



POLITECNICO DI MILANO

SOFTWARE ENGINEERING 2 PROJECT

MeteoCal

User manual

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Part I

System Description

MeteoCal is a web based platform. Thus users need internet access and a web browser to use the platform.

Users can navigate through the system using usual commands such as links, buttons, input forms and so on.

With a standard deploy on a local machine the web address to have access to MeteoCal is `http://localhost:8080/MeteoCal/login.xhtml`

Part II

Unlogged User

1 Login

Users can perform the login filling the two input forms. If the login is successful the user is redirected to his homepage. Otherwise an error message is shown.

From the login page an unlogged user can access registration page and about page. In order to do so he has to click on of the two links under the login button.

METEOCAL

Login

Email *	<input type="text"/>
Password *	<input type="password"/>
<input type="button" value="Login"/>	

[Register](#) [About](#)

2 Register

Users can sign-up for MeteoCal using the registration page. All the input fields are mandatory. If the registration is successful the user is redirected to the login page. Otherwise adequate error messages are shown.

From the registration page users can go back to the login or go to the about page using the links.

Registration

Insert new data here

Username

Name

Surname

Email

Password

Confirm Password

Calendar privacy

Public

•

Private

Register

[Login](#)

[About](#)

3 View About

Users that want more information before signing up for MeteoCal can read the About page.

The “login” and “register” links enable the user to reach the other pages available when the user is not logged.

About MeteoCal

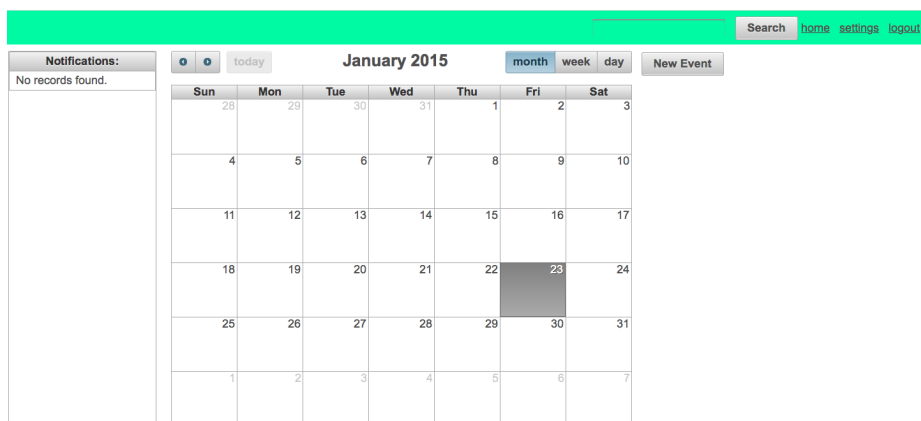
MeteoCal is a new weather based online calendar developed to help people scheduling their personal events avoiding bad weather conditions.
Suppose you planned a football match with your friend on the next Sunday. MeteoCal will help you avoiding a match in the middle of a storm.
Registered users can create, delete and update events. An event should contain information about when and where the event will take place and whether the event will be indoor or outdoor.
During event creation, any number of registered users can be invited.
Join MeteoCal now. Don't let the weather give you bad surprises!

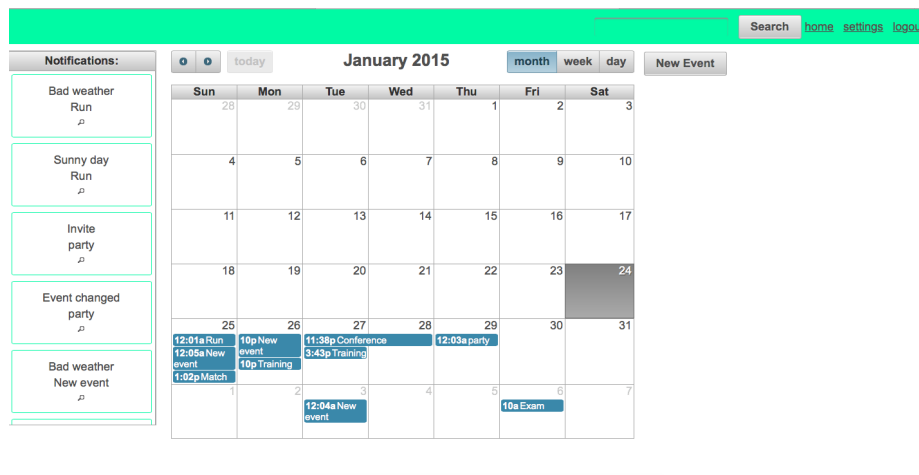
[Login](#) [Register](#)

Part III Logged User

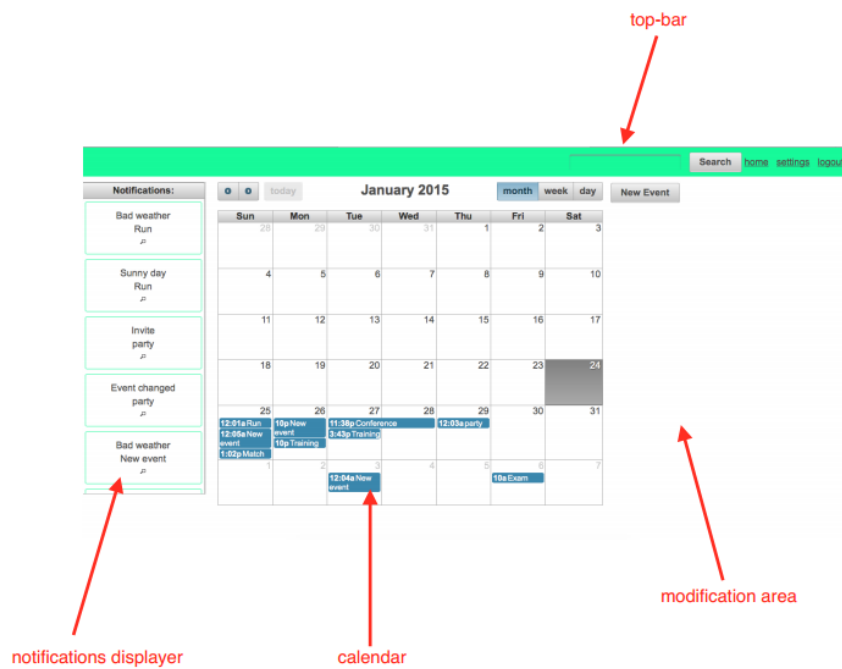
4 Overview

When the user performs the login he/she is taken to the homepage. The home contains the core of the platform: the calendar. These are two views of the homepage: one without any event and a quite busy one.





The following schema highlights the key components of the homepage.



The top-bar is displayed in every page available for the logged user. It allows to search another user by writing the search key in the input form and clicking on the search button.

Moreover users can reach their settings page, go back to their home or logout.



5 Manage Calendar

5.1 Browse Calendar

Users can browse their calendar using the commands placed at the top left of it. They can also choose between different type of view using the buttons on the top right of the calendar.

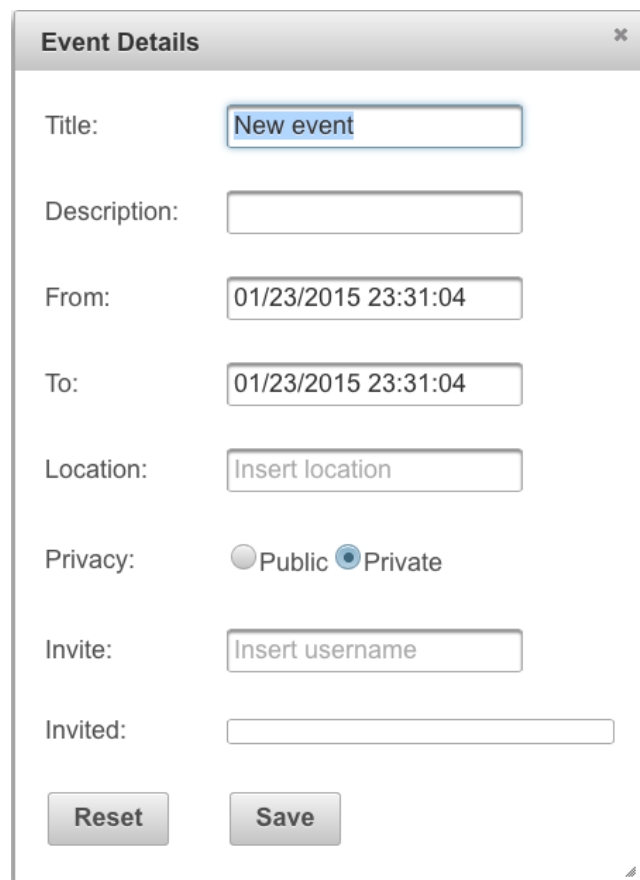


5.2 Create event

If you want to create a new Event you have to click on the New Event button, placed on the right of the calendar. After clicking on the New Event button the following dialog appears on the right of the calendar. Using this dialog you can specify all the event details. None of the details is mandatory.

If the title is not specified it's set to "new event" by default. If the start/end of the event are not specified they're set to the current time by default.

You can save or reset the event using the related buttons. If you close the dialog without saving nothing happens.

A dialog box titled 'Event Details' with a close button (X) in the top right corner. It contains several input fields and buttons. The fields are: 'Title:' with a text box containing 'New event'; 'Description:' with an empty text box; 'From:' with a text box containing '01/23/2015 23:31:04'; 'To:' with a text box containing '01/23/2015 23:31:04'; 'Location:' with a text box containing 'Insert location'; 'Privacy:' with two radio buttons, 'Public' (unselected) and 'Private' (selected); 'Invite:' with a text box containing 'Insert username'; and 'Invited:' with an empty text box. At the bottom, there are two buttons: 'Reset' and 'Save'.

You can select dates typing into the form or using the calendar. Neither starting time in the past nor ending time before the start will be allowed.

From the picture you can see the calendar to select the end date. Note that dates before the start are not selectable.

Event Details

Title:

Description:

From:

To:

Location:

Privacy:

Invite:

Invited:

January 2015

Su	Mo	Tu	We	Th	Fr	Sa
				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

Time 00:01:09

Hour

Minute

Second

Places and users have to be selected from the autocomplete. In order to search for a place you have to specify its name. The system will let you choose between the different cities with the same name. In order to search for a user you have to specify its username. The system will provide results showing users email (which are the unique user id). You then have to choose the email of the user you want to invite.

After the first invite is sent the form is updated. You can see an updated list of the user you have invited right under the “invite user autocomplete”. You can invite as many people as you want before saving.

The following three picture show:

1. A place selection with two alternatives.
2. The selection of a user to invite him
3. The updated form after the invite is sent

Event Details

Title:

Prova

Description:

evento di prova

From:

01/23/2015 23:31:04

To:

01/23/2015 23:31:04

Location:

Palo Alto

Privacy:

Palo Alto (MX)

Palo Alto (US)

Invite:

Insert username

Invited:

Reset

Save

Event Details

Title:

New event

Description:

From:

01/23/2015 23:33:53

To:

01/23/2015 23:33:53

Location:

Insert location

Privacy:

Public

Private

Invite:

andrea

Invited:

andre@gmail.com

bomber@gmail.com

Reset

Save

Event Details

✕

Title:

New event

Description:

From:

01/23/2015 23:33:53

To:

01/23/2015 23:33:53

Location:

Insert location

Privacy:

☐

Public

☒

Private

Invite:

Insert username

Invited:

andrea

Reset

Save

5.3 Check, modify, delete event

You can check the details of an event by simply clicking on it. A dialog containing all the relevant information will be displayed. For example:

Search

home

settings

logout

Notifications:

Bad weather Run

Sunny day Run

Invite party

Event changed party

Bad weather New event

o

o

today

January 2015

month

week

day

New Event

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	31	1	2	3
4	5				9	10
11	12				16	17
18	19				23	24
25	26				30	31

12:01a Run

12:05a New event

1:02p Match

10p New event

10p Training

11:30a Match

12:04a New event

10a Exam

Event Details

Title: Match

Description:

From: 01/25/2015 13:02:20

To: 01/25/2015 14:02:20

Location: Moscow (RU)

Privacy: Private event

Forecast:

Participants: a

Modify

Delete

The details dialog allows the creator of the event to delete (the event is deleted for all its participants) or modify the event.

“Modify Event” will open the dialog on the right of the calendar where you can update event details. Note that the dialog displays the updated information of the event you are modifying.

The following images show some of the features of event detail dialogs for event creator.

Event Details

Title:

New event

Description:

From:

01/25/2015 23:47:05

To:

01/25/2015 23:47:05


Location:

Sitka (US)

Privacy:

Private event

Forecast:



Participants:

Modify

Delete

Event Details

Title:

Training

Description:

From:

01/27/2015 15:43:14

To:

01/27/2015 23:43:14


Location:

Moscow (RU)

Privacy:

Private event

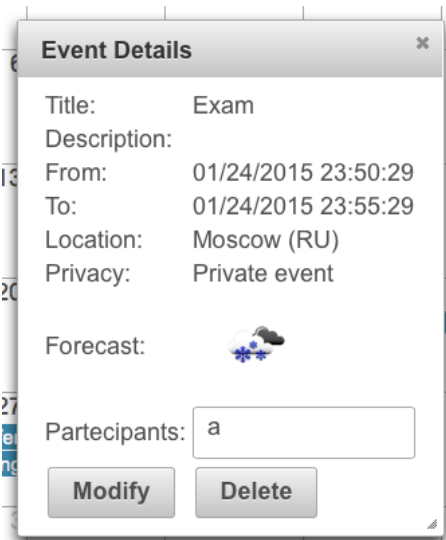
Forecast:



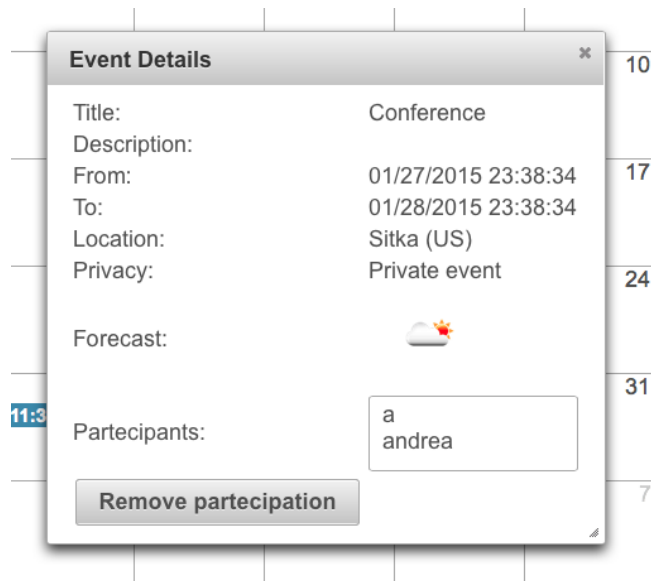
Participants:

Modify

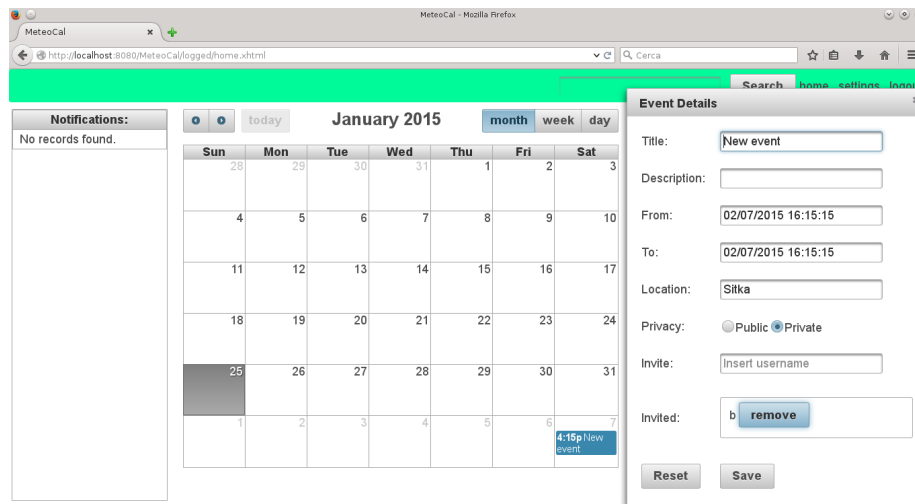
Delete



A participant (an invited user) is able to see event details but can't modify or delete it. A participant can only decide to remove his unregistered for the selected event, removing himself/herself from the list of participants.



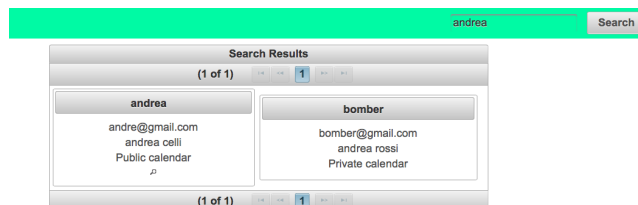
The creator of an event is able to remove other users from the participant list (whether they have already accepted the invitation or not) by clicking on the *remove* button near to the participant's name.



6 Search

6.1 Search

Using the top bar you can search for other users. The search key might be the username, the name or the user's surname. Results are shown in the result page. The following image shows the results corresponding to the search key "andrea".



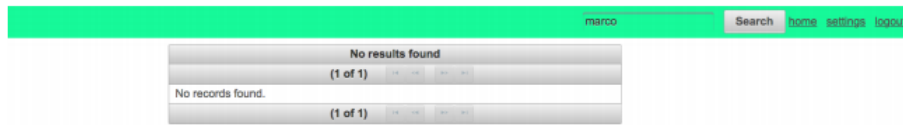
In more detail:



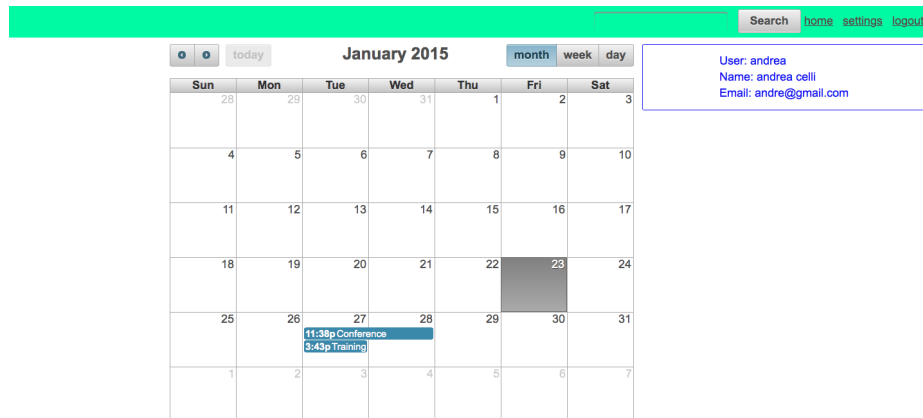
6.2 View other user page

Andrea Celli has a public calendar. You can go to his calendar by clicking on the lens. Andrea Rossi has a private calendar. Therefore you can't browse his calendar page. If you have clicked the lens to Andrea Celli's calendar you'll be redirected to a page showing his calendar.

This is an example of a search that didn't find any result.

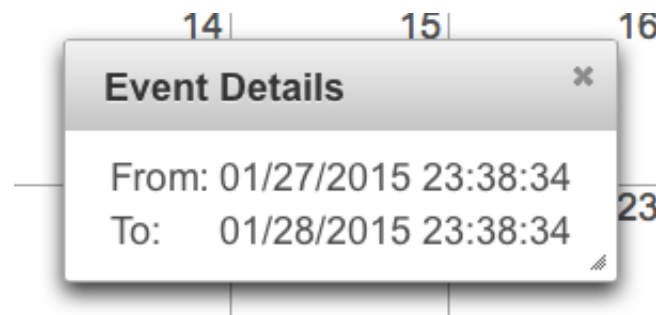


The following image shows an example of another user's calendar.



On the right you can see the details of the selected user. When you click on one of the displayed events the system will check whether the event is public or private. In case of public event the details (title, description, start/end, location) will be displayed in a dialog. Otherwise, if the event is private, you will be able to see only the starting time/date and the ending time/date of the event.

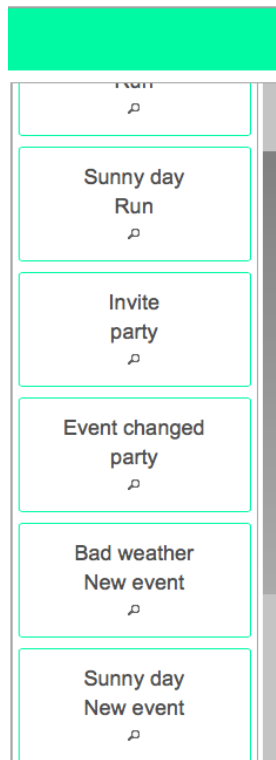
The following image gives an example of the details of a private event.



7 Notifications

You can receive different type of notifications. You will find all of them on the left, in the notifications panel. If the number of notifications is high you will be able to scroll the panel.

In this picture the user is scrolling his notifications.



You can read a notification by clicking on the lens under the title of the referred event. When you click on it the system displays a dialog that shows details about the notification and asks for your response.

In case of bad weather alert and event changed notification you can only mark the notification as red using the OK button. The same situation arises when the system is not able to find a sunny day for a “sunny day proposal”.

In case of invites and sunny day proposals you are asked whether to accept or decline. You can answer using “Accept” and “Decline” button. When you close a notification dialog without explicitly answering the notification is not marked as red, therefore it will still be in your notification panel.

The following images show all the different types of notifications.

6	7	8	9
---	---	---	---

Notification Details: ✕

Type:	Invite
Event:	Conference
Description:	
From:	01/27/2015 23:38:34
To:	01/28/2015 23:38:34
Location:	Sitka (US)

4	5	6	7	8	9	10
---	---	---	---	---	---	----

Notification Details: ✕

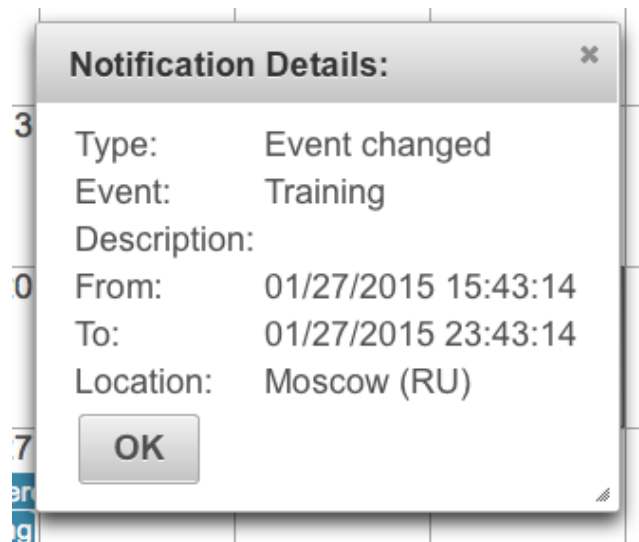
Type:	Sunny day
Event:	Training
Description:	
From:	01/25/2015 13:42:14
To:	01/25/2015 14:42:14
Location:	Sitka (US)
Proposal:	Weather forecasts for the event are bad. Do you want to move it?
Nearest sunny day:	01/26/2015 22:00:00

4	5	6	7	8
---	---	---	---	---

Notification Details: ✕

Type:	Bad weather
Warning:	Bad weather for the following event!
Event:	Exam
Description:	
From:	01/24/2015 23:50:29
To:	01/24/2015 23:55:29
Location:	Moscow (RU)

event | 3:43p Training



8 Settings

You can change your personal details using your settings page. You can input new personal data into the forms. You can't save leaving any of them blank, except for the password (if you save after having typed something in the password field your password will be updated, otherwise it will remain the same). This is an example of a settings page.

 A screenshot of a 'Settings' page. At the top is a green navigation bar with a 'Search' button and links for 'home', 'settings', and 'logout'. The main heading is 'Settings' in green. Below it is a box containing the following information:

User: andrea
 Name: andrea celli
 Email: andre@gmail.com

 Below this is a form with the following fields:

Username	<input type="text" value="andrea"/>
Name	<input type="text" value="andrea"/>
Surname	<input type="text" value="celli"/>
Password	<input type="password"/>
Confirm Password	<input type="password"/>

 Below the form fields is a 'Calendar privacy' section with two radio buttons: 'Public' (selected) and 'Private'. At the bottom left of the box is a 'Save' button.

Part IV

Errors

When managing your personal data (login, registration, settings) errors may occur. The following images gives an idea of the way in which error are displayed.

9 Login errors

METEOCAL

Login

Email *

Password *

Login

Password: Validation Error: Value is required.

[Register](#) [About](#)

METEOCAL

Login

Email *

Password *

Login

Login Failed

[Register](#) [About](#)

10 Registration errors

Registration

Insert new data here

Username

May not be empty

Name

May not be empty

Surname

May not be empty

Email

May not be empty

Password

May not be empty

Confirm Password

Calendar privacy

Public

Private

Register

Login

About

Registration

Insert new data here

Username

a

Name

a

Surname

a

Email

a@a.com

Password

Password should match with Confirm Password.

Confirm Password

Calendar privacy

Public

Private

Register

Login

About

Password: Validation Error.

11 Settings error

Settings

User: a
Name: a a
Email: a@a.com

Username	<input type="text"/>	<input checked="" type="checkbox"/> May not be empty
Name	<input type="text"/>	<input checked="" type="checkbox"/> May not be empty
Surname	<input type="text"/>	<input checked="" type="checkbox"/> May not be empty
Password	<input type="password"/>	
Confirm Password	<input type="password"/>	

Calendar privacy ☐ Public ☒ Private

Settings

User: andrea
Name: andrea celli
Email: andre@gmail.com

Username	<input type="text"/>	<input checked="" type="checkbox"/> May not be empty
Name	<input type="text"/>	<input checked="" type="checkbox"/> May not be empty
Surname	<input type="text"/>	<input checked="" type="checkbox"/> May not be empty
Password	<input type="password"/>	<input checked="" type="checkbox"/> Password: Validation Error: Value is required.
Confirm Password	<input type="password"/>	

Calendar privacy ☒ Public ☐ Private