
MeteoCal Project



Test Cases

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1 Introduction

In order to test the functionalities of our system we decided to manually experiment different workflows to be sure that the tested cases work as expected.

‘Testing shows the presence, not the absence of bugs.’ -Dijkstra (1969)-

2 Test cases

2.1 Login-logout

- Login with correct credentials: The user is recognized and redirect to his homepage.
- Login with wrong username or password: The user is not logged in and a detailed error is displayed.
- Logout: The user is logged out and redirected to the log in page.

2.2 Signup

- The user sign up but the email do not respect the expected pattern, so an error message is shown.
- The user sign up but the name do not respect the expected pattern so an error message is shown.
- The user tries to register with an already existing email, an error message is displayed saying that the user is already registered.
- The user tries to register without filling all the mandatory input texts, so errors corresponding to the missing informations are shown.
- The user sign up filling in the text boxes with right information and hits signup. An account is created for the user with already a private default calendar, an email of confirmation is sent to the user and the user is redirected to the login page.

2.3 Create event

- The user fills in all the fields except for the title and hit save. The system display an error saying that title is mandatory.
- The user fills in all the fields but uses a ending date in the past and hit save. The system display an error saying that the user cannot create an event in the past.

- The user fills in all the fields but leaves blank time and date and hit save. The system display an error saying that date and time is mandatory.
- The user fills in all the fields, but the ending date-time precedes the starting date-time, so an error is shown.
- The user search himself into the invitation search bar: the result list is not containg the user.
- The user invites some users and then search for one of them again: the risult list is not containg the already invited users matching the search string.
- The user fills in the fields and invites some users, hit save. A dialogue message is displayed saying that the event is conflict with other events already scheduled. The user hits Ignore and save. The events is saved and email notifications are sent to the invitees. The user is redirected to the event page.

2.4 **Crete event and weather**

- The user creates an indoor event with location and saves, weather forecast is not added.
- The user updates an event with location from indoor to outdoor and the weather forecast is added.
- The user creates an outdoor event with location and the weather forecast is added.
- The user creates an outdoor event without location and the weather forecast is not added.
- The user updates and event with location from outdoor to indoor and the weather is not shown in the event page anymore.
- The user updates an outdoor event with an unknown location and the weather forecast is not added.
- The user creates an outdoor event with an unknown location and the weather forecast is not added.

2.5 **Update event**

- The owner of the event hits edit from the event page. the user is redirected to the manage event page and he changes the location of his event than hits save.The event is updated and the user is redirected to the event page.
- The user click edit, he is redirected to the manage event page, puts a thick on the outdoor checkbox and hits save. He is redirected to the event page and the weather is updated since the event is now outdoor.

2.6 Delete event

- An user deletes a public event with one participant with invitation, an user that declined the invitation, an user that didn't answer to the invitation and an user who did a public join to the event. The owner cannot see the event in the owned tab on the wall, neither the invited or joined users in the related tab. The invited users who have answered yes and whoever has joined event, have received an email and a notification for the cancelled event.

2.7 Answer invitation

- The user goes to the invitation tab in his wall, selects an event and clicks on participate. He then adds the event to his private calendar. The participation is set and the event saved in the calendar.
- The user goes on the wall page, selects a public event and clicks on participate adding the event to his public calendar. The event is added to the his public calendar and the public join relation is set.
- The user A participate with a public join to the public event X of B. After B sends an invitation to A. The public join is automatically removed and the invitations set to Yes.
- The user A participate with a public join to the public event X of B and adds the event is his calendar K. After B sends an invitation to A. The public join is automatically removed and the invitations set to Yes. The event is still in the calendar K of A.

2.8 Check time conflicts

- The user creates an event, the event is in conflict because it's in the middle of an other event. A reschedule is suggested and accepted by the user. The event is saved with the new dates.
- The user creates an event, the event is in conflict because it ends in the middle of an other event. A reschedule is suggested and accepted by the user. The event is saved with the new dates.
- The user creates an event, the event is conflict because it starts before an other event and ends after it. A reschedule is suggested and accepted by the user. The event is saved with the new dates.
- The user creates an event, the event is in conflict because it starts in the middle of an other event. A reschedule is suggested and accepted by the user. The event is saved with the new dates.

2.9 Notify participants one day before

- An event is created with invitee X and invitee Y. User X has accepted the invitation, Y didn't. The weather forecast changed and the event is scheduled for the next day. The user X receives a notification and an email for the bad weather. The owner of the event also receives an email because the weather is changed. The user Y didn't receive nothing.

2.10 Notify owner three days before

- The user X on monday creates an outdoor event with a location for the next wednesday. He receives an email because the event is in 3 days and the weather is bad.

2.11 Notify if weather change anytime

- The user X creates an outdoor event with a location. The weather changes and the user is notified with a notification and an email.

2.12 Notify invitation

- The user X creates a private event and invites user Y. Y receives both an email and a notification in the web browser. Clicks on the notification icon, he is redirected to the notification page, he clicks on the event link and he is redirected to the event page. There he chooses to participate and he adds the event to one of his calendar. A message is shown that notify that the event has been added to the chosen calendar.

2.13 Notify update event

- The user X updates his event A adding to the invitees also T. The users Y and Z were invited and they respectively answered Participate and Decline so Y receives a notification for an event change, T receives a notification for the invite and Z does not receives any notification.
- The use X create an event inviting Y and Z. Y answer Participate, Z answer Decline. X updates the guest list of his event inviting T but Z,Y do not receive any notification for this change.

2.14 Change calendar privacy

- The user Y goes to the calendar page of X and he cannot see the calendar A of X because it's private. The user X is in the homepage, selects a private calendar A from the drop down menu and change the privacy to public. The calendar privacy is updated. The user Y goes to the calendars page of user X and can see the calendar A.

2.15 See other users calendars

- The user X tries to find the user Y using the search functionality but the user Y is not displayed since he has no public calendars.
- The user X goes to the user Y calendars page but he cannot see any calendar because user Y has no public calendars. Instead a message explaining the situation is displayed.
- The user X goes to the calendar page of user Y, user Y has a Public Calendar that it's seen by X but only the public events are shown with the name

2.16 Add new calendar

- The user is in his homepage and clicks on addCalendar a dialog box is shown, he types a calendar name that already exists so the calendar is not created.
- The user clicks on addCalendar, enters an unique name without ticking the default checkbox and creates a new calendar (private or public).
- The user clicks on addCalendar, ticks the default option and a calendar is created which is also default(private or public).

2.17 Delete calendar

- The user try to delete the default calendar. An error message is shown and the action is forbidden.
- The user try to delete a non default calendar and hits yes on the confirmation dialog. He then selects the option to delete all the events in the calendar. The calendar page is updated without the calendar deleted. The calendar and all the events are deleted
- The user deletes a non default calendar and decides to move the events. The calendar is deleted and all the events moved in the default calendar.
- The user deletes a calendar and decides to detach the event in the calendars. The calendar is deleted but the events in it still exist.
- The user deletes a calendar with public and private events which are not owned by him. He selects to delete all the events in the calendar, so his events are deleted, the public and private events are declined.

2.18 Import

- The user goes to the setting page import a calendar which has his own events and which are not present in any other calendar of the user. The events are imported in a new calendar of the user.
- The user import a calendar with events of other users. The public event is automatically joined and the private event answer is set to Yes.

2.19 Export

- The user goes to the setting page, selects a calendar to export, clicks select then download and the calendar is downloaded in .ics format.

2.20 Delete user

- The user goes to the setting page, clicks on delete account the confirms on the dialog box that shows up. The user account, his events and his calendars are removed, the user is redirected the the sign up page.

2.21 Change user details

- The user changes his name with a string which do not respect the expected pattern and an error message is displayed.
- The user changes his email with a string that do not respect the expected pattern and an error message is displayed.
- The user changes his password but the old one is wrong and an error message is displayed.
- The user changes his password but the password inserted do not match the expected pattern so an error message is displayed.
- The user changes his password, then logs out, then tries log in with the new password and succeeds.