





# MeetMe Planner Acceptance test plan

Version 2.0

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# **Revision History**

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#### 1. Introduction

### 1.1. Purpose of this document

The purpose of this document is to define plan for testing and verifying that system development during the project complies with the requirements of Requirement document.

### 1.2. Document Organization

The document is organized as follows:

- 1. <u>Introduction</u>: it defines a general overview of the project and guidelines for understanding the Acceptance Test Document
- 2. <u>Referenced Documents</u>: it defines the documents used to prepare Acceptance Test Document
- 3. <u>Testing</u>: it defines the test used to test the application, feature to be tested and criteria
- 4. <u>Test Case</u>: it defines the test cases and their specifications used for testing application

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#### 1.3. System Overview

The goal of this project is to develop an application that allows to schedule events and meetings better than those currently available. This application will manage to merge the information from all attendances calendars and manage to find a free time slot that fits everyone. MeetMe planner will be able to draw information from Google Calendars to provide enough data for finding an appropriate time slot for the meeting. And the application will propose a time slot by respecting the privacy and security of the shared attendances calendars i.e. with minimum disclosure of the attendance plans

#### 1.4. Intended Audience

The intended audience for this project is:

- Team Members
- Team Supervisors (Ivana Bosnić (FER) and Elisabetta Di Nitto (POLIMI))
- Official Project Customer (Michal Young)
- Other Project Customer (Professor Vannutelli)
- Stakeholders

### 1.5. Scope

Acceptance test plan tries to give an overall purpose of testing is to ensure the application meets all of its technical, functional and customers requirements and if the expected results were achieved. This document provides the framework for all testing related to this application. For this reason it includes the features and testing procedures, criteria for passing test and the expected results.

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# 1.6. Definitions and Acronyms

### 1.6.1. Definitions

Keyword	Definition
Project Customer	The customer who requested the software product
User	A client who provided his credential to the system and has been authenticated by the system
Visitor	A non-authenticated User
Event	User created happening
Time slot	An interval of time for the proposed event, that can be free or occupied
Planner	The tentative calendar containing free time slots of the participating users for the proposed event
User private calendar	Calendar provided by an external service connected to the respective user
Attendant	A user invited to a meeting
System	Our application

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#### 1.6.2 Acronyms

Acronym or abbreviation	Definition
DSD	Distributed Software Development
FER	Faculty of Electrical Engineering and Computing, Zagreb, Croatia
POLIMI	Politecnico of Milan, Milan, Italy

### 1.7. Security Test and Evaluation

In order to guarantee the security of the system and the user's privacy, each user is required to log in entering his e-mail and password to gain access to the Main Page of the application and all of its functionalities. The sensitive information needs to be protected: they are not visible to the other users. Moreover, the application can use the information in user's Google Calendar to define the best time for meeting. This happens respecting the privacy level chosen by the user initially.

#### 2. Referenced Documents

The following documents are used for preparation of Acceptance Test Document:

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- Project Plan DocumentVersion 2.1
- Requirement Document Version 2.0
- Design DocumentVersion 2.0

### 3. Testing

#### 3.1. Environment

In order to have a more effective test, we decided to combine together the following tests:

- Manual Test
- Automatic Test

#### 3.1.1. Manual Test

Team's members dealing with both back-end and front-end part of a user story respecting requirements written in Requirement Document. When a user story is finished, it is tested manually by the same team's member who has made it. Then it is tested by other team's members to ensure that all the requirements are met.

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#### 3.1.2. Automatic Test

After the manual test, some members of the team take care of writing code for the automatic test for each user story. User stories have more possible scenarios. Automating test allows us to save time in long term: it can be run in every moment and everybody can check reports. For automatic testing we use a combination of few parts of "Cucumber" and "Watir-Webdriver". "Ruby" is the programming language use for it.

#### 3.2. Prerequisites

In order to perform automatic testing, first Ruby must be installed and Ruby code cloned from Github repository. All other libraries (e.g. Cucumber, Watir-Webdriver, selenium) will be installed automatically by running *bundle install* and *bundle update*.

All this tests can also be done manually.

#### 3.3. Features to be tested

Features are to be tested are functional requirements. They are classify in the following table:

Test Case ID	Test Case Name
#1	Registration

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#2	Registration with missing data
#3	Registration with already used data
#4	Log in
#5	Log in with wrong password
#6	Log out
#7	Recover password
#8	Recover password with wrong e-mail
#9	Edit profile
#10	Edit profile with wrong old password
#11	Add Google Calendar
#12	Add Calendar by URL
#13	Import Calendar
#14	Edit Google calendar
#15	Edit Calendar by URL
#16	Edit imported Calendar
#17	Delete calendar
#18	Invite friends
#19	Invite friends with invalid friend's e-mail
#20	Invite friends with account

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#21	Synchronize calendar
400	Con all assessed
#22	See all events
#23	Schedule event
#24	Schedule event with event name forgotten
#25	Schedule event without description
#26	Schedule event with missing duration
#27	Schedule event with missing/wrong attendant's e-mail
#28	Delete event
#29	Edit event
#30	Choose time slot with account
#31	Choose time slot without account
#32	Run calculation manually

### 3.4. Features not to be tested

Features are not to be tested are non-functional requirements.

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## 4. Test Cases

## 4.1. Registration

Test Case ID	#1
Test Case Description	Registration
User story code	#1
Actor Involved	Visitor
Precondition	/
Main path	<ol> <li>Click create an account on the Login Page</li> <li>Enter Name, Surname, E-mail and Password</li> <li>Click OK button</li> </ol>
Expected result	Visitor is able to enter his data. New account is created. Visitor can now login into app.

## 4.2. Registration with missing data

Test Case ID	#2
Test Case Description	Registration with missing data
User story code	#1

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Actor Involved	Visitor
Precondition	/
Main path	<ol> <li>Click create an account on the Login Page</li> <li>Leave some of required fields empty</li> </ol>
Expected result	New account is not created and error message is displayed. Visitor is prompt to re-enter User's data.

# 4.3. Registration with already used data

Test Case ID	#3
Test Case Description	Registration with missing data
User story code	#1
Actor Involved	Visitor
Precondition	/
Main path	<ol> <li>Click create an account on the Login Page</li> <li>Enter already used e-mail</li> </ol>

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Expected result	New account is created and error message is displayed. Visitor is prompt
	to re-enter User's data.

## 4.4. Log in

Test Case ID	#4
Test Case Description	Log in
User story code	#2
Actor Involved	User
Precondition	User has account
Main path	1. Navigate to the application Login Page
	2. Enter his <i>E-mail</i> and <i>password</i> .
	3. Click sign in button
Expected result	User is logged in into app. User is redirected to Home page.

# 4.5. Log in with wrong password

Test Case ID	#5
Test Case Description	Log in with wrong password

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User story code	#2
Actor Involved	User
Precondition	User has account
Main path	<ol> <li>Open application Login Page</li> <li>Mistype your credentials</li> <li>Click sign in button</li> </ol>
Expected result	User is not able to log in and error message is displayed. User is prompt to re-enter his credentials.

## 4.6. Log out

Test Case ID	#6
Test Case Description	Log out
User story code	#2
Actor Involved	User
Precondition	User has account, user is logged in
Main path	1. Click log out button
Expected result	User is no longer logged in into system. User is redirected to Login page.

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## 4.7. Recover password

Test Case ID	#7
Test Case Description	Recover password
User story code	#3
Actor Involved	User
Precondition	User has account
Main path	<ol> <li>Click Forgot Password on the Login Page</li> <li>Enter his e-mail address</li> <li>Click send e-mail button</li> </ol>
Expected result	User has received email with new password. User is able to login to app with new password.

# 4.8. Recover password with wrong e-mail

Test Case ID	#8
Test Case Description	Recover password with wrong e-mail
User story code	#3
Actor Involved	User
Precondition	User has account

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Main path	1. Click Forgot Password on the Login Page
	2. Enter non-existing <i>e-mail</i>
Expected result	Error message is displayed. Email is not be sent.

## 4.9. Edit Profile

Test Case ID	#9
Test Case Description	Edit profile
User story code	#51
Actor Involved	User
Precondition	User has account, user is logged in
Main path	1. Click on avatar image
	2. Click <i>Options</i> button
	3. Enter aboutme and/or old password and new password
	4. Click <i>Save</i> button
Alternative path (A1)	
	1. Click <i>Personal info</i> button
	2. Click <i>Options</i> button
	3. Enter aboutme and/or old password and new password

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	4. Click Save button
Expected result	User info is updated with new data. If password is changed, user is able to login with new one.

# 4.10. Edit Profile with wrong old password

Test Case ID	#10
Test Case Description	Edit profile with wrong old password
User story code	#51
Actor Involved	User
Precondition	User has account, user is logged in
Main path	1. Clicks <i>avatar</i> button
	2. Clicks <i>Options</i> button
	3. Mistype old password
	4. Enter new password
	5. Click Save button
Alternative path (A1)	1. Clicks <i>Personal info</i> button
	2. Clicks <i>Options</i> button

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	<ul><li>3. Mistype old password</li><li>4. Enter new password</li><li>5. Click Save button</li></ul>
Expected result	User data is not updated and error message is displayed. User is prompt to re-enter his data.

# 4.11. Add Google Calendar

Test Case ID	#11
Test Case Description	Add Google Calendar
User story code	#52
Actor Involved	User
Precondition	User has account, user is logged in

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Main path	1. Navigate to Profile page
	2. Click <i>Add calendar</i> button
	3. Click <i>Google calendar</i> button
	4. Login to your Google account
	5. Allow JustMeet application to access your data
Expected result	Google calendar is connected to profile. New calendar is listed on Profile
	page. User can edit or delete calendar.

# 4.12. Add Calendar by URL

Test Case ID	#12
Test Case Description	Add Calendar by URL
User story code	#52
Actor Involved	User
Precondition	User has account, user is logged in
Main path	<ol> <li>Navigate to Profile page</li> <li>Click Add calendar button</li> </ol>

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	3. Click <i>By URL</i> button
	4. Enter Calendar Name
	5. Enter calendar URL
	6. Click <i>Add</i> button
Expected result	Calendar is connected to profile. New calendar is listed on Profile page.
	User can edit or delete calendar.

## 4.13. Import Calendar

Test Case ID	#13
Test Case Description	Import Calendar
User story code	#52
Actor Involved	User
Precondition	User has account, user is logged in
Main path	1. Navigate to Profile page
	2. Click <i>Add calendar</i> button
	3. Click <i>Import calendar</i> button
	4. Enter Calendar Name
	5. Add your file

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	6. Click Add button
Expected result	Calendar is connected to profile. New calendar is listed on Profile page. User can edit or delete calendar.

# 4.14. Edit Google Calendar

#14
Edit Google Calendar
#53
User
User has account, user is logged in, user has added Google calendar
1. Navigate to Profile page
2. Click <i>Edit</i> next to the calendar that you want to edit
3. Login to your Google account
4. Allow JustMeet application to access your data
Old calendar is replaced with new one. New calendar is listed on Profile page. User can edit or delete calendar.

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# 4.15. Edit Calendar by URL

Test Case ID	#15
Test Case Description	Edit Calendar by URL
User story code	#53
Actor Involved	User
Precondition	User has account, user is logged in, user has added calendar by URL
Main path	1. Navigate to Profile page
	2. Click <i>Edit</i> button next to the calendar that you want to edit
	3. Change <i>Calendar name</i> and/or new calendar URL
	4. User clicks <i>Update</i> button
Expected result	Old calendar is replaced with new one. New calendar is listed on Profile page. User can edit or delete calendar.

## 4.16. Edit imported Calendar

Test Case ID	#16
Test Case Description	Edit imported Calendar
User story code	#53
Actor Involved	User
Precondition	User has account, user is logged in, user has imported calendar

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Main path	1. Navigate to Profile page
	2. Click <i>Edit</i> button next to the calendar that you want to edit
	3. Change Calendar name and add upload Calendar file
	4. User clicks <i>Update</i> button
Expected result	Old calendar is replaced with new one. New calendar is listed on Profile
Lapected result	page. User can edit or delete calendar.

### 4.17. Delete calendar

Test Case ID	#17
Test Case Description	Delete calendar
User story code	#54
Actor Involved	User
Precondition	User has account, user is logged in, user has added a calendar
Main path	1. Navigate to Profile page
	2. Click <i>Delete</i> button next to the calendar that you want to delete
Expected result	Calendar is deleted from User account. Calendar is no longer listed on
	Profile page.

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## 4.18. Invite friends

Test Case ID	#18
Test Case Description	Invite friends
User story code	#7
Actor Involved	User
Precondition	User has account, user is logged in
Main path	1. Click <i>Invite Friends</i> button
	2. Enter valid e-mail
	3. Click <i>Invite</i>
Expected result	User can invite his friends. Invitation mail is sent to a friend. Success message is displayed.

## 4.19. Invite friends with invalid friend's e-mail

Test Case ID	#19
Test Case Description	Invite friends with invalid friend's e-mail
User story code	#7
Actor Involved	User
Precondition	User has account, user is logged in

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Main path	1. User clicks <i>Invite Friends</i> button
	2. User enters invalid e-mail (Wrong format)
E at a discoult	Programme is discolored and mail is not some
Expected result	Error message is displayed and mail is not sent.

### 4.20. Invite friends with account

Test Case ID	#20
Test Case Description	Invite friends with account
User story code	#7
Actor Involved	User
Precondition	User has account, user is logged in
Main path	<ol> <li>User clicks <i>Invite Friends</i> button</li> <li>User enters e-mail of already existing user</li> </ol>
Expected result	Error message is displayed and mail is not sent.

## 4.21. Synchronize calendar

Test Case ID	#21
Test Case Description	Synchronize calendar

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User story code	#10
Actor Involved	User
Precondition	User has account, user is logged in, user has added a calendar
Main path	Navigate to Profile page      Click on <i>Synchronize calendar</i> button next to the calendar that user wants to synchronize
Expected result	User can synchronize his calendars. Application now has up to date version of calendar.

## 4.22. See all events

Test Case ID	#22
Test Case Description	See all events
User story code	#121
Actor Involved	User
Precondition	User has account, user is logged in
Main path	<ol> <li>Navigate to Home page</li> <li>Click on event to see details</li> </ol>

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Alternative path	1. Navigate to My events page
	2. Click edit to see event details
Expected result	User can see all his events in calendar or on My events page. User can see details of each event.

## 4.23. Schedule event

Test Case ID	#23
Test Case Description	Schedule event
User story code	#4
Actor Involved	User
Precondition	User has account, user is logged in
Main path	<ol> <li>Click Create event button</li> <li>Enter Event name</li> <li>Enter Description</li> <li>Enter Must do before event</li> <li>Enter Duration in minutes</li> <li>Click chosen day in time slots</li> </ol>

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	7. Select Starting Time
	8. Enter attendant's e-mail
	9. Repeat operations 7 and/or 8 and/or 9 several times
	10. Select <i>mandatory</i> if attendant meeting participation is mandatory
	11. Enter <i>tags</i>
	12. Click <i>Create event</i> button
Expected result	User can create meeting. Email with event information's is sent to all
	attendants.

# 4.24. Schedule event with event name forgotten

Test Case ID	#24
Test Case Description	Schedule event with event name forgotten
User story code	#4
Actor Involved	User
Precondition	User has account, user is logged in

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Main path	1. Click <i>Meetings</i> button
	2. Click <i>Create event</i> button
	3. Enter all event data except <i>Event name</i>
Expected result	Event is not created and error message will be displayed. User is prompt
	to re-enter event name.

# 4.25. Schedule event with duration forgotten

Test Case ID	#26
Test Case Description	Schedule event with duration forgotten
User story code	#4
Actor Involved	User
Precondition	User has account, user is logged in
Main path	<ol> <li>Click Create event button</li> <li>Enter all event data except Duration in minutes</li> </ol>
Expected result	Event is not created and error message will be displayed. User is prompt to re-enter event duration.

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## 4.26. Schedule event with missing/wrong attendant's e-mail

Test Case ID	#27
Test Case Description	Schedule event with missing/wrong attendant's e-mail
User story code	#4
Actor Involved	User
Precondition	User has account, user is logged in
Main path	<ol> <li>Click <i>Create event</i> button</li> <li>Leave <i>attendant's e-mail</i> field empty or enter invalid email</li> </ol>
Expected result	Event is not created and error message is displayed. User is prompt to reenter event attendant's

### 4.27. Delete event

Test Case ID	#28
Test Case Description	Delete event

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User story code	#123
Actor Involved	User
Precondition	User has account, user is logged in, user has events
Main path	1. On Home Page click on event
	2. Click <i>Delete</i> button
Alternative path 1	Navigate to My events page
	2. Click Delete event
Alternative path 2	1. Navigate to My events page
	2. Click edit event
	3. Click delete event
Expected result	User can delete event. Event is no longer visible to user.

### 4.28. Edit event

Test Case ID	#29
Test Case Description	Edit event
User story code	# 122
Actor Involved	User
Precondition	User has account, user is logged in, user has events

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Main path	1. On Home Page click on event
	2. Change event data
	3. Click Save button
Alternative path	Navigate to My events page
The second secon	
	2. Click edit event
	3. Change event data
	4. Click <i>Save</i> button
Expected result	User can edit event. Event details are updated.

## 4.29. Choose time slot with account

Test Case ID	#30
Test Case Description	Choose time slot
User story code	# 8
Actor Involved	Attendant
Precondition	Attendant has account
Main path	1. Open link received via event invitation email
	2. Login into app

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	4. Select preferred time slots
	5. Enter email
	6. Submit choice
Expected result	Attendant with account who did not shared his/her calendars can choose preferred time slots.

## 4.30. Choose time slot without account

Test Case ID	#31
Test Case Description	Choose time slot without account
User story code	#8
Actor Involved	Attendant
Precondition	Attendant does not have account
Main path	1. Open link received via event invitation email
	2. Signup into app or dismiss dialog
	4. Select preferred time slots
	5. Enter email
	6. Submit choice

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Expected result	Attendant without account his/her calendars can choose preferred time	
	slots.	

## 4.31. Run calculation manually

Test Case ID	#32
Test Case Description	Run calculation manually
User story code	#11
Actor Involved	User
Precondition	User has account, user is logged in, user has events
Main path	<ol> <li>If there is only one possible time:         <ol> <li>Navigate to My events page</li> <li>Click <i>Run calculation button</i> next to the event you are interested in</li> </ol> </li> <li>In modal, select desired timeslot</li> </ol>
Expected result	User is able to run calculation manually. If there is more than one possible event time, user is able to choose between them and for each one of them

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see list of available attendants. Event is scheduled.