# Test Cases

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The system, in this first version, has been tested mainly through the user interface, due to the large number of features to implement; anyway, some unit tests have been written (with JUnit), to test some critical functionalities, and to perform a bit of regression testing during the development.

Here follows the list of some tests that have been performed through the web interface.

## 1 Event creation and invitation

- The user logs in into che CalCARE website.

- From there she's redirected to the user homepage, from where she is able to create/edit/delete events.

- Clicking on the button "Create Event" the popup for event creation pops out.

- The users fills the necessary informations: Name of the Event, Description, Start and End, and optionally a list of invited users through the Instant Search bar.

- Finally the user clicks on "Create" and after a brief wait to let the system verify that all the necessary informations are correctly inserted the event will be show on the user's calendar.

- All the invited users to the brand new event will be emailed about it, and will be asked to them to accept or decline the invitation.

- Further notification will inform partecipating users for changes in case of bad weather and weather changes.

## 2 User Registration

- The User reaches the CalCARE web site, and in the homepage she can insert the registration data.

- She fills the registration form with the data: Name, Surname, Email, Password; finally she clicks on "Signup" and a confirmation message will appear if all the fields are correctly filled.

- Now the user will receive an email from the system that will provide a link that the user have to visit in order to confirm the registration and activate the account.

- From now on the user can use the credentials inserted during the registration to access the CalCARE platform. When she will login, she will be auto-redirected to the personal homepage.

# 3 The User wants to delete an event

- After reaching the CalCARE site and authenticate, the personal calendar is displayed to the user.

- From there the user is able to select the day in which the event she wants to delete is located.

- When the user clicks on a day the event list is loaded for that day.

- Clicking on an event the user is able to edit the event information or delete it.

- By clicking on "delete" the event is successfully removed from the user calendar.

- The user who deletes the event can be only the creator of the event (there is a security check to assure this), and all the partecipation link, pending notifications and events on the other user's calendar will be deleted as well.

- In the latter case all invited users will receive a notification to inform them of the deleted event.

# 4 A user visits and edits her information on the personal profile

- The user logs in into the CalCARE application.

- She clicks on the "Settings" button on the top of the page.

- She is then redirected on the personal profile page where the personal information can be edited.

- If needed the user can edit the fields representing personal information.

- After some modifications the user clicks on "Save".