Acceptance Testing Report

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Contents

1 Introduction

In this document we describe the tests executed on another project and we report the obtained results. We report some brief conclusions after the tests description.

The tested project is the following
    https://code.google.com/p/meteocal-scalia/
In performing the tests we were aided by the documentation published by the developer and in particular by the *Testing Cases* document.

Every test will have the following sections

- **Goal**: what should be achieved

- **Environment**: where the test takes place

- **Input**: the inputs given to the system

- **Expected output**: what we expected as output

- **Obtained output**: what we got as output

- **Exceptions**: exceptions raised by the system on wrong inputs or statuses

- **Notes/Errors**: eventual notes on the test or errors discovered while performing the test

2 Tests

2.1 User registration

Goal	Registration to the service
Environment	The registration page
Input	Username, email, password, confirmation password, name, surname, city, state, address, telephone
Expected output	The new user has been registered and redirected to the login page
Obtained output	As above
Exceptions	- Mandatory fields have not been filled. The system does not proceed with the registration and shows the message "May not be empty". - Fields have been filled incorrectly. The system does not proceed with the registration and shows appropriate messages. - The username already exists. The system does not proceed with the registration and prompts the user to choose another username. - Passwords mismatch. The system does not proceed with the registration. The user needs to input the passwords again.
Notes/Errors	- Mandatory fields are not denoted by "*" - Some fields are not length restricted, this causes database exceptions (e.g. the username is too long) - Different users may use the same email

2.2   User login

Goal	Accessing the service
Environment	The login page
Input	Username and password
Expected output	The user has been authenticated and redirected to his personal page
Obtained output	As above
Exceptions	• Mandatory fields have not been filled. The system does not proceed with the authentication. • Fields have been filled incorrectly. The system does not proceed with the authentication and shows the "Login failed" message.
Notes/Errors	None

2.3   User logout

Goal	Leaving the service
Environment	Any page with the top menu bar
Input	Clicking the "Logout" button
Expected output	The user was logged out and redirected to the login page
Obtained output	After logging out the user is redirected to the homepage from which he can reach the login page
Exceptions	None
Notes/Errors	Clicking too early on the "Go to your personal home page" link brings the user back to his personal page as if he has not logged out

2.4   Event creation

Goal	Create an event
Environment	Event creation page
Input	Name, place, address, country, city, start event, end event, type, invited users, temperatures, weather conditions
Expected output	The event was created and the user was redirected to his personal page
Obtained output	As above, but the event starting hour on the schedule does not take into account time zones and is shifted back by one hour
Exceptions	- Mandatory fields have not been filled. The system does not proceed with the event creation. - Fields have been filled incorrectly. The system does not proceed with the event creation and shows appropriate messages.
Notes/Errors	- Some fields are not length restricted, this causes database exceptions (e.g. the event name is too long) - Min and max temperature fields accept arbitrary numerical input resulting in cases like -Infinity and Infinity that generate database exceptions

2.5 Event modification

Goal	Modify an event
Environment	Event page
Input	Name, place, address, city, start event, end event, type, invited users, temperatures, weather conditions
Expected output	The event was updated and the event page displays now the new informations
Obtained output	As above
Exceptions	- Mandatory fields have not been filled. The system restores the previous values. - Fields have been filled incorrectly. The system does not proceed with the event update and shows appropriate messages.
Notes/Errors	- Some fields are not length restricted, this causes database exceptions (e.g. the event name is too long) - If no bad weather condition was set in the event creation phase or in a previous update, it is necessary to save the event before being able to modify the bad weather conditions

2.6 Modified event notifications

Goal	Receive a notification for an event that has been updated
Environment	Any page with the top menu bar; participant users perspective
Input	A owner has modified an event
Expected output	Update notifications have been sent to all the participants and are listed as pending in the notification bar.
Obtained output	As above
Exceptions	None
Notes/Errors	Update notifications are sent on pressing the "Save Changes" button even if no actual update was made to the event by the owner

2.7 Adding invitations

Goal	Add other users to the invited users
Environment	Event page
Input	The event owner selects new users to invite to his event
Expected output	Invitations have been sent to all the participants and are listed as pending in the notification bar.
Obtained output	As above
Exceptions	None
Notes/Errors	None

2.8 Event deletion

Goal	Deleting an event
Environment	Event page
Input	Clicking on "Delete event" and confirming the intent
Expected output	The event is removed from the participants' calendars and the invites are removed. The event page displays that the event has been deleted if accessed after the deletion happened.
Obtained output	As above
Exceptions	None
Notes/Errors	If the owner keeps two pages open with the same event and deletes the event through one page he can then bring it back saving/updating the event in the other page

2.9 Changing invitation status

Goal	Accepting or declining an invitation to an event
Environment	User page
Input	Clicking on the button to the right of the name of the event in the "My invitations" panel
Expected output	The event is added/removed from the invited user's calendar. The invitation status is updated. The number of participants is updated
Obtained output	As above
Exceptions	None
Notes/Errors	The organizer's name in the hover text for the invitation is always the viewing (logged in) user and not the real organizer

Goal	Accepting or declining an invitation to an event
Environment	Event page
Input	Clicking on the button in the "My invitation" panel
Expected output	The event is added/removed from the invited user's calendar. The invitation status is updated. The number of participants is updated
Obtained output	As above
Exceptions	None
Notes/Errors	None

2.10 Check event participants

Goal	Checking the user who will be attending an event
Environment	Event page, owner view
Input	None
Expected output	The event participants and invitees are listed in the "Invitations" panel
Obtained output	As above
Exceptions	None
Notes/Errors	None

2.11 Check calendar

Goal	Checking personal schedule
Environment	User page
Input	Loading the user page or clicking on the "Main page" button in the top menu bar
Expected output	The user can see and browse his schedule and can also add (remove) events accepting (declining) pending (accepted) invitations. The user can eventually access the event page by clicking on the event
Obtained output	As above
Exceptions	None
Notes/Errors	The events' starting hour on the schedule does not take into account time zones and is shifted back by one hour (already noted in Event creation)

2.12 Bad weather alert

Goal	Alerting a participant for bad weather on an event
Environment	Any page with the top menu bar
Input	None
Expected output	The user attending an event with bad weather conditions is notified of the fact through a notification in the notification bar. He is also notified if he logs in 24 hours before the event starts.
Obtained output	We were only able to observe notifications generated for the owner but not the participants
Exceptions	None
Notes/Errors	None

3   Conclusions

The tested project is functional and absolves almost all the major requirement.
The bad weather alert for participants should be revised.
Some more focus should be put towards input validation and minor fixes should be made to the user page.

4   Informations

This section does not pertain the tested application but it's intended as a small report of the Acceptance Testing phase itself.

4.1   Effort

As of February 7, 2015 approximately **15 hours** have been spent during the Acceptance Testing phase.

4.2   Tools used

Texmaker 4.1 to write this document.
    http://www.xm1math.net/texmaker/

Glassfish Server 4.1 to deploy the tested MeteoCal application.
    https://glassfish.java.net/

Firefox to access and test the application.
    https://mozilla.org/firefox

Chromium to access and test the application.
    https://www.chromium.org/Home

Opera to access and test the application.
    http://www.opera.com/it