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Politecnico Di Milano

Computer Science

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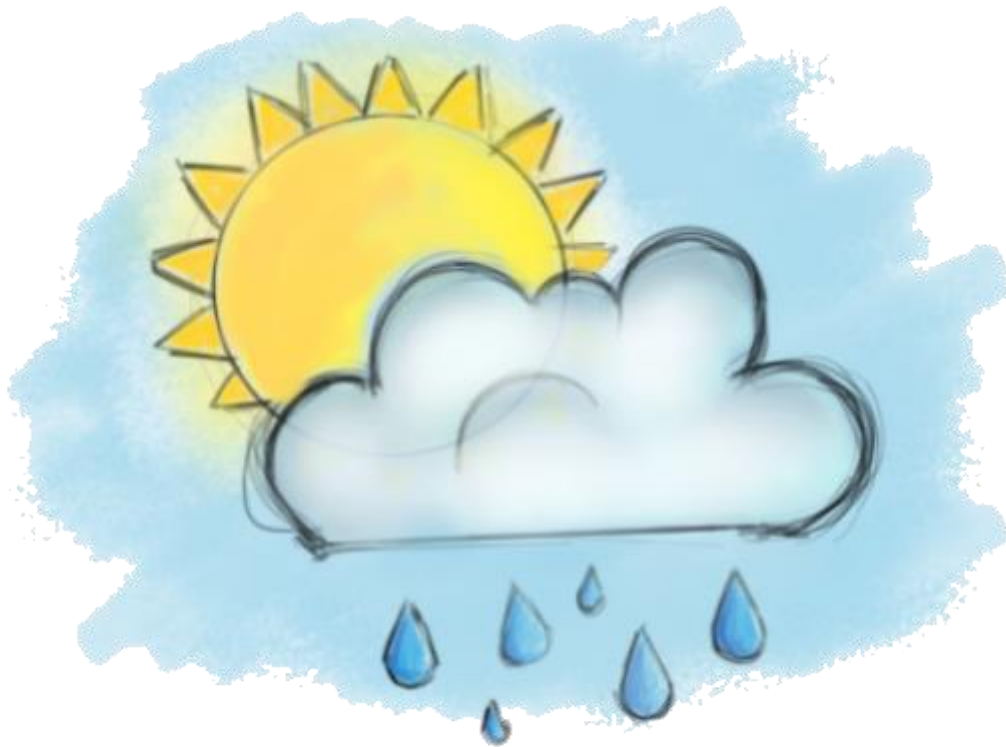


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User Manual

1. Introduction



*Welcome to MeteoCal
My Friend!*

Welcome to the world of MeteoCal.

This system allows you to manage your tasks in an intuitive and fast way, keeping in touch with friends and thanks to its automatic weather control system will notify you if the weather is not as desired and suggest the sooner date that matches your requirements.

In the following pages we will guide you in the discovery of the main features.

2. Functionalities

2.1 Guest

2.1.1 Register and Login

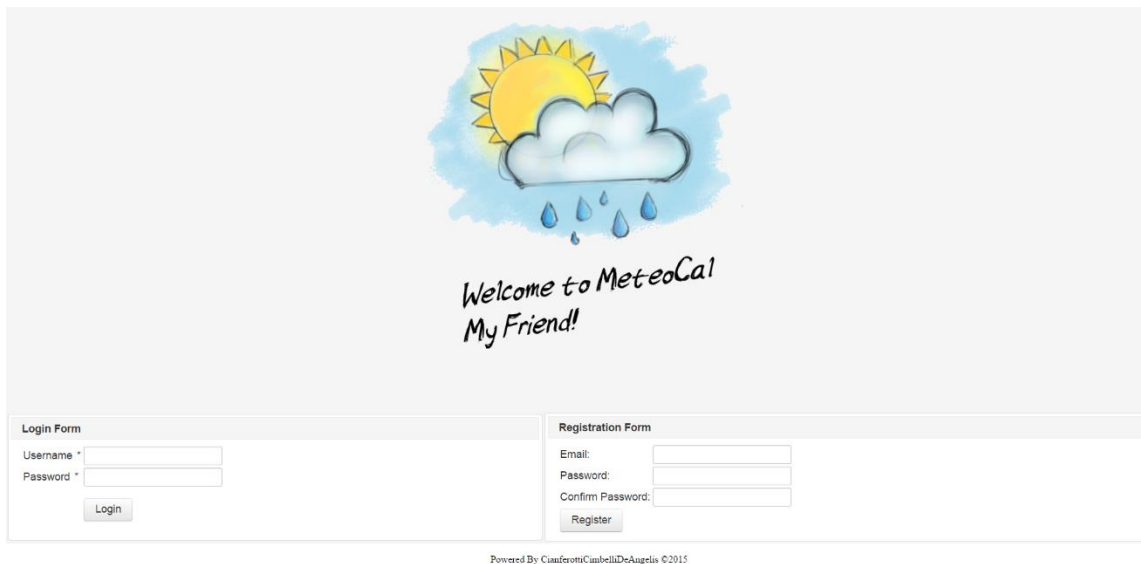


Figure 1 – HomePage

This is the Homepage of MeteoCal, accessible from your browser.

Under the Logo, there are two panels. The right one is used for registration. No MeteoCal functionality is accessible without registering on the site.

Due to the service that we will describe later in this guide, the email must be unique. The page will inform you if an email is already used by this popup message:

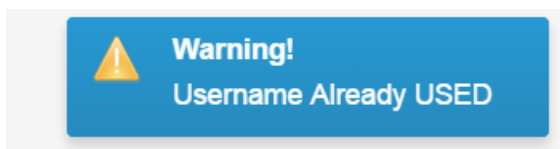


Figure 2 - Email error

The left Panel is for Login. Obviously, the system has to control that user inserts correct password for his username.

In case of wrong password or wrong username a popup message will appear:

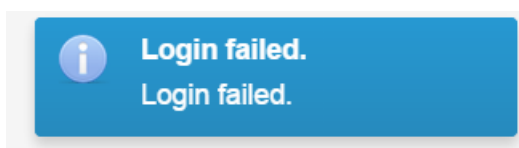


Figure 3 - Login Failed

2.2 Logged User

2.2.1 Userhome

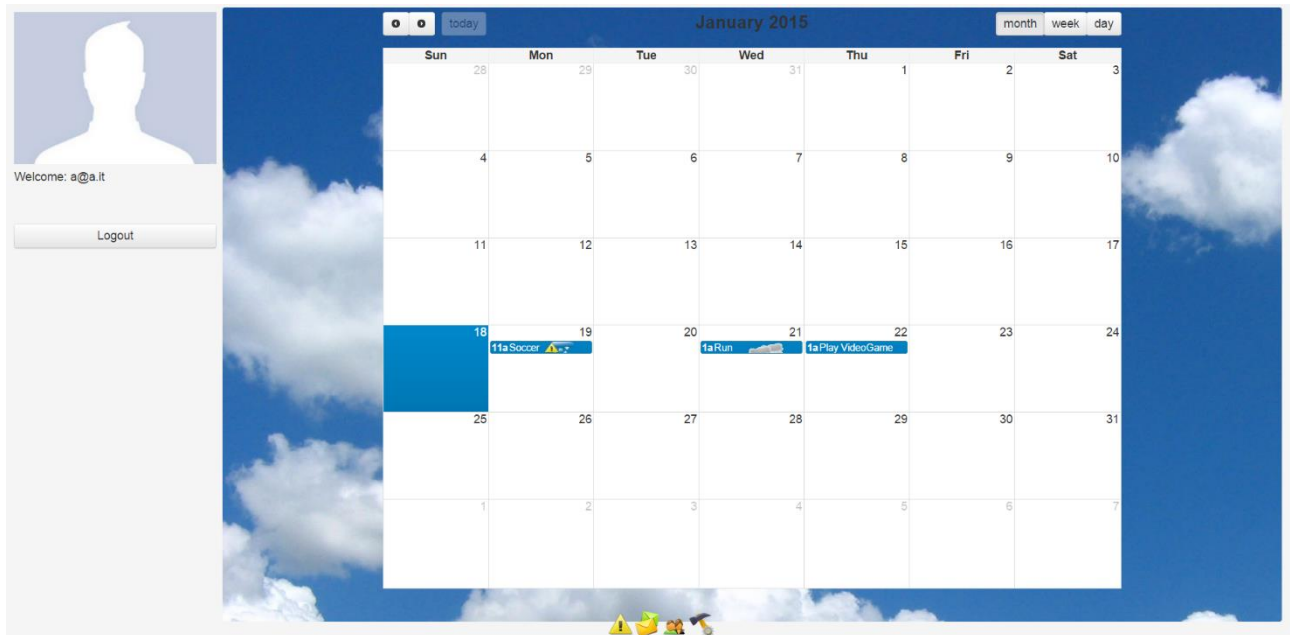


Figure 4 – UserHome

This is MeteoCal user home. Every functionality of this system is accessible directly from this page in intuitive way. In particular three are principal panels:

2.2.2 Calendar

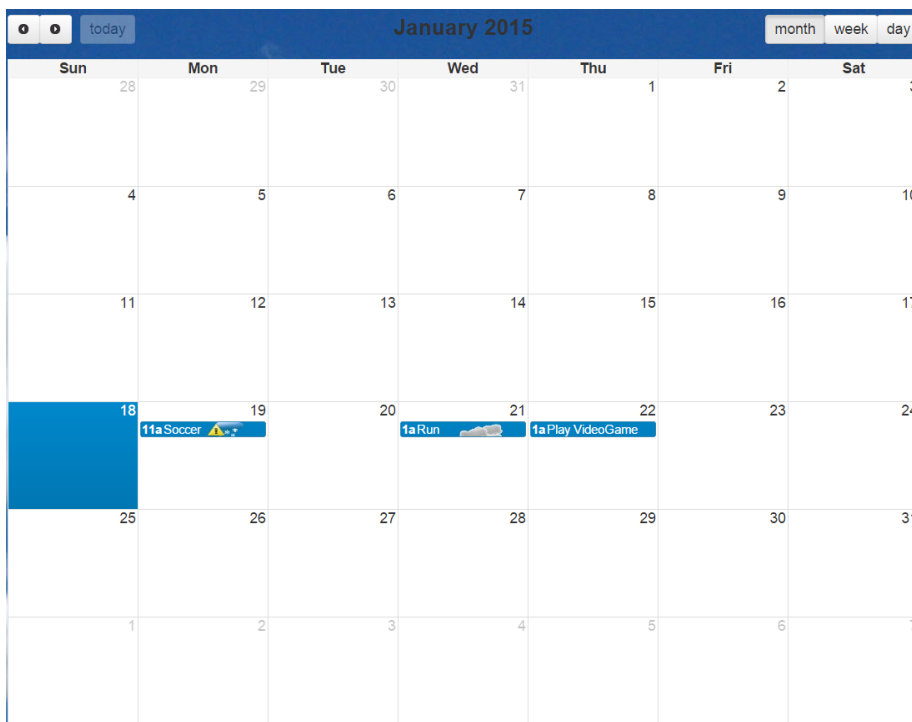


Figure 5 - Calendar

This is the calendar. In this panel, the user can see the next events.

Days can be divided by Month, Week or single Day.

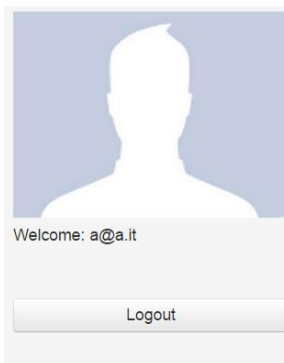
By Clicking on events or free day, it is possible to create or modify events, but this functionality will be described in next pages.

If Event is outdoor and the forecast service is available the event banner is enriched with the main weather of the day .

19	20	21	22
11a Soccer 		1a Run 	1a Play VideoGame

Figure 6 - First with Warning, Second Without Warning, Third Indoor

2.2.3 User Panel



This panel principally allow user to logout.

Figure 7 - User Panel

2.2.4 Button Panel

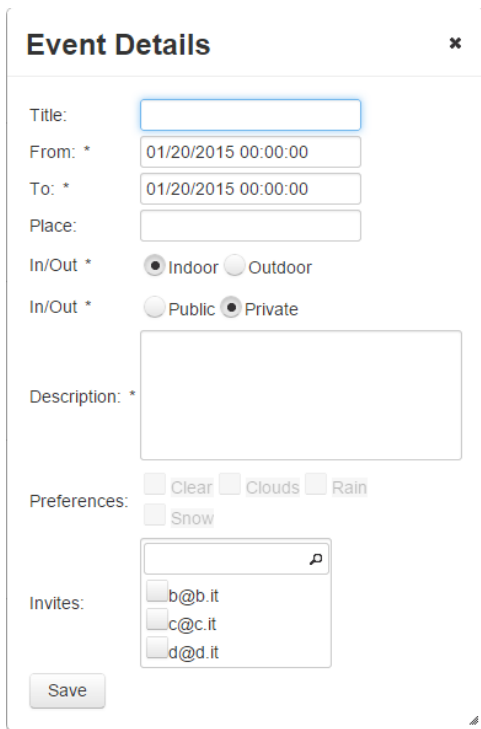


From this panel the user can have access to the main functionalities of the system.

Every Button will be analysed in next pages.

Figure 8 - Button Panel

2.2.5 Event Creation



Event Details ✕

Title:

From: *

To: *

Place:

In/Out * ☒ Indoor ☐ Outdoor

In/Out * ☐ Public ☒ Private

Description: *

Preferences: ☐ Clear ☐ Clouds ☐ Rain ☐ Snow

Invites:

By clicking on a free day, the system will popup this dialog panel.

The preloaded date is the one that the user had chosen.

Title, Place and Description are required. A Popup message will inform user in case he forgot one of this.

From this dialog he can also choose if the event will be accessible from his public calendar or not, in case of outdoor event, he can choose the weather he wants and send invites to other users registered in the system.

Figure 9 - Event Creation

The System provide an automatic overlapping control. If the user created or accepted an event and try to create a new event that provoke overlapping problems , the system will message him that the creation is impossible . the system will prevent also the creation of event with incorrect date .

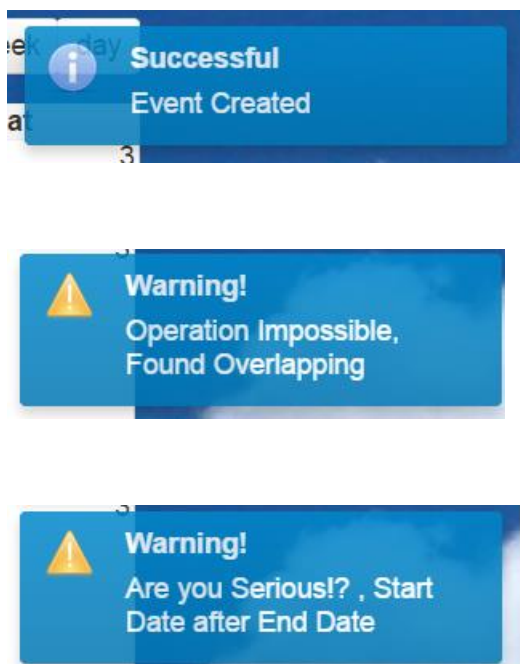
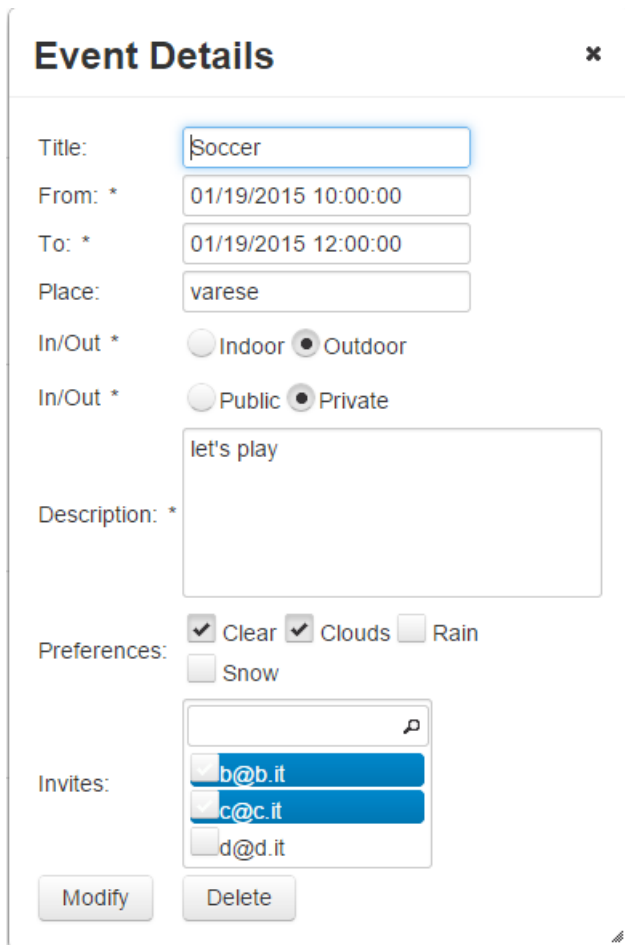


Figure 10 - Event Created , Overlapping Problems , Date incorrect

2.2.6 Event Modification and Delete



The 'Event Details' dialog box contains the following fields and controls:

- Title:** Text input field containing 'Soccer'.
- From: *** Date and time input field containing '01/19/2015 10:00:00'.
- To: *** Date and time input field containing '01/19/2015 12:00:00'.
- Place:** Text input field containing 'varese'.
- In/Out *** Radio button group with 'Indoor' and 'Outdoor' (selected).
- In/Out *** Radio button group with 'Public' and 'Private' (selected).
- Description: *** Text area containing 'let's play'.
- Preferences:** Checkboxes for 'Clear' (checked), 'Clouds' (checked), 'Rain' (unchecked), and 'Snow' (unchecked).
- Invites:** A list of email addresses: 'b@b.it', 'c@c.it', and 'd@d.it'. The first two are highlighted in blue.
- Buttons:** 'Modify' and 'Delete' buttons at the bottom.

Similar to event Creation there is the event modification.

By clicking on event banner, the system will popup the same dialog but pre-populated with details of the chosen event.

The same consideration about incorrect date or overlapping problems made for event creation can be made with this functionality.

By Clicking on Delete button, the user can decide to delete the event chosen.

Figure 11 - Event Modification

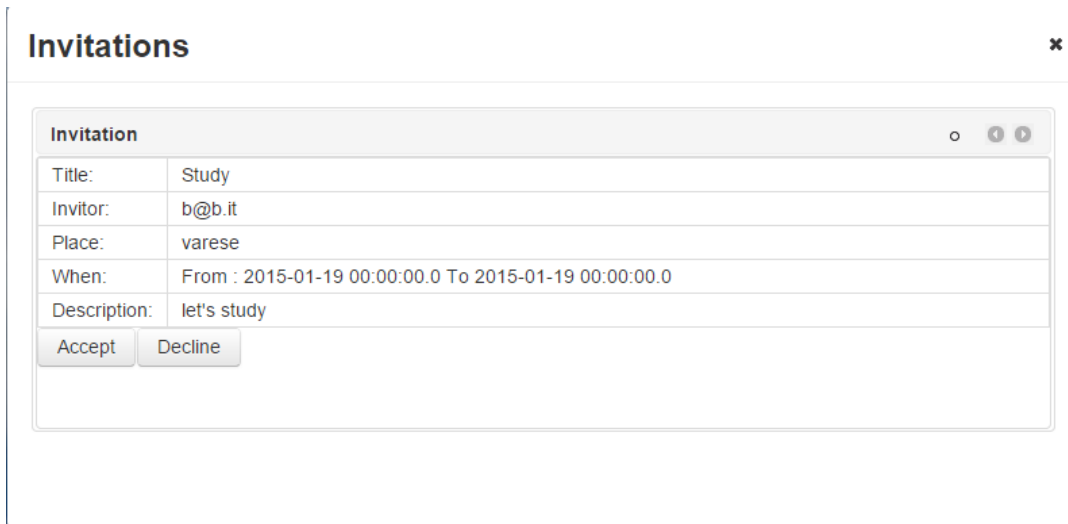
2.2.7 Invitations Management



This is the button for invitations.

By clicking this, the system will pop up the invitations dialog.

Figure 12 – invitations



Invitations ✕

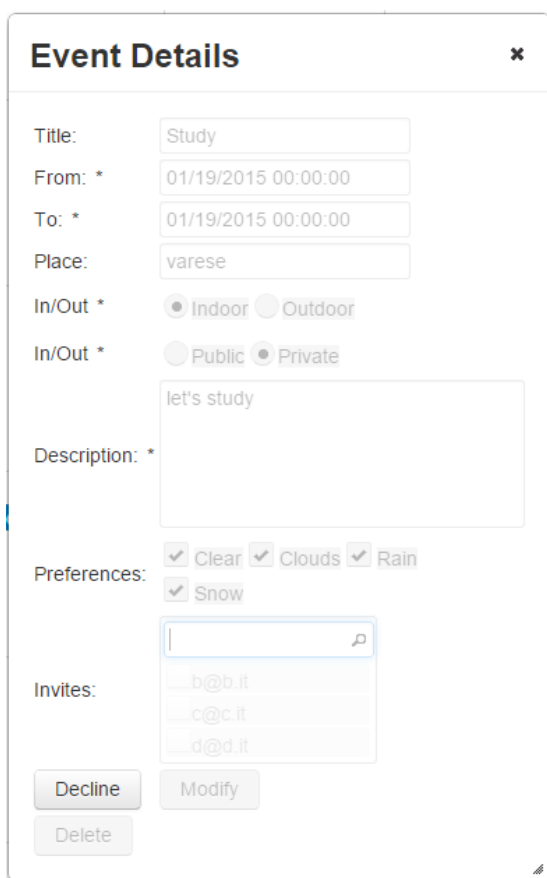
Invitation	
Title:	Study
Invitor:	b@b.it
Place:	varese
When:	From : 2015-01-19 00:00:00.0 To 2015-01-19 00:00:00.0
Description:	let's study
<input type="button" value="Accept"/> <input type="button" value="Decline"/>	

Figure 13 – Invitations

The dialog will show a list of event to which the user has been invited.

For every event, the user can decide to accept or decline. The overlapping system prevent problems like in event creation and modification.

The event can be selected like the other, but every input is disabled and the user can only decide to decline the invitation he accepted



Event Details ✕

Title:

From: *

To: *

Place:

In/Out * ☒ Indoor ☐ Outdoor

In/Out * ☐ Public ☒ Private

Description: *

Preferences: ☒ Clear ☒ Clouds ☒ Rain ☒ Snow

Invites:

Figure 14 - Invitation Accepted

2.2.8 Public Calendars



Figure 15 – Users Button

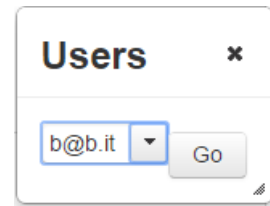


Figure 16 - Users List

By the “Users” button user can see the list of users that had set their calendar as public.

After the selection of the name a dialog will popup populated with the events that were set as public by the user.

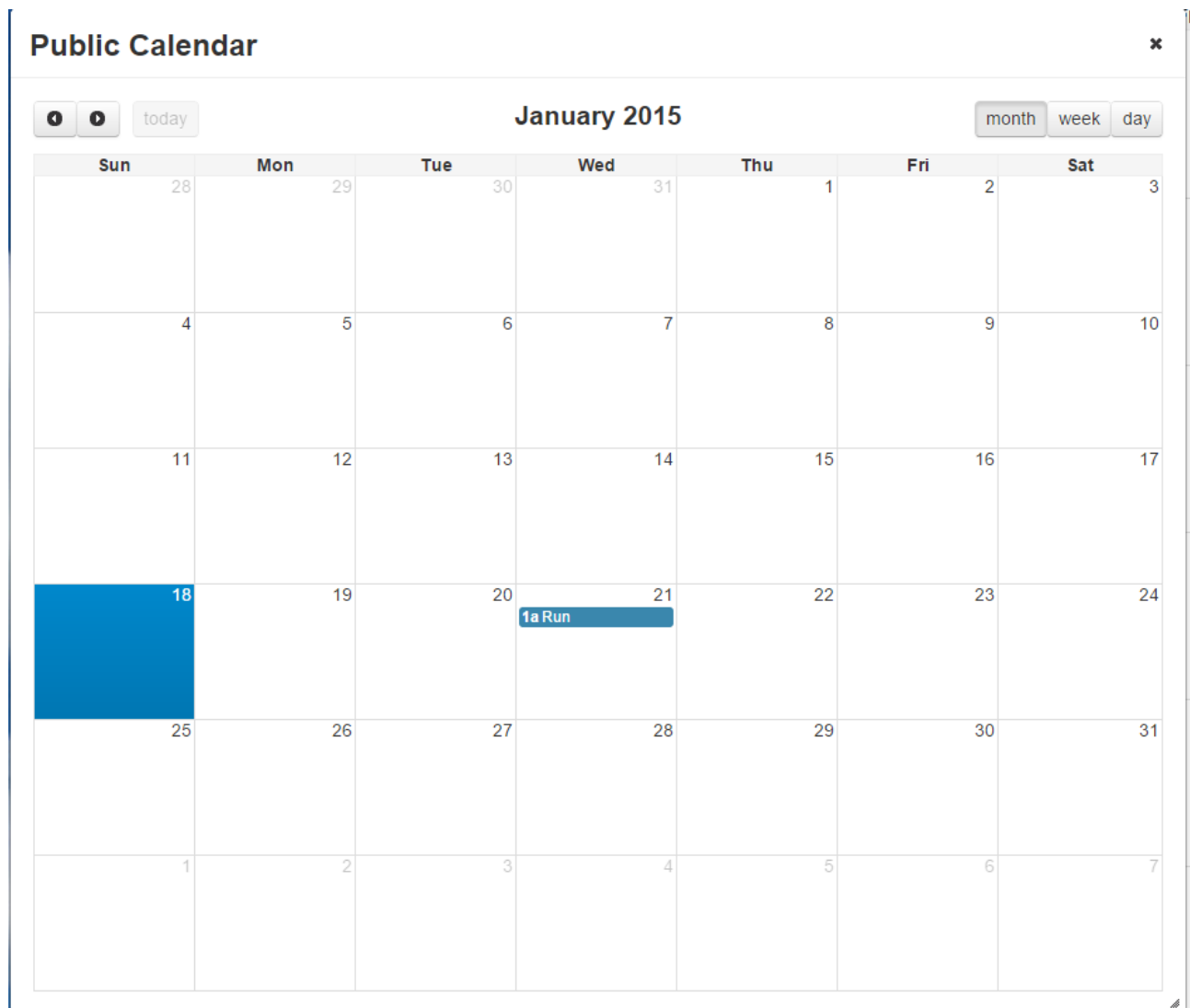


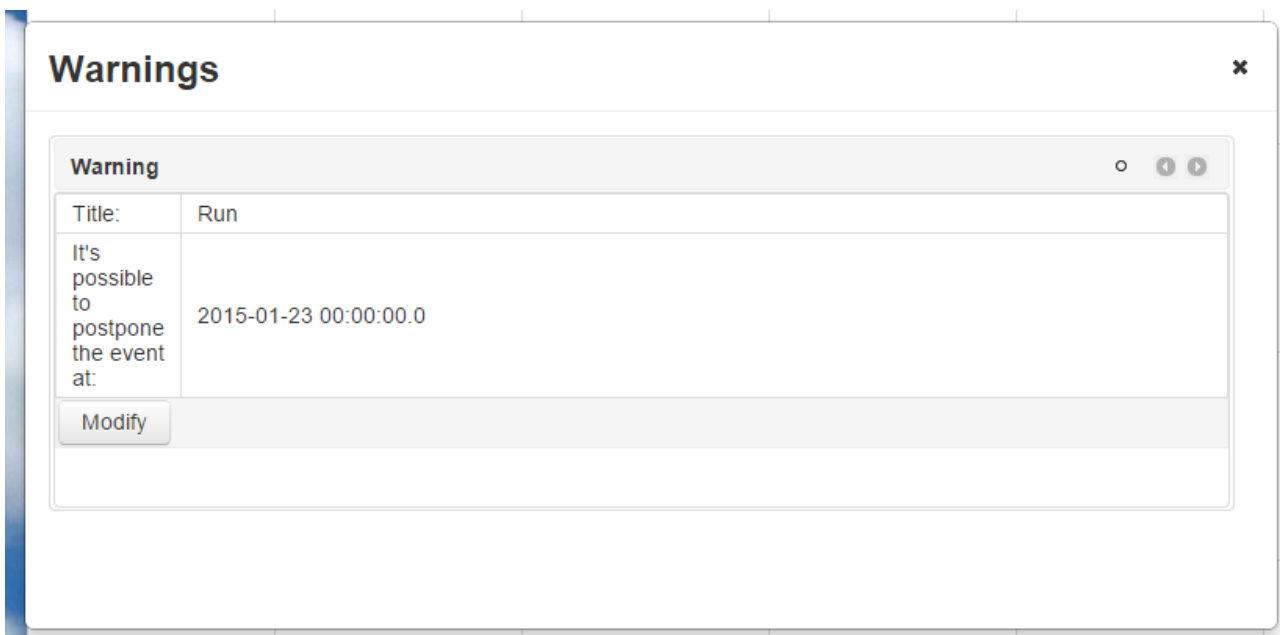
Figure 17 - Public Calendar

2.2.9 Warnings System



By this Button the system will popup a dialog panel like this:

Figure 18 - Warnings



In the dialog there are the events declared as outdoor events and to which the system found a problem concerning weather.

The system can suggest the closest free day with the weather declared in the creation of the event.

If in the next ten days no suggestion is possible, the system will not provide any.

2.2.10 Settings



Figure 19a - Settings Button

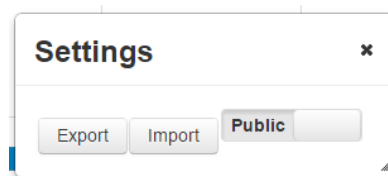


Figure 19b - Settings Panel

By Clicking on settings button the settings panel will popup with three choices:

2.2.11 Export

This functionality exports the user calendar (only created events) in 'Documents' Folder.

If everything was ok, a message will popup.



Figure 20 - Export Completed

2.2.12 Import

This functionality import the user calendar (only created events) from 'Documents' Folder.

If the existing calendar there are created or accepted events that provoke overlap with importing events, the latter will be not imported.

2.2.13 Public / Private Calendar



Figure 21 - Public/ Private button

By this button the user can decide to make his calendar public(private) .In case he decide to make it private , his name will disappear from the users list.

2.2.14 Emails System

The system will provide email support for warnings (see RASD document) and invitations

3. *Final Considerations*

We hope we have explained as best as possible the main aspects of our system and we've convinced you to use it and recommend it your friends.

thank you and goodbye!!