Surf Club Management Application

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Introduction

In the context of project and seminar a web application to manage surf clubs. This application is available in a Github repository to which is described in the following chapters.

Project Structure

The project is in a Github repository, with the following **URI**:
`https://github.com/BernardoFMF/surf-management-app`

The repository contains, in addition to the project's source code, the report, the description of the organization, the SQL scripts and other auxiliary documents. The documentation of the server, client and database can be found in the Wiki section of the above mentioned repository.

- **Backend** - The server application is included in this folder.
- **Frontend** - The client application is included in this folder.
- **Docs** - Database scripts, report and every other document about the project is included in this folder.

Group Constitution

The group is constituted by the students:

- Bernardo Fragoso, nº 47203 (A47203@alunos.isel.pt)
- Gonçalo de Albuquerque, nº 47265 (A47265@alunos.isel.pt)
- Miguel Sousa, nº 47270 (A47270@alunos.isel.pt)

Advisors

The group is advised by:

- Filipe Freitas (ffreitas@cc.isel.ipl.pt)
- Miguel Pires (miguel.toscano.pires@gmail.com)

Instructions To Run

1. Clone the repository
    - *git clone* `https://github.com/BernardoFMF/surf-management-app.git`
2. Instalation of PostgreSQL
3. Creation of a Server on PostgreSQL and two databases, one for running the application and one for tests
4. Run the scripts present on the script folder
    (a) create.sql
    (b) Triggers.sql
    (c) procedures.sql
    (d) Insert.sql
5. Install the dependencies (must have NodeJS installed) on the main and frontend directories
    - *npm install* on the command prompt.
6. Create the *.env* file with the following variables:
    - PORT_NUMBER - represents the port of the database
    - PG_USER - represents the user of the database
    - PG_PASSWORD - represents the password of the database
    - PG_HOST - represents the host of the database
    - PG_PORT - represents the port of the database
    - PG_DB - represents the name of the database
    - PG_DB_TEST - represents the name of the database for tests
    - NODE_ENV - must be set to the value **development**
7. Start the application using the following command in the main directory

- *npm run dev* on the command prompt.

8. There are some dummies that you can use to login:

   - **Admin**:
     - username: afonsoribeiro
     - password: 123
   - **User member**:
     - username: joselopes
     - password: 123
   - **Company member**:
     - username: ripcurl
     - password: 123