Politecnico Di Milano

Engineering of computing systems

Software Engineering II

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MeteoCal

Testing Document

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1 Test Cases

1.1 Provided Material

In order to test our platform we provide the following documents:

- Requirements and Analysis Specification Document (RASD)

- Design Document (DD)

- The source code

- Some JUnit tests

1.2 Guest Cases

For the guest these are the test cases.

Sign up

Goal: Guest is able to register

Environment: The *Sign Up* page

Input: Valid registration informations (name,surname, username, email, password)

Expected output: The system confirms the sign up. Information is correctly stored into the database. A new user is created and a confirmation email is sent.

Obtained output: Coerent with the expected.

Final output: The system shows a message to check the email to confirm the registration.

Possible errors: in those cases the user is not allowed to register and so to log in

- mandatory fields empty

- username already used

- email already used

- email is not a valid email

- password and confirm password fields don't match

Retrieve password

Goal: User can reset his password

Environment: The *Log in* page

Input: Email of the user that wants to reset his password

Expected output: The system sends an email with a link to a page where the user can set another password

Obtained output: Coerent with the expected.

Final output: The system shows the *Log in* page and the user is able to log in with the new password

Possible errors: in those cases the user is not allowed to reset his password

- email is not a valid email
- password and confirm password fields don't match

Log In

Goal: User can log in

Environment: The *Log in* page

Input: Username and password

Expected output: The user logs in correctly

Obtained output: Coerent with the expected.

Final output: The system shows the *Calendar* page of the user

Possible errors: in those cases the user is not allowed to log in

- empty fields
- username and password are not a valid couple

1.3 User cases

Create Event

Goal: Create a new event

Environment: The *Calendar* page

Input: Information for event creation

Expected output: A new event is created and inserted in the user's calendar

Obtained output: Coerent with the expected.

Final output: The system shows the *Event Details* page of the event just created

Possible errors: in those cases the user is not allowed to create the event

- mandatory fields empty

- start time after end time

- duration of the event overlaps with other user's events

Update Event

Goal: Update an existing event

Environment: The *Event details* page

Input: Information for event update

Expected output: An existing event is updated and notification of modification are sent to participants

Obtained output: Coerent with the expected.

Final output: The system shows the *Event Details* page of the event just updated

Possible errors: in those cases the user is not allowed to update the event

- mandatory fields empty

- start time after end time

- duration of the event overlaps with other user's events

- user not the organizer

Show data

Goal: Show profile of a user

Environment: The *Profile* page

Input: Click on *Profile* tab

Expected output: System shows data of right user

Obtained output: Coerent with the expected.

Final output: The system shows the *Profile* page of logged user

Possible errors: there are no possible errors

Change data

Goal: Change user information

Environment: The *Change data* page

Input: User's new data

Expected output: Updated data stored in the DB

Obtained output: Coerent with the expected.

Final output: The *Profile* page with the updated data

Possible errors: in those case the operation of update is not accomplished

- username already user by another user

- new email not valid

- email already user by another user

Add a user in the address list

Goal: Update the address list with a new user

Environment: The *Profile* page, the *Profile* page of another user, the *Invite* page

Input: username of new contact

Expected output: contact added in the address list

Obtained output: Coerent with the expected.

Final output: The *Profile* page with the updated data of the address list

Possible errors: in those case the operation of adding is not accomplished

- username not in the DB

- empty field

Show events of a day

Goal: Show events of the day clicked

Environment: The *Calendar* page

Input: Click on day of the month

Expected output: list of the event of that day

Obtained output: Coerent with the expected.

Final output: The *Today events* page with the events

Possible errors: there are no possible errors

Show events of a day

Goal: Invite people to an event

Environment: The *Invite* page

Input: Usernames of invited users

Expected output: invite notifications and email sent to invited users

Obtained output: Coerent with the expected.

Final output: The *Event details* page of the event

Possible errors:

- no username selected to be invited, system shows a error message

Invite people

Goal: Invite people to an event

Environment: The *Invite* page

Input: Usernames of invited users

Expected output: invite notifications and email sent to invited users

Obtained output: Coerent with the expected.

Final output: The *Event details* page of the event

Possible errors:

- no username selected to be invited, system shows a error message

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Import

Goal: Import

Environment: The *Calendar* page

Input: Calendar imported

Expected output: calendar updated with events of imported calendar

Obtained output: Coerent with the expected.

Final output: The *Calendar* page of the user with updated data

Possible errors:

- file not of the supported type

Export

Goal: Export

Environment: The *Calendar* page

Input: Calendar exported on the pc of the user

Expected output: calendar exported with all the events

Obtained output: Coerent with the expected.

Final output: The *Calendar* page with a success message

Possible errors:

- no events scheduled in the calendar, system shows a message

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Export

Goal: Export

Environment: The *Calendar* page

Input: Calendar exported on the pc of the user

Expected output: calendar exported with all the events

Obtained output: Coerent with the expected.

Final output: The *Calendar* page with a success message

Possible errors:

- no events scheduled in the calendar, system shows a message

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See weather

Goal: See weather for day of event

Environment: The *Event details* page

Input: Click on event interested

Expected output: weather of the event

Obtained output: Coerent with the expected.

Final output: The *Event details* page with weather conditions

Possible errors: there are no possible errors