



# Politecnico di Milano

*Scuola di Ingegneria Industriale e dell'Informazione*

Computer Science and Engineering

*Software Engineering 2 Project – A.Y. 2014/15*

## User Manual

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# Summary

1.	BEFORE STARTING	2
2.	HOME PAGE	3
3.	REGISTRATION PAGE	4
4.	PERSONAL USER PAGE	5
5.	PROFILE MODIFICATION PAGE	6
6.	CALENDAR PAGE	8
7.	EVENT CREATION PAGE	9
8.	NOTIFICATIONS PAGE	12
9.	THE SEARCH ENGINE	13

## 1. Before starting

This guide will explain you how to properly use the MeteoCal service. Before go ahead with the presentation of each functionality, remember these little things:

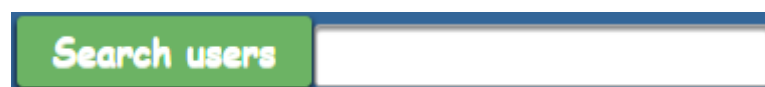
- The MeteoCal logo is always clickable (except in the *home page* for obvious reasons) and it will always lead you to your *personal user page*, or, if you already are in your user home, the hidden button will lead you to MeteoCal *home page*.



- To properly explore the service, please, don't use backward and forward buttons in your browser but click on the logo.
- To terminate your session on MeteoCal, click on the *log out* button, always visible on the top of the page.

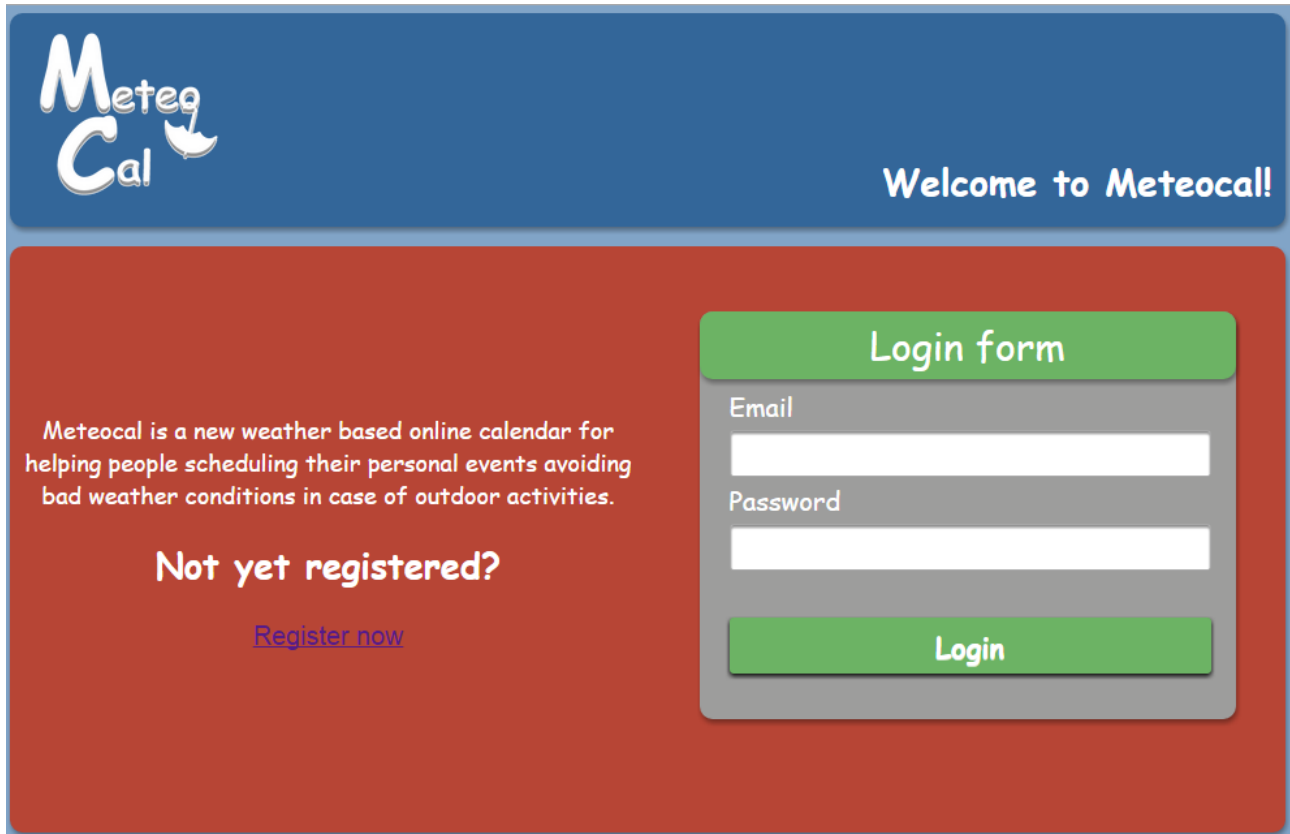


- To search a user, use the *search bar* always visible on the top of the page, under the log out button. In the ninth chapter, there will be an explanation of its usage.



## 2. Home page

This is the MeteoCal home page. Here you can *register* a new account or perform a *log in* to get into your personal user home.



The screenshot shows the MeteoCal home page. At the top left is the MeteoCal logo, which includes a stylized umbrella. To the right of the logo, the text "Welcome to Meteocal!" is displayed. Below the logo, there is a description of the service: "Meteocal is a new weather based online calendar for helping people scheduling their personal events avoiding bad weather conditions in case of outdoor activities." Below this description, the text "Not yet registered?" is followed by a link "Register now". On the right side of the page, there is a "Login form" with fields for "Email" and "Password", and a "Login" button.

**MeteoCal**

Welcome to Meteocal!

Meteocal is a new weather based online calendar for helping people scheduling their personal events avoiding bad weather conditions in case of outdoor activities.

**Not yet registered?**

[Register now](#)

**Login form**

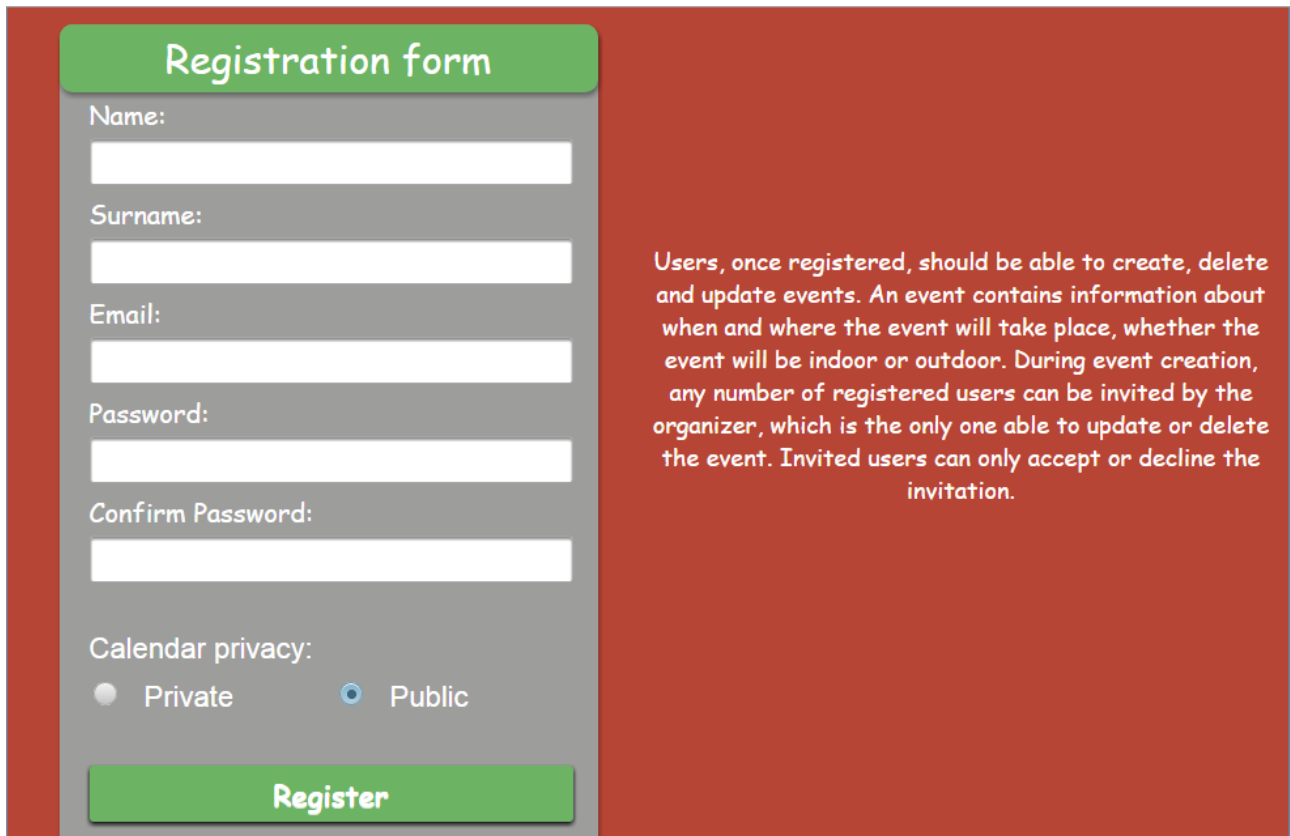
Email

Password

**Login**

### 3. Registration page

In this page you can register a MeteoCal account. All the fields displayed are mandatory and remember that you cannot register two accounts using the same email. An error will displayed if you try doing it. To perform the registration, you have to click on *register*, otherwise the system won't store the information into the database.



The registration form is titled "Registration form" in a green header. It contains several input fields: "Name:", "Surname:", "Email:", "Password:", and "Confirm Password:". Below these fields is a "Calendar privacy:" section with two radio buttons: "Private" and "Public", where "Public" is selected. At the bottom of the form is a green "Register" button. To the right of the form, there is a red background area containing text explaining the user's capabilities after registration.

**Registration form**

Name:

Surname:

Email:

Password:

Confirm Password:

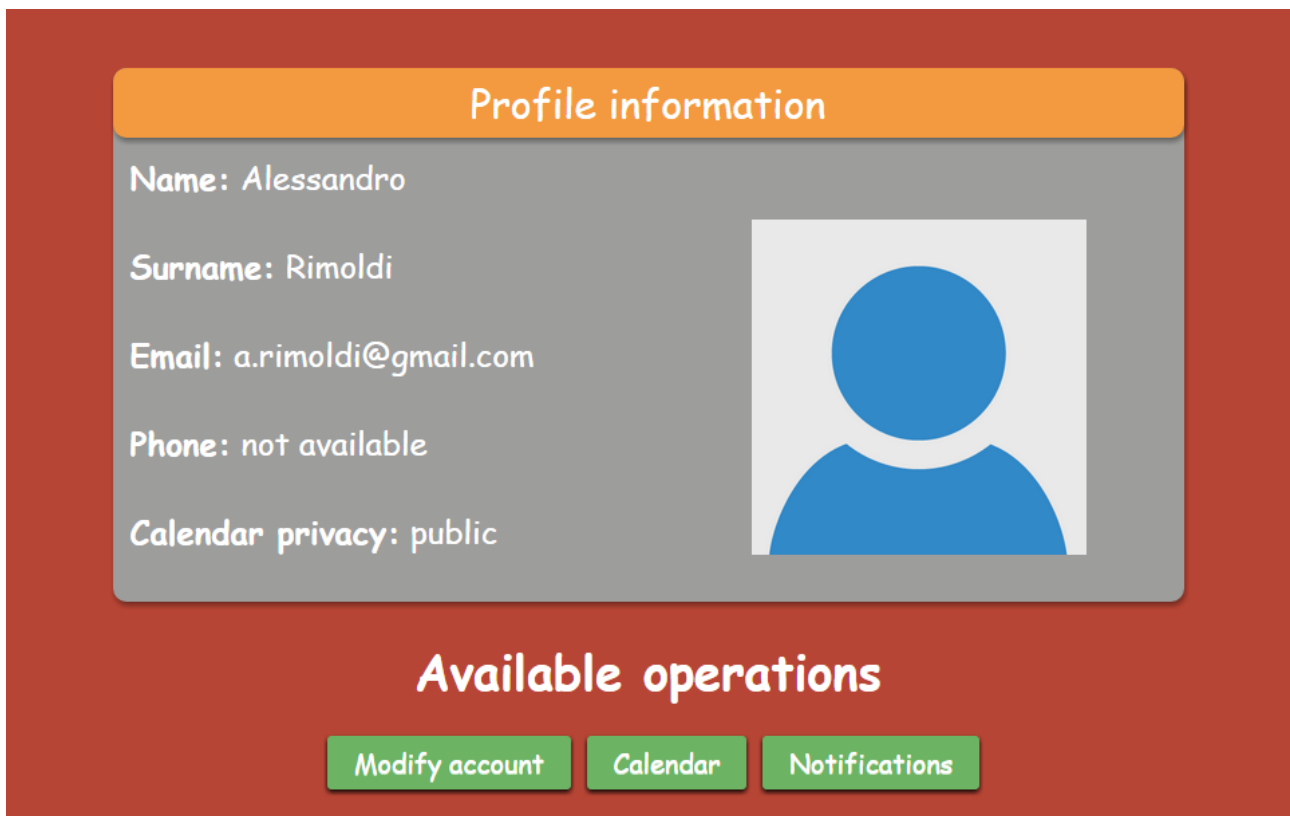
Calendar privacy:  
☐ Private ☒ Public

**Register**

Users, once registered, should be able to create, delete and update events. An event contains information about when and where the event will take place, whether the event will be indoor or outdoor. During event creation, any number of registered users can be invited by the organizer, which is the only one able to update or delete the event. Invited users can only accept or decline the invitation.

## 4. Personal user page

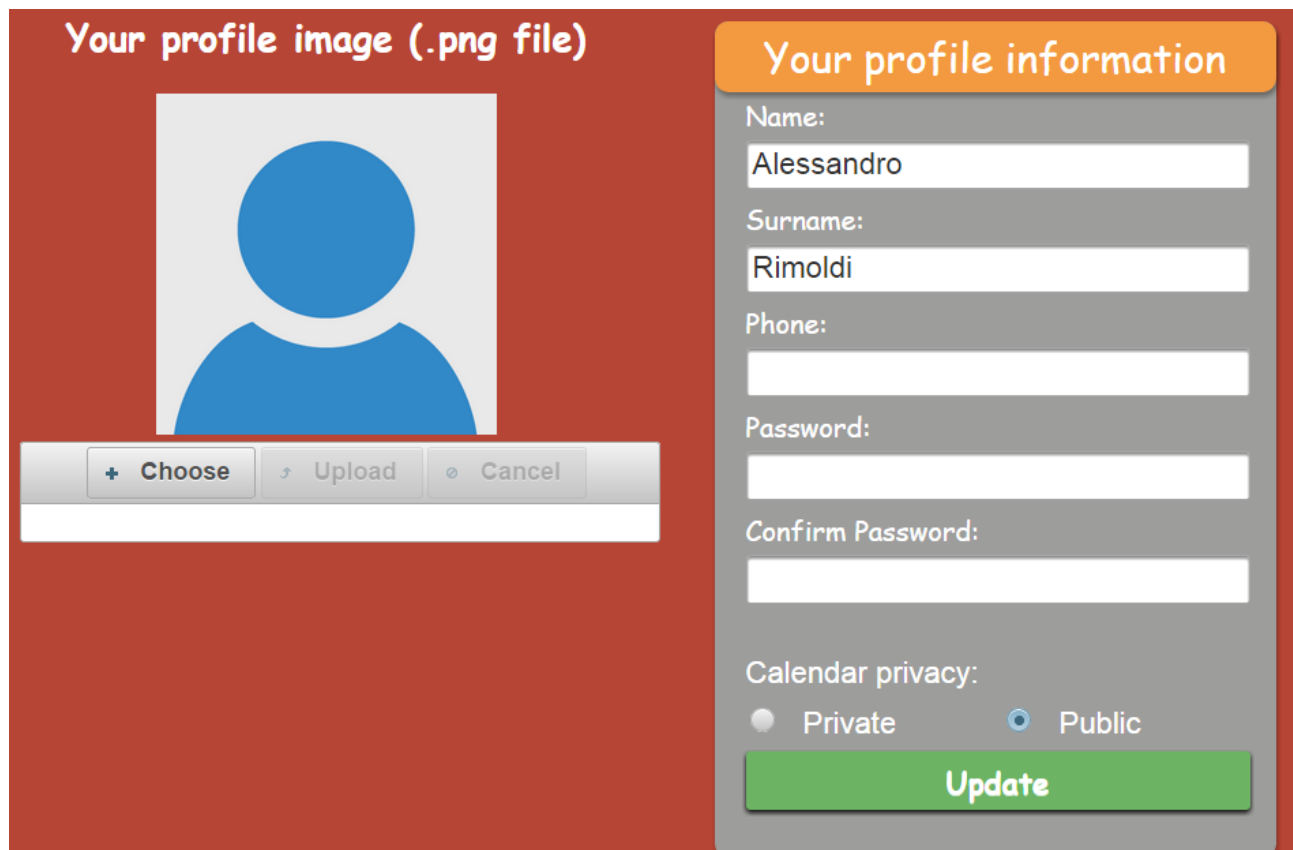
This page is reached once you have performed the login procedure from the *home page*. From your personal user page you can manage your profile, clicking on *modify account*, have a look to your appointments and commitments, clicking on *calendar*, and stay updated about your events, clicking on *notifications*. Remember to frequently check the *notification page* because no advertisement will be automatically displayed to warn you that a new notification is available.



## 5. Profile modification page

In this page you can update your profile information and add a customized avatar (only *.png* extension) and a phone number, if you want.

*Name*, *surname* and *password* are mandatory fields and you cannot update your profile information if you leave them blank. For security reasons, the password field is not automatically filled.



**Your profile image (.png file)**

**Your profile information**

Name: Alessandro

Surname: Rimoldi

Phone:

Password:

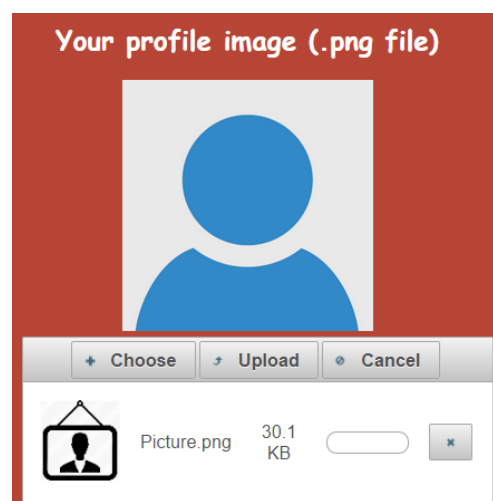
Confirm Password:

Calendar privacy:

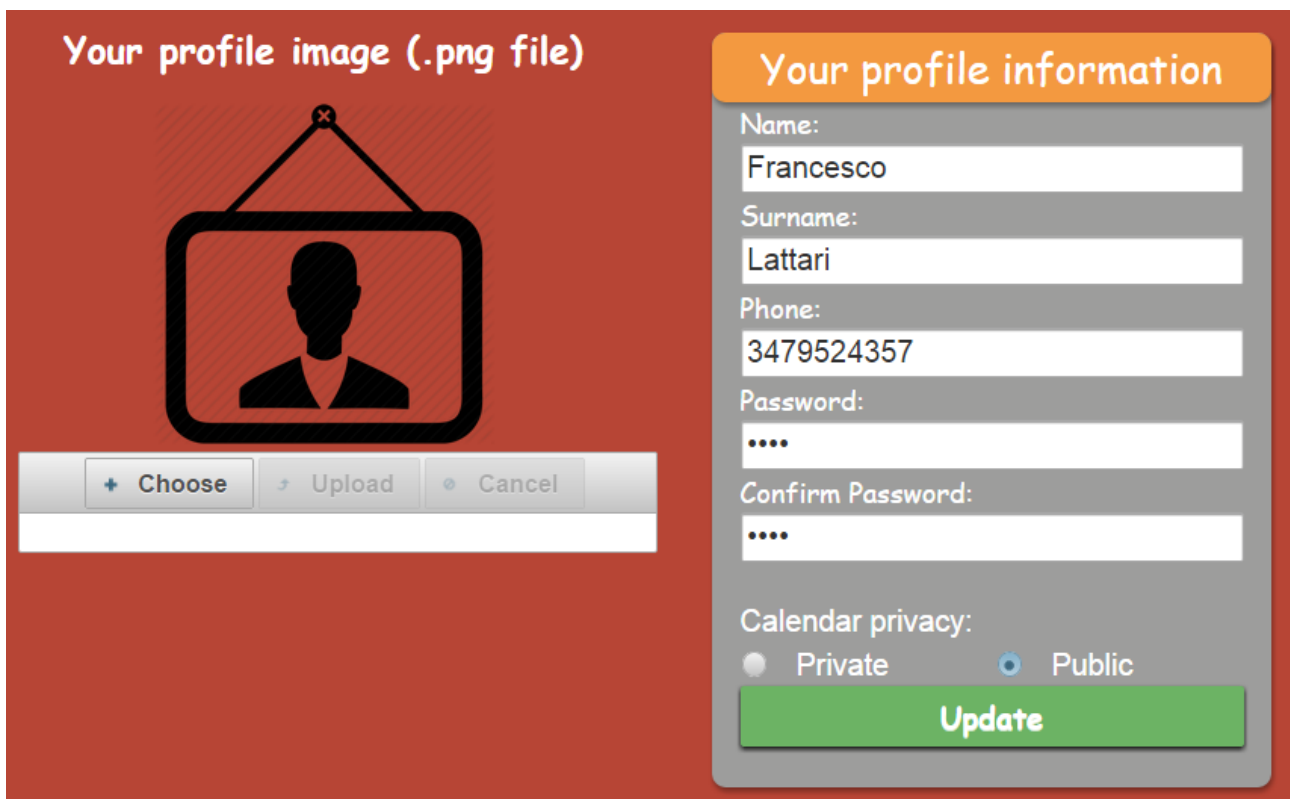
☐ Private ☒ Public

**Update**

To update your avatar just click on *choose*, select a *.png* file (don't worry about size and format, the image will be automaticcally adjusted) and then click on *upload*.



This is the expected result after the upload procedure.



**Your profile image (.png file)**

**Your profile information**

Name: Francesco

Surname: Lattari

Phone: 3479524357

Password: ....

Confirm Password: ....

Calendar privacy: ☐ Private ☒ Public

**Update**

When you click on *update*, you will be redirect to your *personal page*.



**Profile information**

**Name:** Francesco

**Surname:** Lattari

**Email:** f.lattari@gmail.com

**Phone:** 3479524357

**Calendar privacy:** public

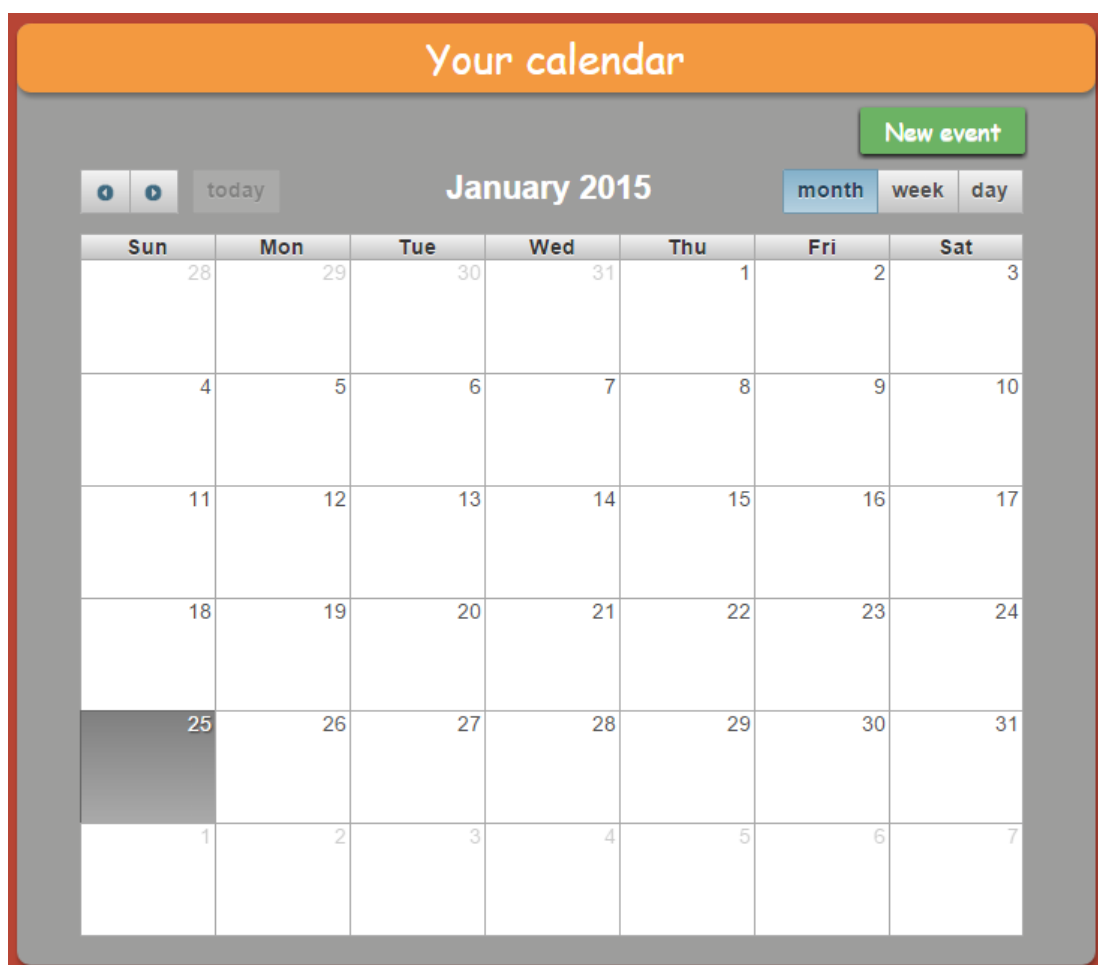
*Please, note that we have used two different profiles during this example. As you can easily understand, you cannot change your profile email.*



## 6. Calendar page

In this page you can see all the events you have organized and all the events you have joined. Please, note that from this representation the already passed events are not removed, but they will be always displayed. Clicking on a events you can see all its details, including also the organizer, the participants list and weather conditions for the event day.

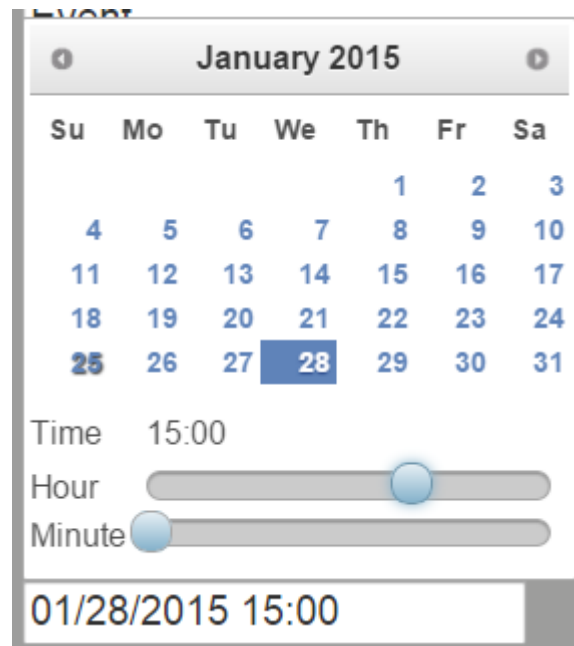
The weather forecasts are updated every night at 2.30 am, if you want to change this setting and you need more updates, please contact us.



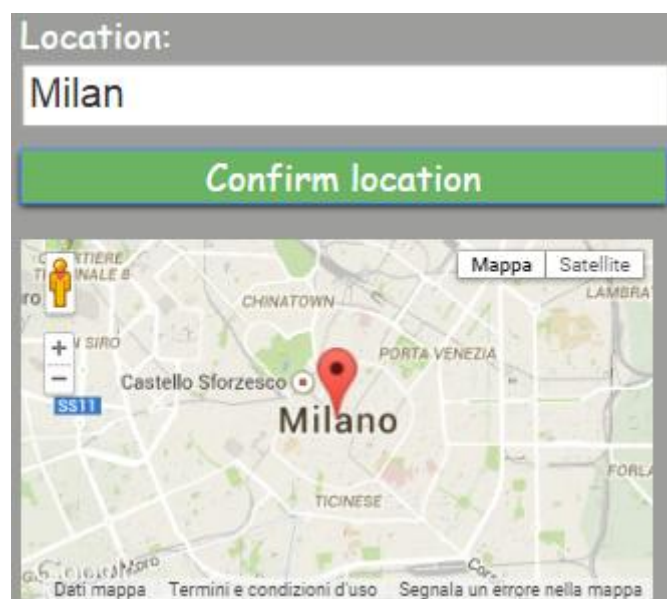
To create a new event, click on *new event* button and follow the procedure explained in the next chapter.

## 7. Event creation page

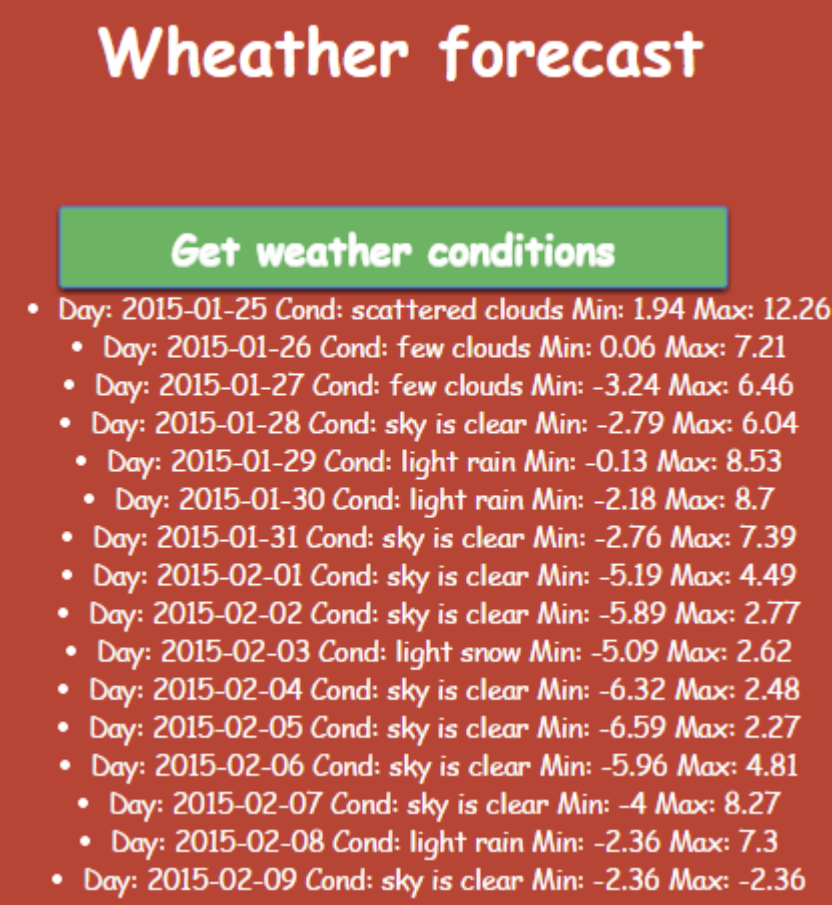
In this page all the information displayed are mandatory, but if you don't want to invite anyone to the event, you can skip it. Have look to the following screenshots. Clicking on the date fields the system will show a little calendar where you can easily chose a date and set a time. Please, note that the system will not check if the start time and the end time are chosen in a "consistent" way and doing that will not cause any exception, but the event will not properly displayed in the calendar page.



When you insert the location, please don't forget to click on *confirm location*. If you don't do that, the event creation procedure will fail.



Once you have clicked on *confirm location*, you can obtain, if you want, the weather forecast for that location. Just click on *get weather forecast*.

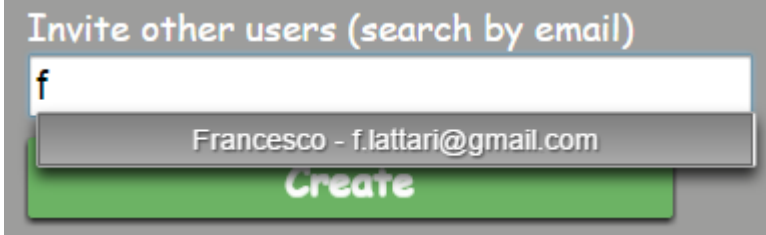
A screenshot of a web interface for a weather forecast. At the top, the title "Wheather forecast" is displayed in a large, bold, orange font. Below the title is a green rectangular button with the text "Get weather conditions" in white. Underneath the button is a list of weather data for various dates from January 25 to February 9, 2015. Each entry includes the date, a condition description, and minimum and maximum temperature values.

**Wheather forecast**

**Get weather conditions**

- Day: 2015-01-25 Cond: scattered clouds Min: 1.94 Max: 12.26
  - Day: 2015-01-26 Cond: few clouds Min: 0.06 Max: 7.21
  - Day: 2015-01-27 Cond: few clouds Min: -3.24 Max: 6.46
  - Day: 2015-01-28 Cond: sky is clear Min: -2.79 Max: 6.04
  - Day: 2015-01-29 Cond: light rain Min: -0.13 Max: 8.53
  - Day: 2015-01-30 Cond: light rain Min: -2.18 Max: 8.7
  - Day: 2015-01-31 Cond: sky is clear Min: -2.76 Max: 7.39
  - Day: 2015-02-01 Cond: sky is clear Min: -5.19 Max: 4.49
  - Day: 2015-02-02 Cond: sky is clear Min: -5.89 Max: 2.77
  - Day: 2015-02-03 Cond: light snow Min: -5.09 Max: 2.62
  - Day: 2015-02-04 Cond: sky is clear Min: -6.32 Max: 2.48
  - Day: 2015-02-05 Cond: sky is clear Min: -6.59 Max: 2.27
  - Day: 2015-02-06 Cond: sky is clear Min: -5.96 Max: 4.81
  - Day: 2015-02-07 Cond: sky is clear Min: -4 Max: 8.27
  - Day: 2015-02-08 Cond: light rain Min: -2.36 Max: 7.3
  - Day: 2015-02-09 Cond: sky is clear Min: -2.36 Max: -2.36

If you want you can invite other users to the event. The search engine uses the user email but you don't have to remember it, just write the initial part and the system will help you.

A screenshot of a web form titled "Invite other users (search by email)". It features a search input field containing the letter "f". Below the input field, a dropdown menu displays the suggestion "Francesco - f.lattari@gmail.com". At the bottom of the form is a green button labeled "Create".

**Invite other users (search by email)**

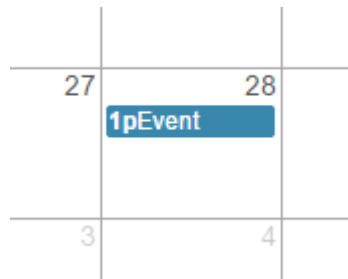
f

Francesco - f.lattari@gmail.com

**Create**

If you have finished, click on *create*. Don't leave the page without doing that or the event will not be stored into the database.

This is the final output on you calendar page.



*1pEvent* stays for: the event named *Event* starts at 1.00 pm (13.00).

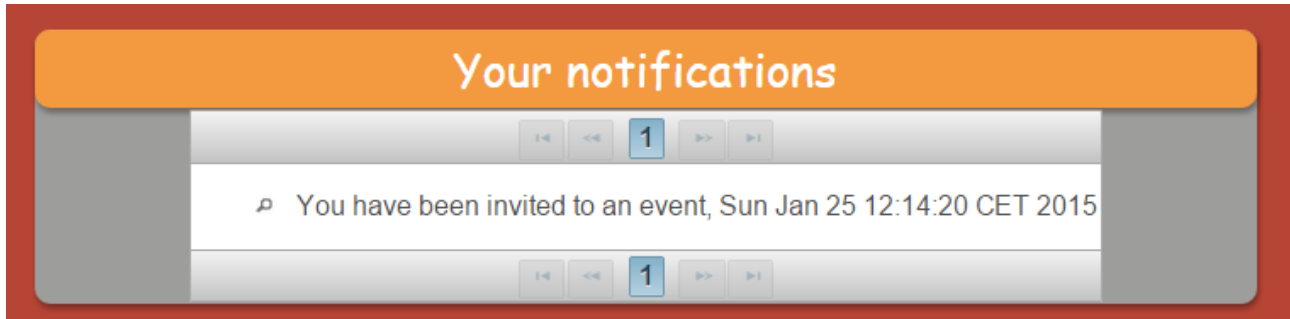
If you click on the event, the system will show all its details.

Organizer	
Name:	Alessandro
Surname:	Rimoldi
Email:	a.rimoldi@gmail.com
Phone:	

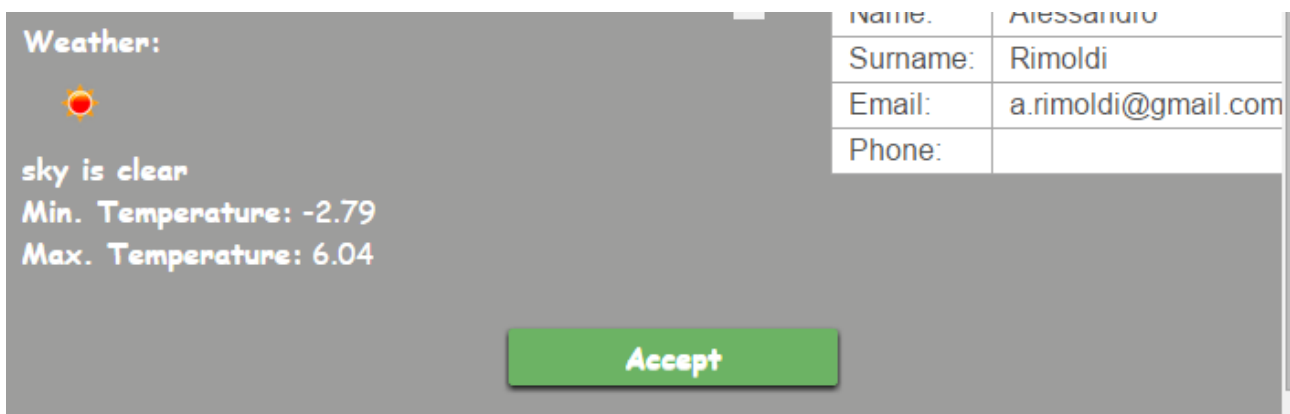
If you are the organizer, you have also available two buttons, one for modify the event details and one to delete the event. Please, remember to use the *modify event* button also to add new guests to the event.

## 8. Notifications page

Continuing the previous example, as you remember, I have invited to my event Francesco, which has received a notification about that. Have a look.



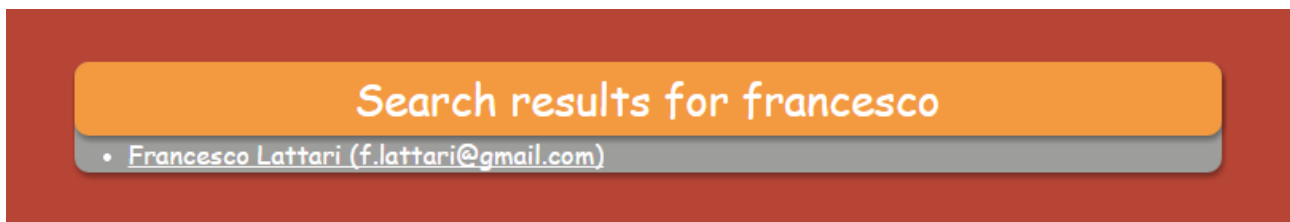
The notification preview shows the topic of the notification and when the system has created it, in other words, a timestamp. Clicking on the lens, Francesco can see the details of the event and accept the invitation.



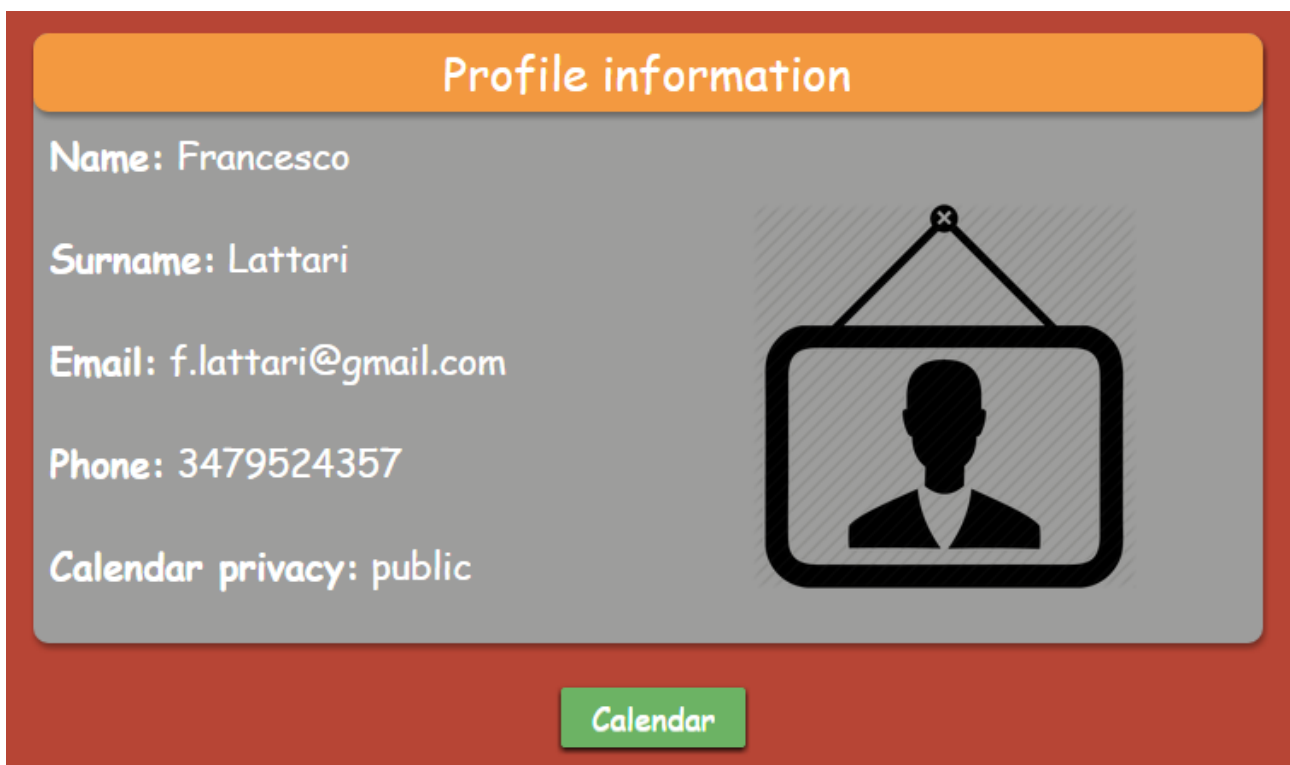
In the *notification page*, notifications are ordered from the newest to the oldest and the system will never delete them, except in case of the event has been canceled. If you receive a notification about changing in event details, please remember to confirm again your participation to the event, if you desire yet.

## 9. The search engine

As anticipated in the first chapter, the system has a search engine through which you can find other users. You can search other users using name, surname, email and phone number. Please, note that you can't use partial inputs: for example, if you search "ale" you will never find users whose name is "Alessandro" or "Alessio", but only users whose name or surname is exactly "Ale". Have a look to the results page.



When you click on a result, you will be redirected to his own profile page.



If the user has a private profile, the *calendar* button will not be displayed.

### Profile information

**Name:** Francesco

**Surname:** Lattari

**Email:** f.lattari@gmail.com

**Phone:** 3479524357

**Calendar privacy:** private

