POLITECNICO
MILANO 1863

TrackMe

Software Engineering 2 Project

ATD Document

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Contents

1 Introduction

1.1 Purpose and Scope

The Acceptance Test Document has the purpose of evaluating the adherence of the implementation with respect to the documents previously delivered.
To do so, we have considered the three documents available in the provided repository.

1.2 Reference

As said above, we used the three documents, as referenced below:

- RASD Document : Requirements Analysis and Specification Document

    - v1.2 - 12/01/2019

- DD Document : Design Document

    - v1.1 - 12/01/2019

- ITD Document: Implementation and Testing Document

    - v1.0 - 13/01/2019

1.3 Overview

2 Project

2.1 Project info

3   Installation Setup

3.1   Backend

3.1.1   Installation and launch

We have installed the backend as explained in the ITD Document, with the only exception of the particular system dependent command (we tested it on macOS).
We have installed the following module with *"brew"* command:

- **PostgreSQL** an open source object-relational database system

    - installed with the command : *brew install postgresql*

- **NodeJS** an asynchronous event driven JavaScript runtime

    - installed with the command : *brew install nodejs*

After the launch of the postgres service with the command : *brew services start postgresql*, we create a new database and a new role for the admin user.
Then, with the new role just created we import the dump of the database provided in the Implementation folder of the previously mentioned repository. As last step we have configured the *"start.sh"* file with the following configuration and we launched it with the command *"node app.js"*.

```
TEST_API="enabled"                    1
DATABASE_URL=" postgres: //admin:password@localhost:5432/test"
JWT_SECRET="E9ql4cmZzDNG9qL8xh6F"
MAIL_PROVIDER="gmail"
MAIL_ADDR="mail@prova.it"
MAIL_PASSWD="pass"
LOCAL="enabled"
PORT=12345
HOST="localhost:${PORT}/v1"
MIN_USER_NUMBER=2
```

3.1.2   Conslusion

We didn't encounter particular issues, the guide lines are clear and enough explicative.
The only thing which makes sense to be mentioned is one error encountered during the database connection. It always responds with "message: role //-password// does not exists". This is due to a small error in the configuration file, probably due to the fact that is a machine dependant parameter (view image 1).

3.2 Frontend - Installation and launch

3.2.1 Installation and launch

3.2.2 Conclusion

4 Acceptance Test

4.1 Issue

4.1.1 Issue1

4.1.2 Issue2

4.1.3 Issue3

4.2 Revision history

- 1.0.0 - Initial version (11/11/2018)

4.3 Document Structure

5 Effort spent

- Stefano Martina: 35.00h
- Alessandro Nichelini: 37.00h
- Francesco Peressini: 37.00h