Exercise: Routing

Lab problem for the "JavaScript Applications" course @ SoftUni.

Team Manager

Create a JS application for managing teams. Use Handlebars for rendering, Sammy.js for routing and Firebase as a backend provider. Structure your work so that it is easy to manage. The example is styled using Bootstrap.

1. App Structure

- **Home Page** – show relevant info, depending on the status of the user
- **Catalog** – a list of all registered teams
- **About** – dummy page that would hold information about the app
- **Register User**
- **Create Team**
- **Edit Team**
- **View Team Details** – a detailed page that shows all members of the team and management controls

Create a header that is shared across all pages and place links to the relevant sections in it.

2. CRUD Operations

The app must support user registration, login and logout. Store the user credential in **session storage**. Once logged in, the user is free to browse all registered teams and **join** or **create** a new team. At any point, the user is able to **leave** the team he is a member of. The user can only join **one** team at a time. Also when a user **creates** a team he **automatically** joins it. He **cannnot** create a team **again** unless he leaves the newly created team.

3. Entity Structure

A team has a **name** and a **comment** that are displayed while browsing. A user has a **username**. You may create databases and entries as you see fit. A sample collection structure is as follows:

```
teams {
    name,
    comment
}
```

Add a column **teamId** to the default **users** collection, showing which team they have joined currently.

Screenshots

Use this information as a guideline. You may style and structure your solution differently, so long as the required functionality is present.

Home page when the user is logged in and a header, that is shared across all pages.

User registration form

Login form

Home page view for a registered user. Note the header navigation has changed to reflect that.

Team browser.

Catalog Page

Create team

Team name		Team name		Team name
Chereshka		**ttt**		**Malinka**
Description		Description		Description
No description		No description		Need one member

Team name		Team name		Team name
Yagodka		**Greipfrut**		**Krusha**
Description		Description		Description
No description		The end is nigh		kkk

Create team and edit team forms are identical.

Create Page

Name:

Description:

Submit changes

Team details with option to join the team and a list of all current members.

Chereshka details

Team members

aaa

Description

No description

Team management

Join team

Team management. If the user is a member, they can leave the team. If the user is the creator, they can edit it.

```html
<!-- Libraries -->
<script src="./node_modules/jquery/dist/jquery.js"></script>
<script src="./node_modules/bootstrap/dist/js/bootstrap.js"></script>
<script src="node_modules/handlebars/dist/handlebars.js"></script>
<script src="node_modules/sammy/lib/sammy.js"></script>
<script src="./node_modules/sammy/lib/plugins/sammy.handlebars.js"></script>
```