

# CalCARE

User Manual of CalCARE

Software Engineering 2

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## 1 System Description

CalCARE is a web based platform, so anyone who wants to interact with the system need to have a fully functional internet connection. For the actual browsing we suggest the use of Mozilla Firefox 34.0 or newer.

The url to access the service is *http://server:port/meteocal-fgg* where *server:port* is usually *localhost:8080*.

To interact with the system are required keyboard and mouse only. In fact the interaction will take place through buttons and input forms.

## 2 Registration

From the CalCARE homepage is possible to perform three main operations: Register, Login and Reset Password.



Figure 1: CalCARE homepage

### 2.1 Registration

The registration form is placed directly in the homepage. The new user to successfully register into CalCARE has to insert a valid email address –in which she will receive the confirmation link and the notifications from the system– a password, and provide some additional informations.

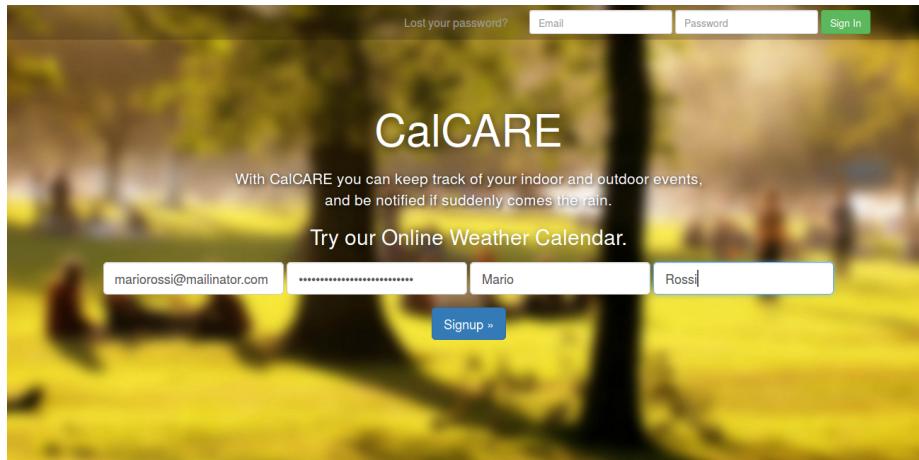


Figure 2: CalCARE Registration

After entering all the required information the user should click on the “**Signup**” button. An email will be sent to the user with a welcome message followed by the confirmation link, which she must click in order to activate the brand new account.

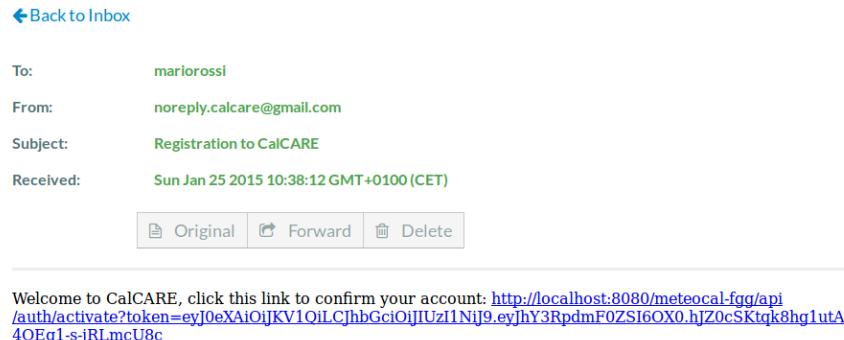


Figure 3: CalCARE registration

Clicking on the mentioned link will redirect the user back to the CalCARE homepage.

## 2.2 Password Recovery

In case of forgotten password it is possible to request a password change. By clicking on **Lost your password?** in the homepage the user can reset her own password. A link will be provided to the user with an email with instructions about how to reset the password.

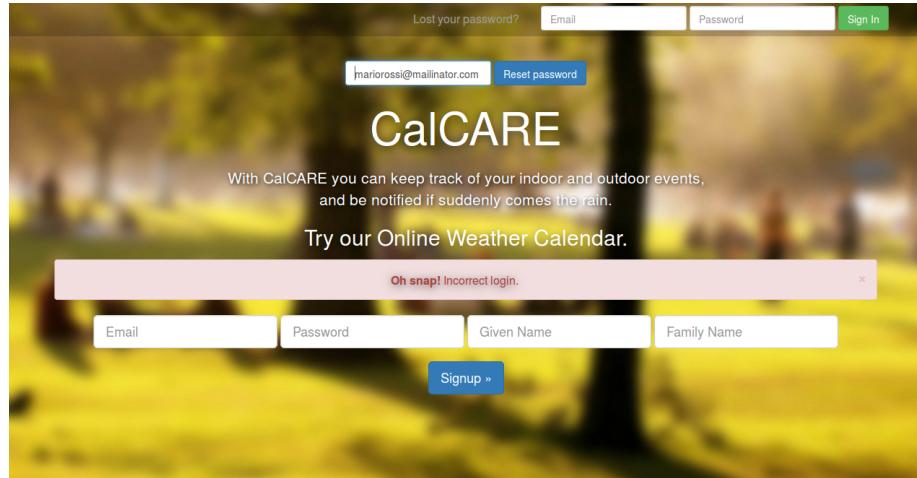


Figure 4: CalCARE password recovery

## 2.3 Log In

The login form is located in the top-right part of the homepage. Here the user can insert the user data to log into the system.

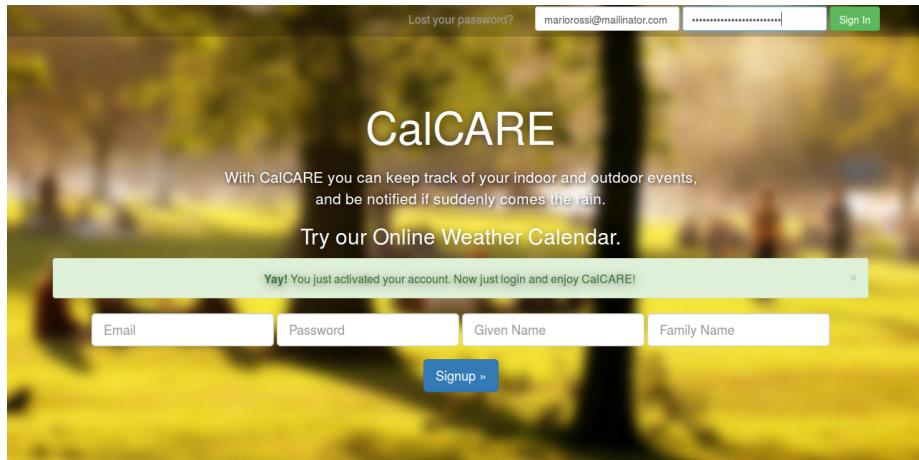


Figure 5: CalCARE Login

### 3 User functionality

After a successful login the user is automatically redirected to her personal calendar:

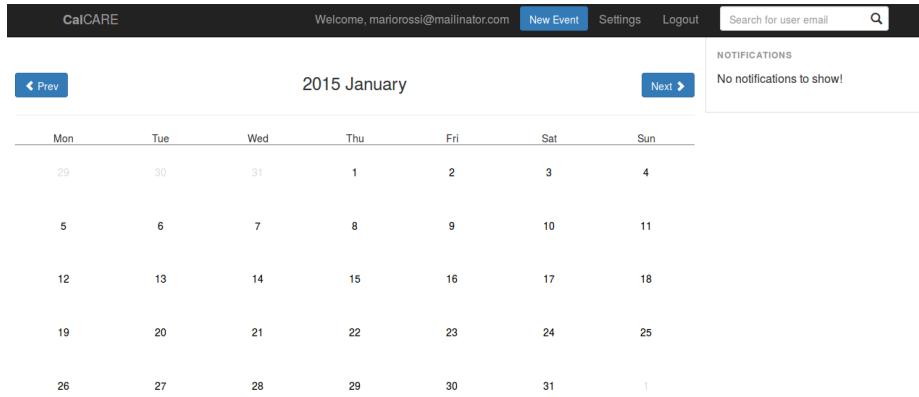


Figure 6: Personal Calendar

From there most of the possible actions for a user could be made: Create a *New Event*, access and edit personal *Settings*, *Logout* from the system, and more...

### 3.1 HomePage

Anytime by clicking on **Welcome, <username>** it is possible to return to the user personal page. This is useful when browsing other user's calendar to quickly come back to our own calendar.

### 3.2 Logout

Logout functionality, especially useful if the pc from which the browsing is done is a public one.

### 3.3 Search for User Email

On the top-right part of the user homepage there is a search bar. Starting typing an email address triggers the Instant Search: it is then shown, in real time, a result list of emails that match the searched string. From there, selecting a particular user, it is possible to see her calendar.

The screenshot shows the CalCARE user homepage. At the top, there is a navigation bar with links for 'Welcome, olivierozito@mailinator.com', 'New Event', 'Settings', and 'Logout'. To the right of the navigation bar is a search bar containing the placeholder 'co' and a magnifying glass icon. Below the search bar, the text 'Search results:' is displayed above a table. The table lists four users with their names and email addresses: Valeria Folliero (valeriafolliero@mailinator.com), Jolanda Barese (jolandabarese@mailinator.com), Cornelio Manfrin (cornelioomanfrin@mailinator.com), and Caio Lombardi (caiolombardi@mailinator.com). Each row in the table has a small arrow icon on the right side. To the right of the search results, there is a 'NOTIFICATIONS' section stating 'No notifications to show!'. Below the search results, there is a monthly calendar for '2015 January'. The calendar grid shows days from Monday to Sunday, with specific dates like 31, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, and 30. Navigation arrows for 'Prev' and 'Next' are located at the top and bottom of the calendar respectively.

Figure 7: User Search

### 3.4 Settings

Hitting the **Settings** button in the homepage toggle the *Edit Settings View*, from which the user can change some personal details, can import and export her own calendar and decide to make it public or private.

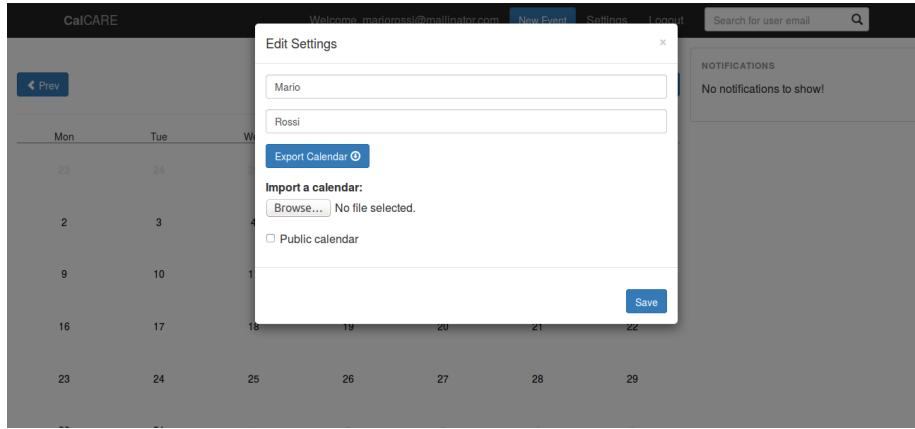


Figure 8: Personal Settings

The **Export Calendar** button will trigger the download of a copy of user's own calendar, properly encrypted to avoid bad data forgery by evil users, that the user can keep to restore his personal data.

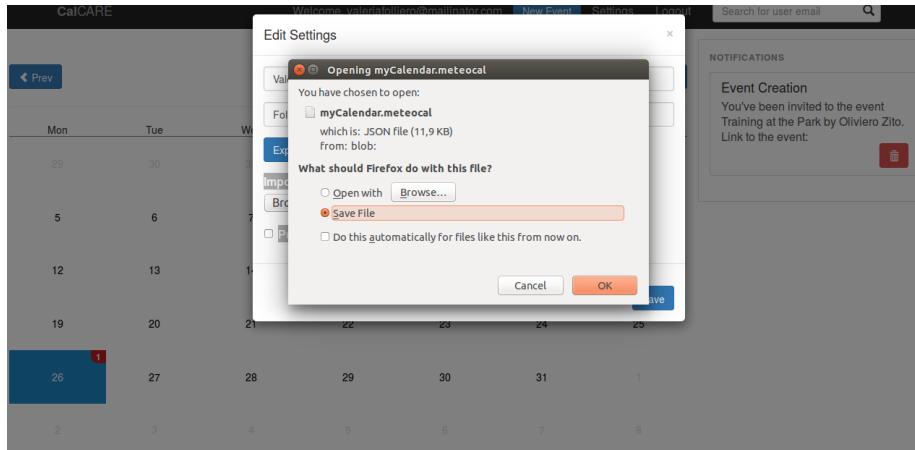


Figure 9: Export

### 3.5 New Event

Clicking on the blue button **New event** the event creation form is displayed, in which the user has to provide all the needed informations about the new event she wants to create: Name, Location, Dates, Invited People, a Description, and the Outdoor and the Public flags.

When all the required fields are filled, by clicking the **Create** button the system will proceed to add the event to the Database and after a brief wait,

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if there are no errors, the personal calendar with the updated information is shown to the user, including the brand new event.

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CaICARE

Welcome marinrossi@mailinator.com New Event Settings Logout Search for user email

New Event

Event name:

Description:

Outdoor  Public

From: Choose a begin date and time To: Choose an end date and time

Where?

Invited people: No invited people yet...

Search for users to invite!

Create

Mon Tue Wed Thu Fri Sat Sun

28 29 30 1 2 3 4

5 6 7 8 9 10 11

12 13 14 15 16 17 18

19 20 21 22 23 24 25

26 27 28 29 30 31 1

2 3 4 5 6 7 8

New Event

My First Event

Hello, World!

Outdoor  Public

From: 12/08/2014 8:00 AM To: 01/08/2015 10:49 AM

December 2014

Su	Mo	Tu	We	Th	Fr	Sa
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10

people yet...

Search for users to invite!

Create

New Event

My First Event 9

Hello, World!

Outdoor  Public

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Invited people will be notified about the invitation and will have the possibility to choose between Accept, Decline or leave the invitation in a pending state.

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The screenshot shows the CalCARE web interface. At the top, there is a navigation bar with links for 'New Event', 'Settings', and 'Logout'. A search bar is also present. The main area displays a calendar for January 2015. An event titled 'Training at the Park by Oliviero Zito' is highlighted on January 26th. A notification box on the right side of the calendar indicates an 'Event Creation' invite. Below the calendar, an email message is shown with the following details:

**To:** valeriafolliero  
**From:** noreply.calcare@gmail.com  
**Subject:** CalCARE Notification: Event Creation  
**Received:** Sun Jan 25 2015 14:13:00 GMT+0100 (CET)

Below the message are three buttons: 'Original', 'Forward', and 'Delete'.

You've been invited to the event Training at the Park by Oliviero Zito. Link to the event:  
<http://localhost:8080/meteocal-fgg/#/events/1>

In the bottom right corner of the main window, there is a 'Participate?' button with three options: 'Yes!', 'Maybe', and 'No.'

Figure 11: Invitation

## 4 Calendar Management

### 4.1 Edit an Event

It's possible to edit or delete an event by clicking on the corresponding day on the calendar and selecting the event that is going to be edited, then select the proper button to edit the event or to delete it.

If the owner chooses to edit the event the Event Edit View is displayed, pre-compiled with all the event information. After the changes, if the user presses on the Save button, the event is saved.

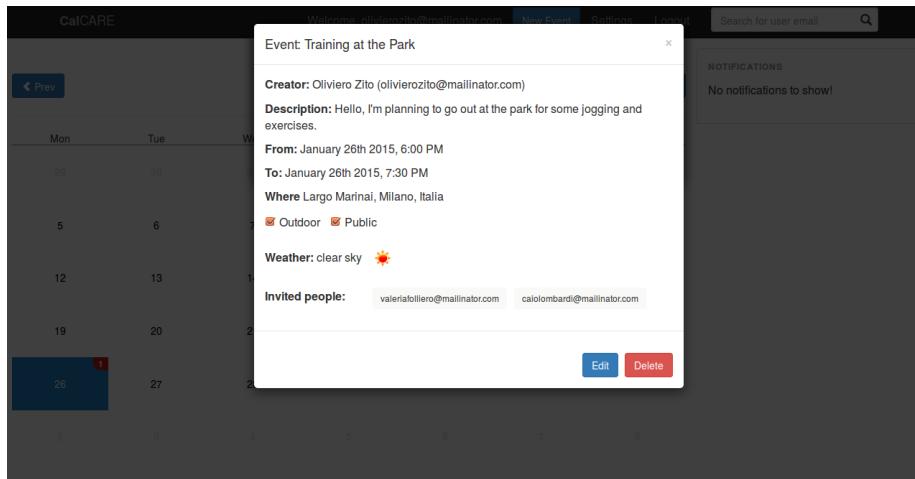


Figure 12: Event Edit

## 5 Errors

If the user enters some wrong information or tries to do some unauthorized actions she will be denied the access to the service and an error message will be displayed, showing the error reason.

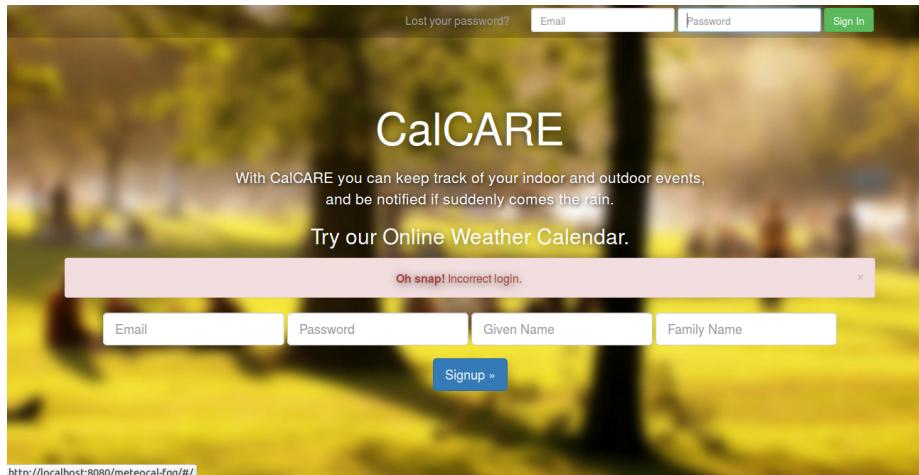


Figure 13: Incorrect Login

## 6 Known Bugs

In this section are explained the known bugs of the application that –for various reason– were not fixed in time for the first release of the application

- If the user schedules an event for some days, and 3 days before the system detects that there is more than one day that has a bad weather, the user is notified with more than one email.
- The notifications for the weather changes do not work very well, as sometimes they aren't detected by the system.
- When an user display an invite for an event it may happen that the dates are not displayed in the invitation but the event is still visible in the calendar.