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Training Finder Application

Home project in subject Building Distributed System (ICD0009)

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Tallinn 2022

Author's declaration of originality

I hereby certify that I am the sole author of this thesis. All the used materials, references to the literature and the work of others have been referred to. This thesis has not been presented for examination anywhere else.

Author: Artjom Strelkov

18.02.20

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1 Application overview

1.1 Introduction

Training Finder is an application which helps people to find like-minded sport-friends much easier, as well as to earn some money. Training Finder helps quickly check the places near and find way to get fit. Training Finder allows to increase motivation, as it is much more motivated and convenient to exercise with someone. Training Finder suits absolutely any type of people and does not contain any boundaries. A simple interface allows to select a day, location, type of training, as well as the cost of training with only a couple of clicks.

1.2 Initial stage

Features in initial stage are following

Users can:

- get list of workouts for specified day
- add workout
- register for training
- filter workouts as well as get detailed information about the workout
- see the workouts on the map
- view workout history
- see the rating of users participating in the training
- write and get reviews on specified

1.3 Further development

After completing the initial stage, I would like to implement this things:

- make a system for paying for training

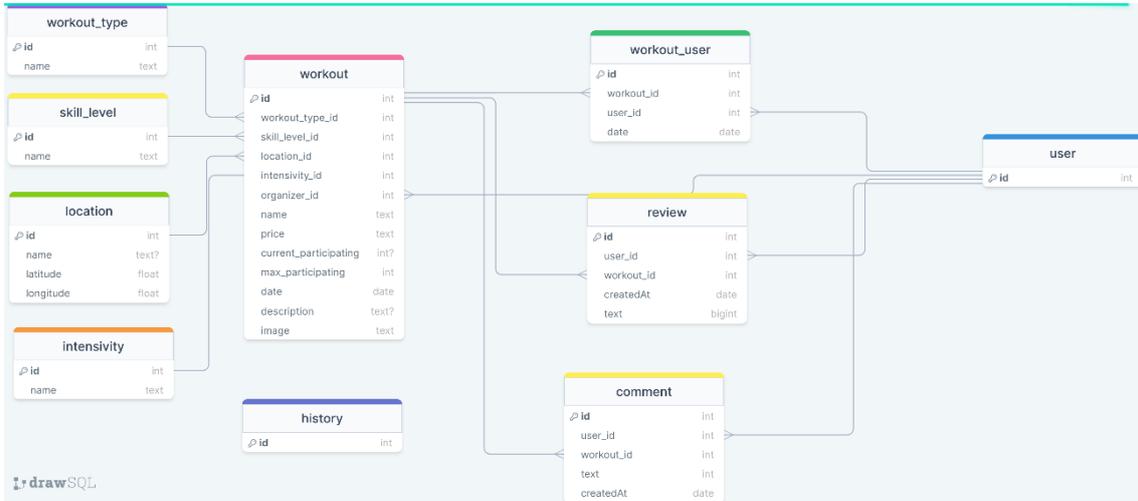
- make complete training statistics, with graphs and a complete analysis of activity by day, week, month

1.4 Post development analysis

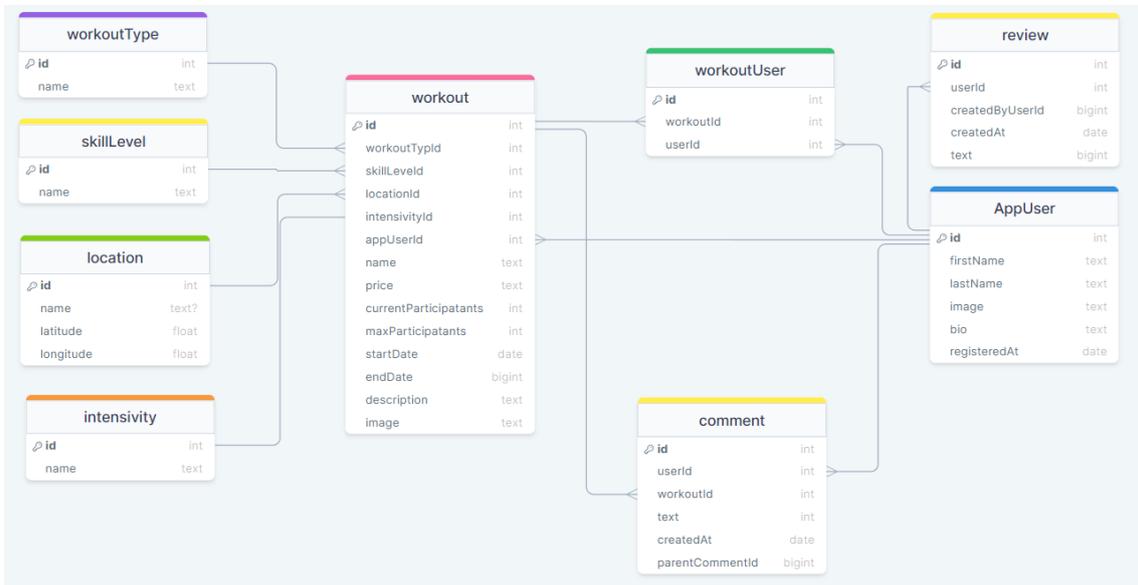
All initial development milestones have been achieved. Also in addition, comments for workouts have been created so that users can leave and reply to comments. The original ERD scheme has been changed, new values have been added to the user table, workout table and deleted relations between workout and review. The design of the application was made according to the original sketch.

App is using clean architecture with all layers (Domain, DAL, BLL, Web). Also mapping between 3 layers. The main functionality of the application has been created, which allows to proceed with further development steps indicated in paragraph 1.3.

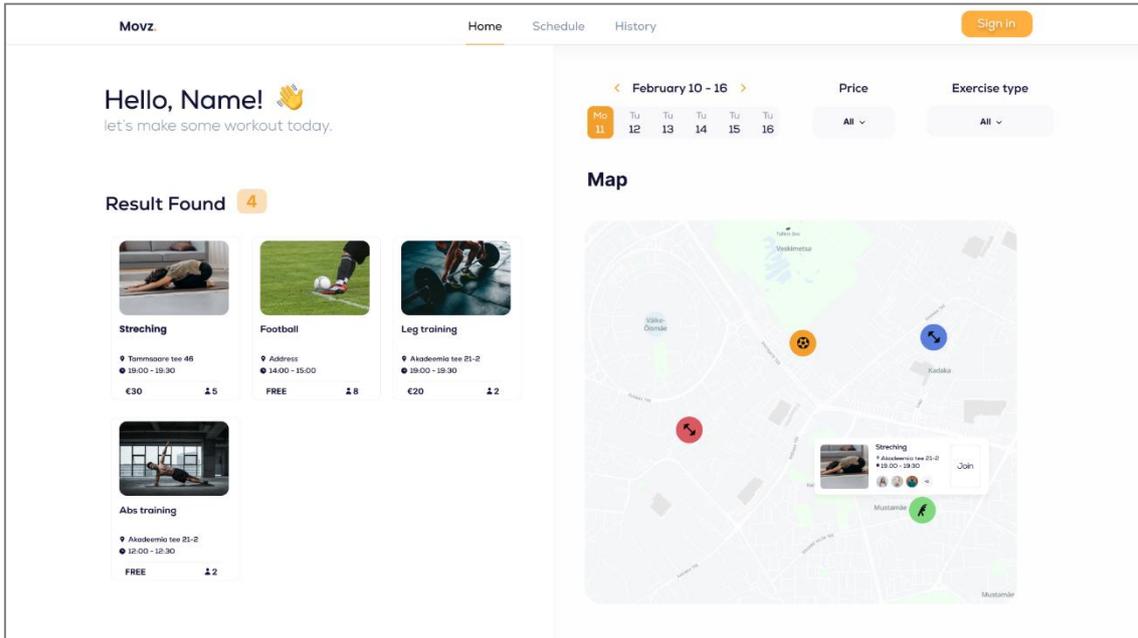
2 Initial ERD Schema



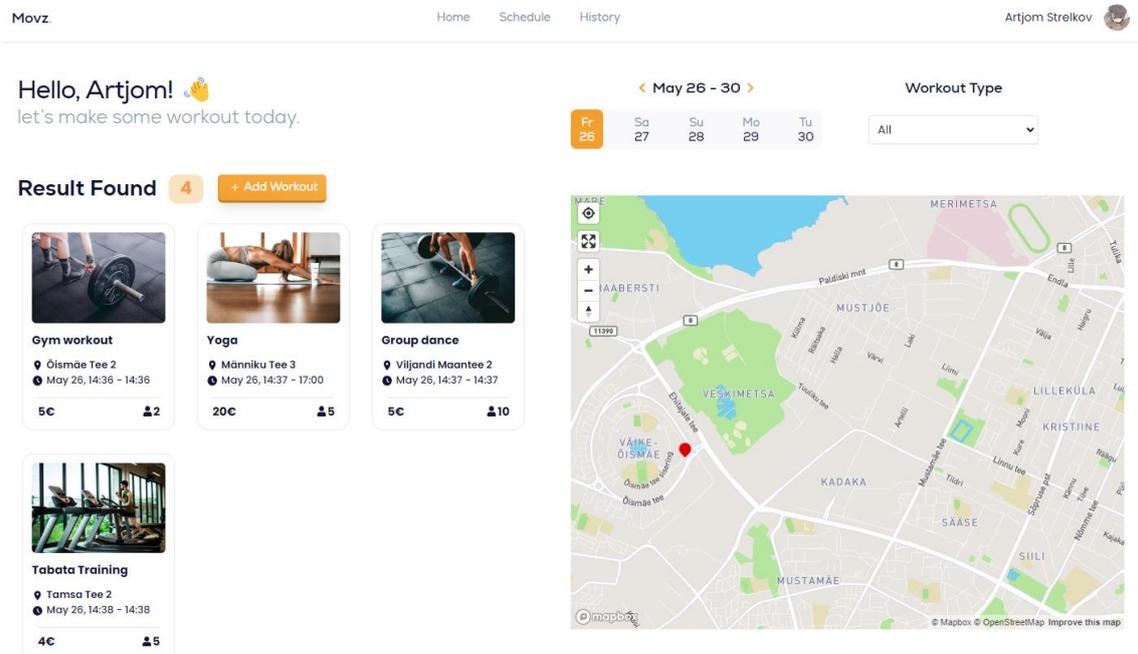
3 Final ERD Schema



4 Initial Application Design



5 Final Initial Page Design



6 Final Workout Page Design

Movz. Home Schedule History Artjom Strelkov

Yoga JOINED

Flexibility and stretching Intermediate

Organizer: Artjom Strelkov

Participants: 1

Price: 20 €

Date: May 26, 14:37 - 17:00

Location/Address: Männiku Tee 3

Intensity:

Description

This yoga workout is designed to improve both strength and flexibility while promoting a sense of calm and balance. Find a quiet and comfortable space where you can move freely without distractions.

Comments | Map

join!

[Post comment](#)

Artjom Strelkov May 26, 15:31

join!

[Reply](#)

7 Final Profile Page Design

Movz. Home Schedule History Artjom Strelkov



Artjom Strelkov

Joined 26 May 2023

Stats

- 1 Comments
- 1 Workouts participated
- 5 Posted Workouts

Added workouts:



Weight workout

Paldisi Maantee 2
May 27, 14:39 - 19:30

2€ 5



Tabata Training

Tamsa Tee 2
May 26, 14:38 - 14:38

4€ 5



Group dance

Vijandi Maantee 2
May 26, 14:37 - 14:37

5€ 10



Yoga

Männiku Tee 3
May 26, 14:37 - 17:00

20€ 5



Gym workout

Õismäe Tee 2
May 26, 14:36 - 14:36

5€ 2

[load more](#)

Reviews:

8 Final Schedule Page Design

Movz Home Schedule History Artjom Strelkov 

Schedule 26.05

 Männiku Tee 3

 14:37 - 17:00

 Flexibility and stretching / Intermediate

Yoga

This yoga workout is designed to improve both strength and flexibility while promoting a sense of calm and balance. Find a quiet and comfortable space where you can move freely without distractions.

[more info](#)

9 Final Profile Settings Page Design

Movz Home Schedule History Artjom Strelkov 

Profile settings



Artjom Strelkov

Joined 26 May 2023

[Choose File](#) No file chosen

First Name

Last Name

Bio

[Save changes](#)