

Software Engineering 2

TrackMe

Acceptance and **T**est **D**ocument



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1 Introduction

1.1 Purpose and Scope

This Document represents the Acceptance Test Document for the TrackMe project. The purpose of this document is to evaluate the system's compliance with respect to user needs and the functional requirements specified in the RASD.

1.2 References

For the acceptance tests we have considered these reference documents:

- **RASD**: Requirements Analysis and Specification Document;
- **DD**: Design Document
- **ITD**: Implementation and Testing Document;

1.3 Overview

The rest of the document is organized in this way:

- **Project**: contains the identification of the project we have analysed;
- **Installation Setup**: explains what we did to install the prototype of the tested project as well as any problem or incoherency we have found following the provided documentation;
- **Acceptance Tests**: lists the acceptance test cases we have applied and the corresponding outcome.

2 Project

2.1 Project info

These are the details about the project we have tested:

Authors

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Links

- Git Repository: [link](#).

3 Installation Setup

In this sections we explain what we did to download and install the prototype of the project in order to build it.

Downloaded files

Installation

Conclusion

4 Acceptance Tests

Third Party

The tests regarding the Third Party have been conducted through the use of the API development environment Postman, since the authors have not developed any interface for that.

The following tables include all the API requests we have tested for what concerns the Third Party side:

Sign Up - POST

| Body | Expected outcome | Result |
|--|---------------------------|---|
| -Filled all the fields correctly -Select the company VAT -Select the company name -Select the company image -Select the company businessSector | Registration successful | Passed Warning: the application also accepts VAT code of less than 11 characters. May be incoherent. |
| -Missing VAT or Company Name | Registration unsuccessful | Passed |
| -Already registered VAT | Registration unsuccessful | Passed |

Specific Request - POST

| Body | Expected outcome | Result |
|--|----------------------|--------|
| -Filled all the fields correctly -Inserted existing SSN | Request registered | Passed |
| -Missing SSN | Request unsuccessful | Passed |
| -SSN already in charge of my previous request | Request unsuccessful | Passed |

Group Request - POST

| Body | Expected outcome | Result |
|----------------------------|--------------------|--|
| -Filters written correctly | Request registered | Passed Warning: Same requests can be resent again |
| -No filters | Request registered | Passed Warning: Doubts on its usefulness |

List Specific Requests - GET

| Body | Expected outcome | Result |
|-------|-----------------------------|--------|
| -None | Specific requests retrieved | Passed |

Specific Request Data - GET

| Body | Expected outcome | Result |
|---|--------------------------------|--------|
| -Id of a request sent by me (third party) | Specific request retrieved | Passed |
| -Id of a request sent by another company | Specific request not retrieved | Passed |
| -Id of a non existing request | Specific request not retrieved | Passed |

List Group Requests - GET

| Body | Expected outcome | Result |
|-------|--------------------------|--------|
| -None | Group requests retrieved | Passed |

Group Request Data - GET

| Body | Expected outcome | Result |
|---|-----------------------------|--------|
| -Id of a request sent by me (third party) | Group request retrieved | Passed |
| -Id of a request sent by another company | Group request not retrieved | Passed |
| -Id of a non existing request | Group request not retrieved | Passed |

Subscribe Specific Request - POST

PROBLEMA per questa e la subscribe per la group request, cercate di capire cosa è il forwardingLink, di cui riporto sotto la descrizione presa da swaggerUI (lasciando il loro campo pre-impostato 127.0.0.1:1337 mi dice: "can not communicate with http://127.0.0.1:1337"):

forwardingLink *

string (formData)

Link/address of a reachable web service to which newly collected data will be sent. HTTP POST method will be used, and the listening web service will need to respond to every POST request with a 200 status code, otherwise the subscription will not be activated or will be disabled.

| Body | Expected outcome | Result |
|---|-----------------------------|--------|
| -Request Id and forwardingLink inserted correctly | Subscription registered | Passed |
| -Id of a request not sent by me (third party) | Subscription not registered | Passed |
| -Not existing request Id | Subscription not registered | Passed |
| -ForwardingLink not valid | Subscription not registered | Passed |

Unsubscribe Specific Request - POST

| Body | Expected outcome | Result |
|---|-----------------------------|--------|
| -Request Id inserted correctly | Subscription registered | Passed |
| -Id of a request not sent by me (third party) | Subscription not registered | Passed |
| -Not existing request Id | Subscription not registered | Passed |

Subscribe Group Request - POST

| Body | Expected outcome | Result |
|---|-----------------------------|--------|
| -Request Id inserted correctly | Subscription registered | Passed |
| -Id of a request not sent by me (third party) | Subscription not registered | Passed |
| -Not existing request Id | Subscription not registered | Passed |

Unsubscribe Group Request - POST

| Body | Expected outcome | Result |
|---|-----------------------------|--------|
| -Request Id and forwardingLink inserted correctly | Subscription registered | Passed |
| -Id of a request not sent by me (third party) | Subscription not registered | Passed |
| -Not existing request Id | Subscription not registered | Passed |
| -ForwardingLink not valid | Subscription not registered | Passed |

Individual

The tests regarding the Individual have been conducted through the use of the Android App provided by the authors...TO BE REVISED
The following tables include all the requests we have tested for what concerns the Individual side:

5 Conclusion

QUALCOSA DI SIMILE A QUESTO

The application is working as expected and, aside for the few issues high- lighted above, all the features described in the ITD are present and usable. While this problems need to be addressed in future versions, they also represent fringe cases that hinder the user experience in a marginal way, therefore, as of right now the application constitutes a working prototype. The user interface is clear and essential, and makes a positive impact the first time you open the application. The initial setup is a nice solution to illustrate the app functionalities and to gather and set user preferences. Future updates should focus on improving the ANONYMOUS REQUEST since this is one of the core features of the application.