



Plunner Acceptance test document

Version 1.0

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1. Introduction

1.1 Purpose of the document

This document represents the acceptance test document for the project “Plunner” of Distributed Software Engineering course. The project is done by students from both “Politecnico di Milano” and Mälardalen University.

1.2 Document structure

The document is includes these sections:

- Introduction
- Project specific document reference
- Tested features
- Test allocation requirements

1.3 Intended audience

The intended audience of our project consists in:

- The customer of the project
- The supervisors of the project
- The team of the project
- Any developer who will be interested in improving and implementing our project

1.4 Definitions and acronyms

Abbreviation or acronym	Definition
DSD	Distributed software development
FER	Faculty of Electrical Engineering and Computing, Zagreb, Croatia
MDH	Mälardalen University, Västerås, Sweden
POLIMI	Politecnico di Milano, Italy

Table 1. Definitions

Key word	Description
Acceptance test	The process of verifying that a solution works for the user
Timeslot	An interval of time

Table 2. Key words

1.5 Project Specific Document Reference

Abbreviations	Document name
ATP	Acceptance Test Plane
DD	Design Document
RDD	Requirements Definition Document

Table 3. Abbreviations

2. Tested features

2.1 Test cases

The application has been tested against the following requirements and features. A complete description of them can be found in RDD.

The following requirements are divided into 3 parts:

- acting as a company/registered company
- acting as a user
- acting as a planner

Acting as a company/registered company

The procedure of registration and login into service

	Section	Expected results
Registration, importing and managing of employees	1	A registered company should be able to register to the service, within the company's context, its employees with their corporate email address and a password
	2	Registered company should be able to add and remove to the service,

		within the company's context, employees
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Table 4. Registration

1.1. The procedure of registration, managing and importing employees

	Section	Expected results
Registration and login into service	1	Company signs up via email and password
	2	Registered company is able to login via email and password
	3	Registered company can recover its login credentials
	4	The Service must allow a remember me functionality
	5	The possibility to see and edit personal information
	6	The ability to change the password

Table 5. Managing

1.2. The procedure of creating and managing groups

	Section	Expected results
Creating and managing groups	1	Registered company should be able to organize its employees in groups
	2	The Service must allow a registered company to choose for each group one of its member to become a planner
	3	Registered company should be able to change the role of the members of each group
	4	The Service must allow a registered company to change the name and the composition of each group
	5	The Service must allow a registered company to delete groups

Table 6. Creating and managing

2. Acting as a user

2.1. Login into service within the context of the company

	Section	Expected results
Login into service within company context	1	The Service allows users/planners to login within the context of their company by using the corporate mail and the password
	2	Allows users/planners to recover their login credentials
	3	The Service allows the remember me functionality for users/planners
	4	Allows to see and edit personal information of users/planners
	5	The service allows to change the password of users/planners

Table 7. Login

2.2. Uploading/importing and manging file from an external service

	Section	Expected results
Uploading/importing and manging file from an external service	1	The Service allows to import schedules from external services
	2	Allows to keep imported schedules from external services in sync with those services
	3	The Service allows users to keep track on uploaded/imported schedules
	4	The Service allows to remove schedules
	5	Allows to enable/disable schedules

Table 8. Uploading

2.3. Indicate timeslots

	Section	Expected results
Timeslots indication	1	The Service allows to indicate time slots
	2	Allows to change the indicated time slots change in the requirement file

Table 9. Indicating

2.4. Receiving notifications about planned meetings

	Section	Expected results
Receiving the information		
	1	The Service must be able to send notifications about the status of a meeting to be planned they are involved

Table 10. Notifications

3. Acting as a planner

3.1. Planning meetings for groups

	Section	Expected results
Planning meeting for groups	1	The Service allows to plan a meetings
	2	The Service supports meetings to be planned trying to maximize the number of users that have to participate to different meetings in the same temporal interval

Table 11. Planning

3.2. Managing meetings

	Section	Expected results
Managing meetings	1	The Service allows planners to drop a meeting to be planned or already planed
	2	Allows to change meetings info

	3	Allows to change the temporal interval of a meeting to be planned
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Table 12. Managing meetings

3.2 Front-end

Concerning the front end of Plunner, manual tests have been performed to ensure the quality of the product and check the completion of all the requirements defined in the RDD.

3.3 Back-end

Concerning the back end of Plunner, unit test and manual tests have been performed on a complete and already set environment.

During these tests, fake data was created via seeds. This way is systematic and was very useful during the development.

Moreover, tests with CalDAV were critical as we had to interact with external services.

Since the optimisation is a critical process, it is not simple and it is easy that we might have some errors.

4 Overview

All requirements from RDD were fully completed and tested with both front and back end sides.