sportifyss
Technical specification

The main goal of the project is to connect as many people as possible with an interest in a given sport.

Requirements

- **Facebook login**
- **Creating an event**
- **Joining to an event**
- **Sending a notification to those who joined an event**
- **Storing all the events of this week in a cache**
- **Score system for the rank list**
- **Rank list**

Login page

The first thing you will have to do when entering the website for the first time is to **log in**. In order to do that you will have to click on the button with name "**Facebook**".


After the authorisation you will be redirected to the "**HomePageView**" page.

Menu (Navigation bar)

The menu (navigation bar) is located on the left side of the screen. There are two different menus before and after you log in to your account:

- Before you log in to your account you will be able to see three thing on the menu and they are:
    1. Image holder
    2. Link to the login page
    3. Link to the home page
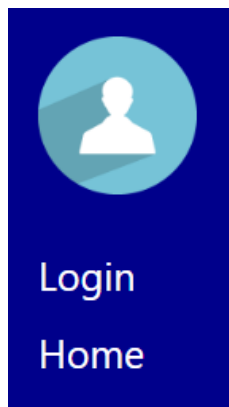
- After you log in you will get redirected to the home page and your menu (navigation bar) will change:
    1. Image holder with your image which is taken from Facebook
    2. Link to the home page
    3. Link to the rank list page
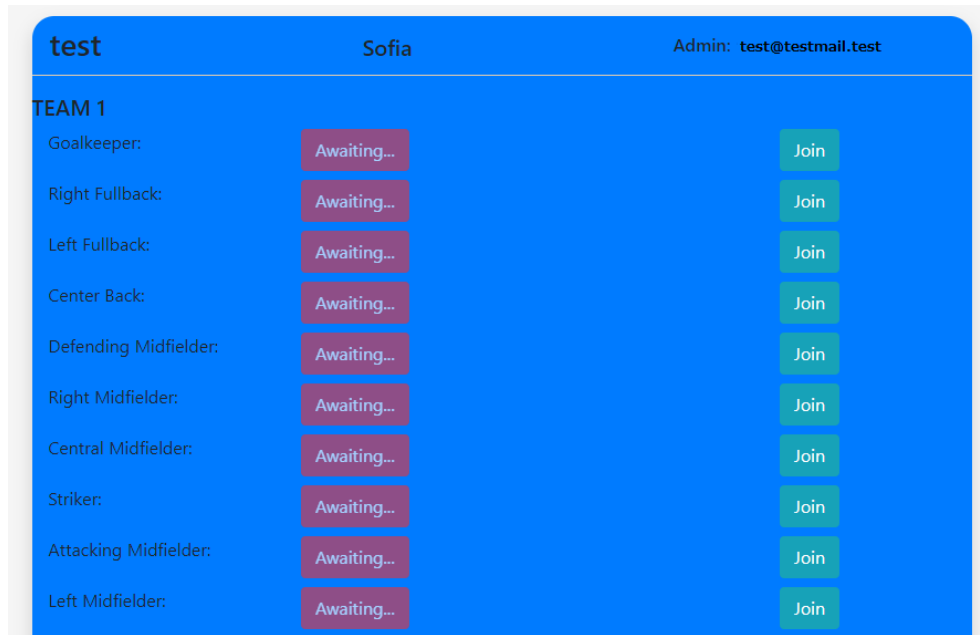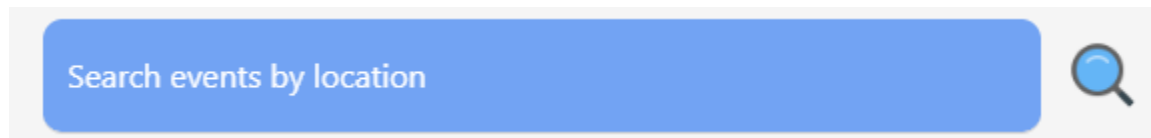   4. Link to your events page
    5. Logout button
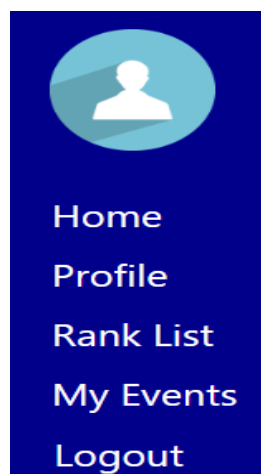
Home page

In the home page you will be able to see and do several things:
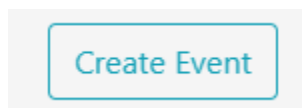
- See all the events of a particular sport for this week
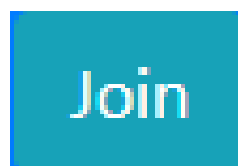

- Search for an event by location in the search field located at the top

- Create an event with the "**Create Event**" button located on the right side of the search field

- Join to an event by pressing the "**Join**" button. After pressing it you will have to wait for the person that created the event to approve you

- See more detailed information about particular event by pressing the "**Info**" button.

After pressing it you will be checked if you are the admin of this event or not.

- As an admin you will be redirected to the "**AdminViewEvent**" page where you can see who want to join the event, to approve their request with the "**Approve**" button or ignore it with the "**Ignore**" button , to edit the event information with the "**Edit**" button or to delete the event with the "**Delete**" button

- As attendee to the event you will be redirected to the "**ViewEvent**" page, where you will be able to see just the details about this particular event

TEAM 1

Goalkeeper:

test_1@test.bg ★★★★★ Ready

Right Fullback:

test_2@test.bg ★★★★★ Ready

Left Fullback:

★★★★★ Join

Center Back:

★★★★★ Join

Defending Midfielder:

★★★★★ Join

Right Midfielder:

★★★★★ Join

Central Midfielder:

★★★★★ Join

Striker:

★★★★★ Join

Attacking Midfielder:

★★★★★ Join

Left Midfielder:

★★★★★ Join

TEAM 2

Right Fullback:

★★★★★ Join

Left Fullback:

★★★★★ Join

Center Back:

★★★★★ Join

Defending Midfielder:

★★★★★ Join

Right Midfielder:

★★★★★ Join

Central Midfielder:

★★★★★ Join

Striker:

★★★★★ Join

Attacking Midfielder:

★★★★★ Join

**Left Midfielder:**

★★★★★ Join

Sweeper:

★★★★★ Join

Profile page

In order to go to your profile page you have to click either on your profile image or the profile link in the menu (navigation bar). Then you will be redirected to the "**Profile**" page where you can see your image picture from Facebook, username and a chart with all the scores that someone give to you. Also on the top of the chart you can see your average score which is later used for the rank list.

test_1@test.bg
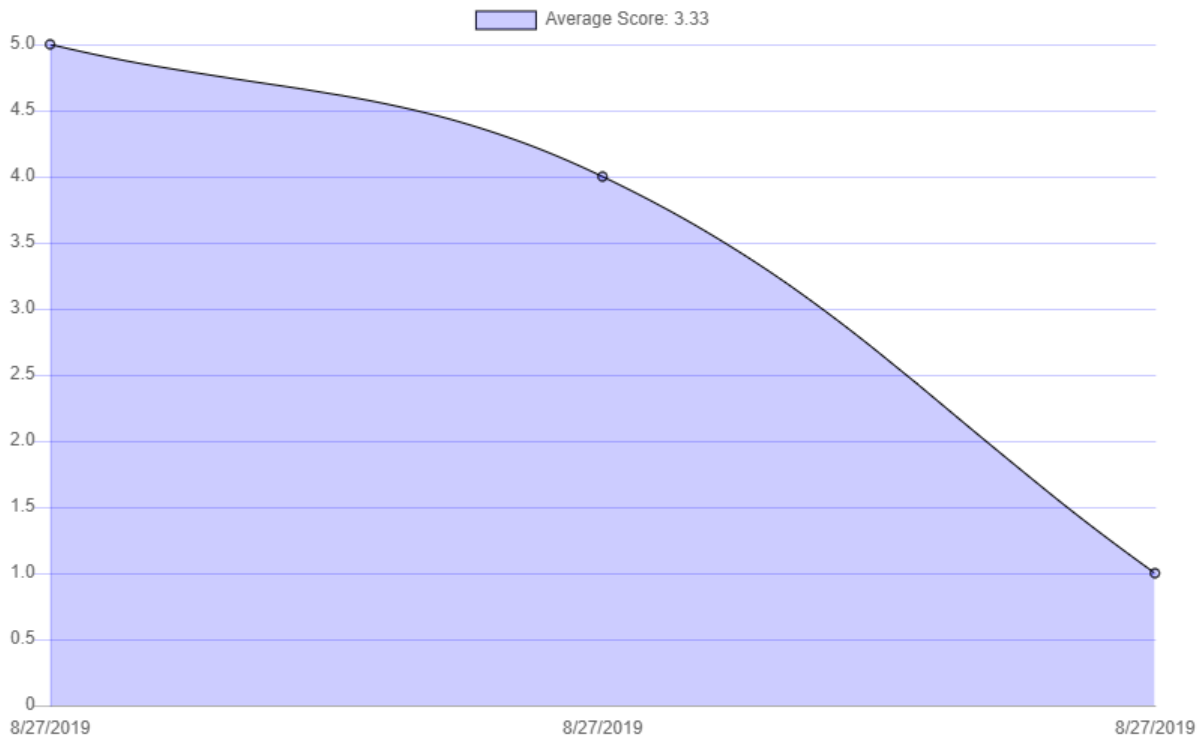
Average Score: 3.33

Rank list page

In order to go to this page you have to click on the rank list link in the menu (navigation bar). Then you will be redirected to the "**CurrentRankList**" page, where you can see all the people that have been rated with their average score ordered by ascending.

№	User	Rating
1	test_1@test.bg	★ ★ ★ ★
2	test_2@test.bg	★ ★ ★

My Event page

In order to go to this page you have to click on the "my events" link in the menu (navigation bar). Then you will be redirected to the "**GetMyEvents**" page where you can see all the events you created.

Architecture

Redis

Task Scheduler

MVC project

Notifications

Facebook API

Azure,
Blob storage,
Database,
Hosting

Repositories and unit of work

https://sportifyss.azurewebsites.net

1. Redis – It is used it to keep events for the next two weeks to optimize the getting of the events for the homepage and to load the user images from Facebook.
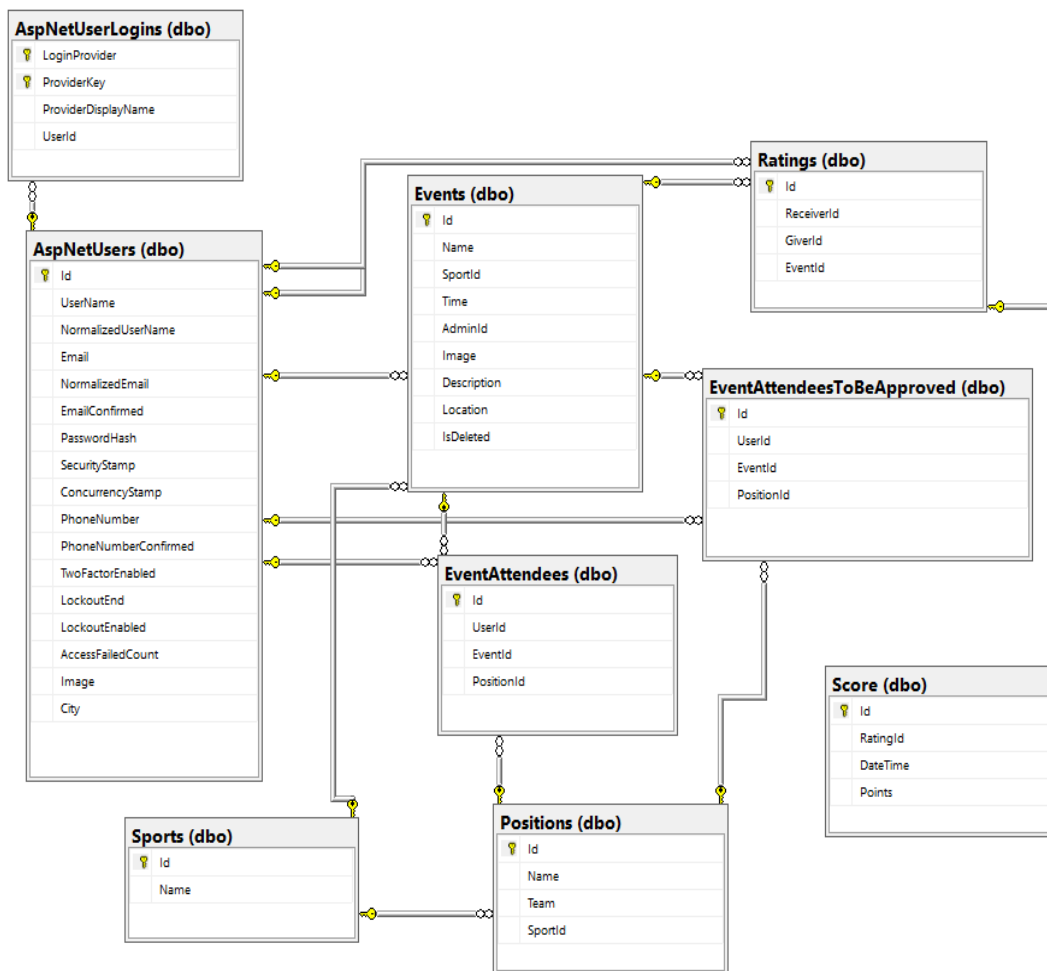2. Task scheduler – It is used to automatically execute predefined actions such as sending an email notification whenever user get approved for an event and to send a reminding email for an upcoming event.
3. Facebook API – It is used to get the current user username, email and image from an existing Facebook account.
4. Azure – It is used to store the database, the blob storage and to host the website.

Database scheme

Contributors to the project

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