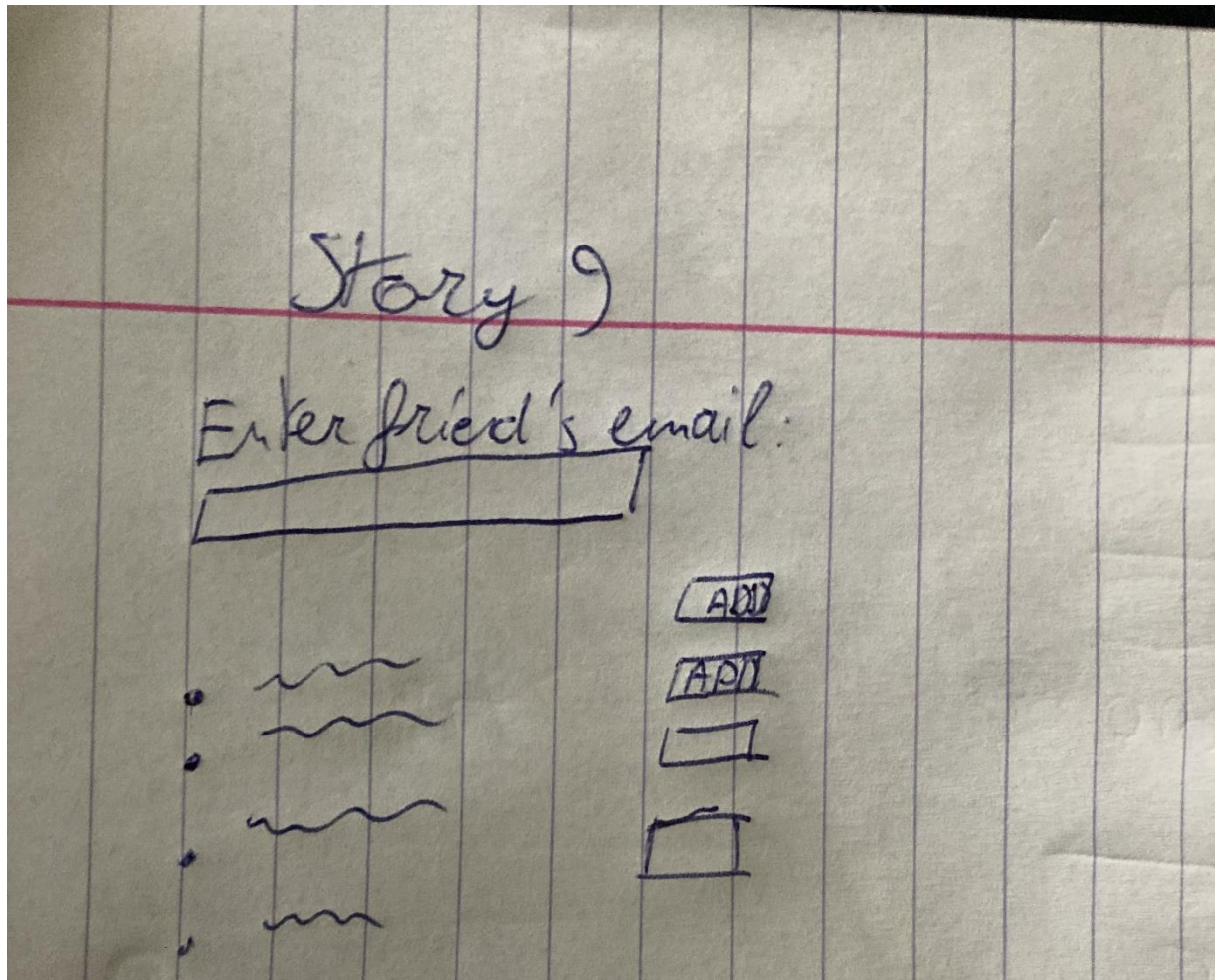
A hand-drawn sketch of a feedback form on lined paper. The title "Story 8" is written at the top and underlined. Below it, there are three fields: "name:" followed by a box containing "filled in", "e-mail:" followed by a box containing "filled in", and "message:" followed by a large empty rectangular box.

Story 9: add friends

As a user, I'm able to add other users as friends, so that I can invite them to my workouts.

Acceptance criteria:

- A user should be able to find friends via email, if there or no email addresses found, the message "No results" should be displayed.

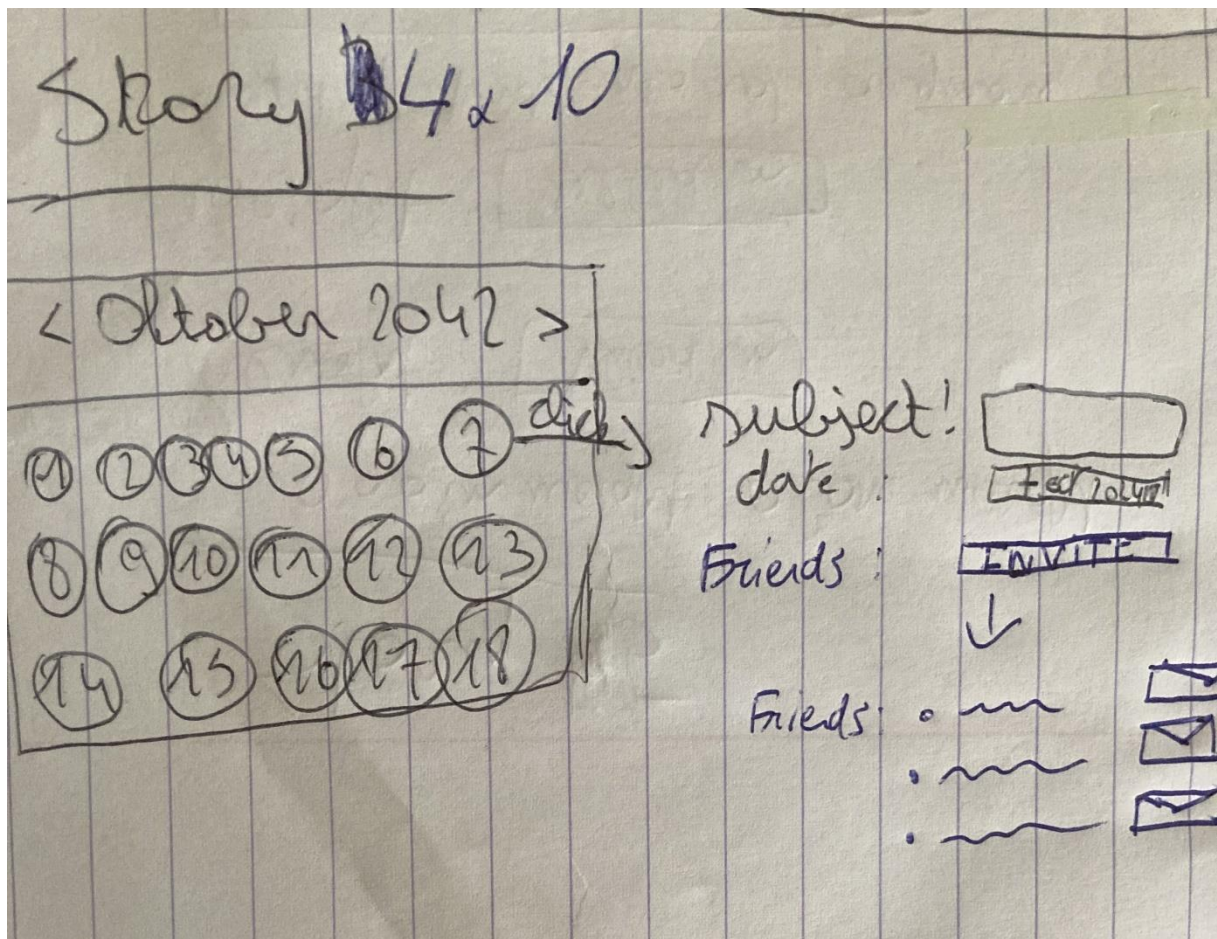


Story 10: Invite friends to workout

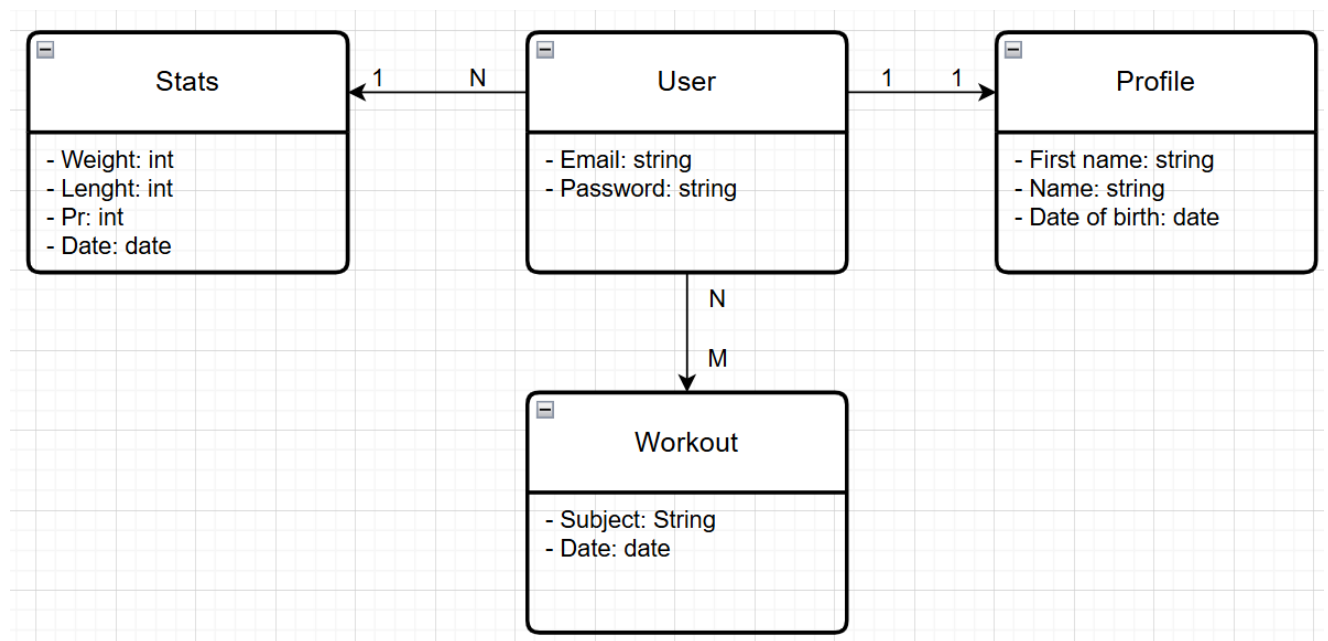
As a user, I'm able to add a friend to my workout, so that we can work out together

Acceptance criteria:

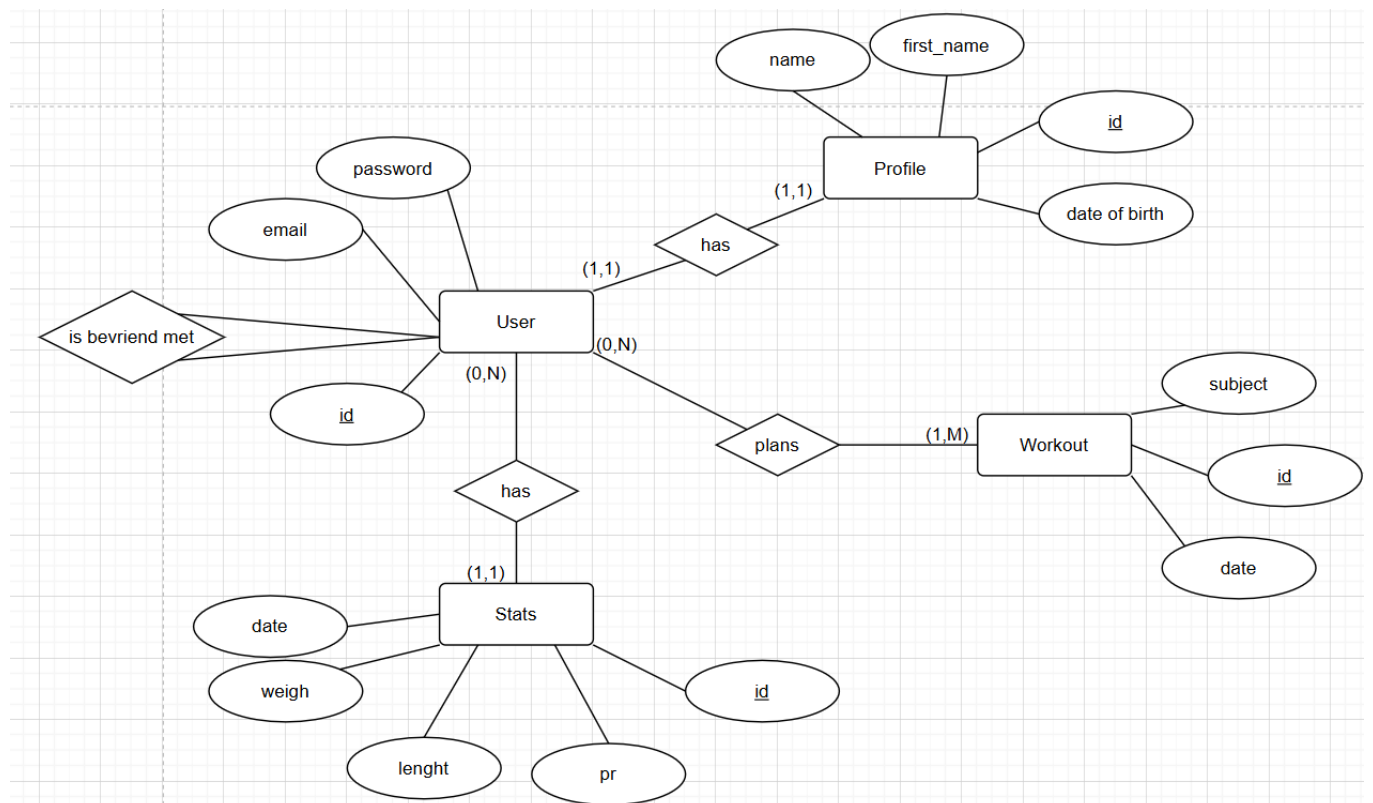
- A user can invite a friend when they are planning a workout, but also to upcoming workouts that are already planned.
- A user can not invite a friend to a workout from the past.



Domain model:



Conceptual model:



Logical model:

