

UC – Use Case internal steps

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Name: Create event

1. The system verifies if the user is logged as an organizer.
2. The organizer selects “Add a new event”.
3. The system prepares a blank creation form.
4. The organizer adds all the information in the blank fields.
5. The system uses Google Maps API to verify the correctness of the location address. *
6. The organizer completes the creation of the event.
7. The system connects to the internal database and updates it with new event data.
8. The system shows a confirmation popup organizer of the successful creation of the event.
9. The system notifies all users in event city that a new event is available.

Extensions:

- 4a. Input text is too long: The system asks the organizer to insert a shorter value in the specific text field.
- 4b. Invalid time format: The system asks the organizer to insert a valid time.
- 4c. Selected date is before the current date or empty: The system asks the organizer for a valid date.
- 5a. Google Maps API nonresponding: The system notifies the organizer that the API is not responding and goes back to step 3. *
- 6a. Event with the same name already created: System notifies the organizer to change name.
- 7a. Database failure: The system notifies the organizer that the creation failed and terminates the use case.

Dictionary:

1. Information: event name, address, province, city, date from the calendar, time, type of music from a preloaded list, an image picked from user files.

* := discrepancies