

# EasyChat

***A simple instant messaging application  
to keep in touch with your friends***

# Application index: login/Sign form



*Login area:  
If credentials provided are valid  
you are redirected to the main page*

A login form titled "EasyChat". It contains two input fields: "Username" with the placeholder text "Enter username", and "Password" with the placeholder text "Password". Below the fields are two buttons: a blue button labeled "Sign on!" and a blue button labeled "Log in!".

*Sign on:  
If a user is still not registered  
Here can do it*

*Login error:  
If credentials are not registered  
Inside the current db, you get an error text message  
to video.*

# Main page of EasyChat

*This button manages new personal chat or group creation*

*Log out button: on click session ends and You are redirected to login form*

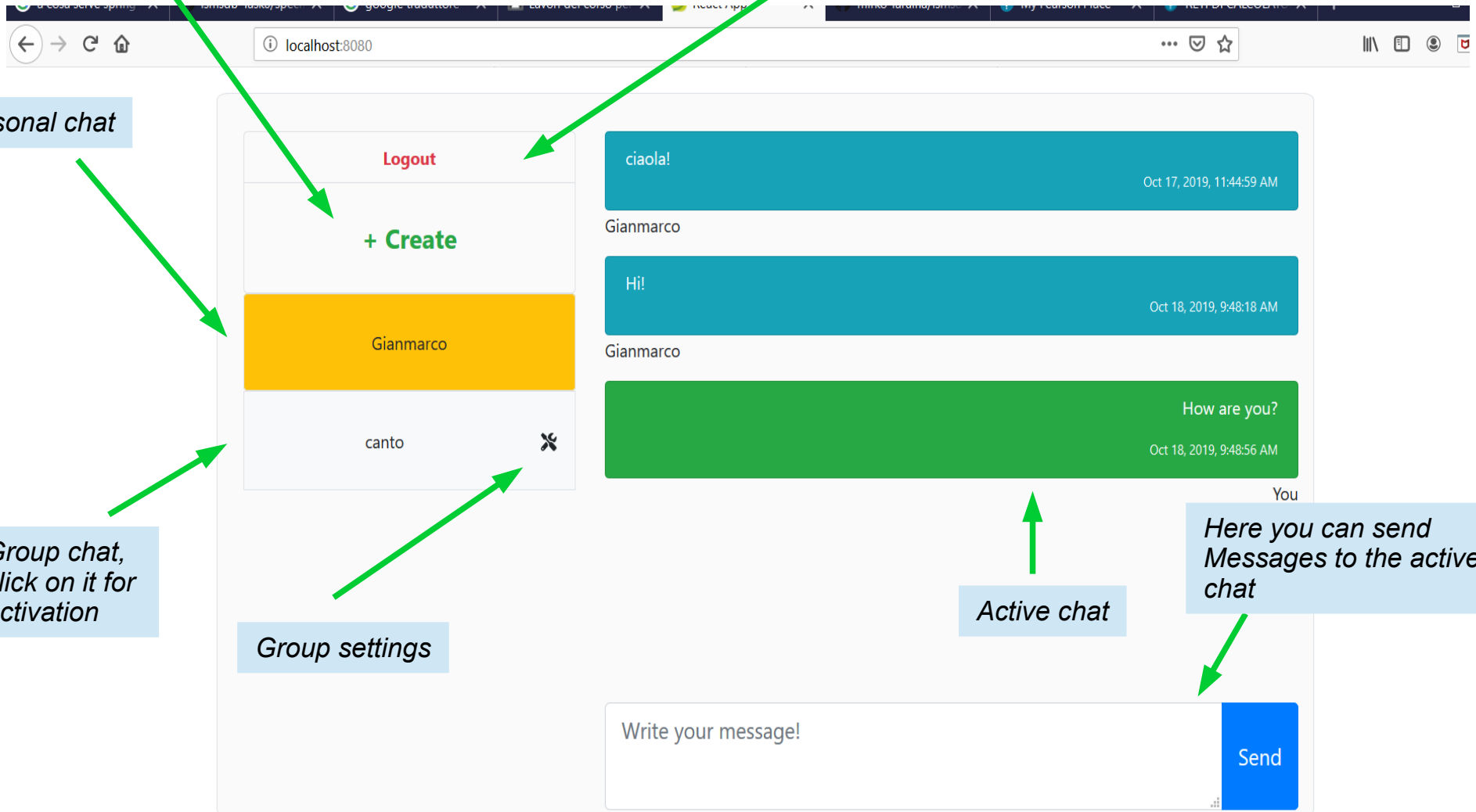
*Personal chat*

*Group chat, click on it for activation*

*Group settings*

*Active chat*

*Here you can send Messages to the active chat*



# +Create button: on click

The screenshot shows a web browser window with multiple tabs. The active tab is 'React App' at 'localhost:8080'. The application interface includes a sidebar with a 'Logout' button, a '+ Create' button, and a list of users: 'Gianmarco' and 'canto'. A modal titled 'Add chat' is open, featuring a 'Who do you want to chat to?' input field with an 'Add' button, a 'Create group' section with a 'Name of your group' input, two 'User to add' inputs, and a 'Create group' button. A red arrow points from the 'Add' button in the modal to a text box. A green arrow points from the '+ Create' button in the sidebar to the 'Create group' section of the modal. The chat interface on the right shows messages from 'Gianmarco' and 'canto'. A text box at the bottom right explains a 'User not found error'.

You can select a name for the group. Creating a new group, you will become admin of this one.

User not found error:  
If the texted user does not result in db you get an error text to video

# +Create button: on click

The screenshot shows a web browser window with multiple tabs. The active tab is 'React App' at 'localhost:8080'. The application interface includes a sidebar with a 'Logout' button, a '+ Create' button, and a list of users: 'Gianmarco' and 'canto'. A modal titled 'Add chat' is open, featuring a 'Who do you want to chat to?' input field with an 'Add' button, a 'Create group' section with a 'Name of your group' input, two 'User to add' inputs, and a 'Create group' button. A red arrow points from the 'Add' button in the modal to a text box. A green arrow points from the '+ Create' button in the sidebar to the 'Create group' section of the modal. The chat interface on the right shows a list of messages with timestamps and a 'Write your message!' input field with a 'Send' button.

**You can select a name for the group  
Creating a new group you will become admin of this one.**

**User not found error:  
If the texted user does not result in db  
you get an error text to video**

# +Create button: on click

The screenshot shows a web browser window with multiple tabs. The active tab is 'React App' at 'localhost:8080'. The application interface includes a sidebar with a 'Logout' button, a '+ Create' button, and a list of users: 'Gianmarco' and 'canto'. A modal titled 'Add chat' is open, featuring a 'Who do you want to chat to?' input field with an 'Add' button, a 'Create group' section with a 'Name of your group' input, two 'User to add' inputs, and a 'Create group' button. A red arrow points from the 'Add' button in the modal to a text box. A green arrow points from the '+ Create' button in the sidebar to the 'Create group' section of the modal. The chat interface on the right shows a message history with timestamps and a 'How are you?' message. At the bottom, there is a 'Write your message!' input field and a 'Send' button.

**You can select a name for the group  
Creating a new group you will become admin of this one.**

**User not found error:  
If the texted user does not result in db  
you get an error text to video**

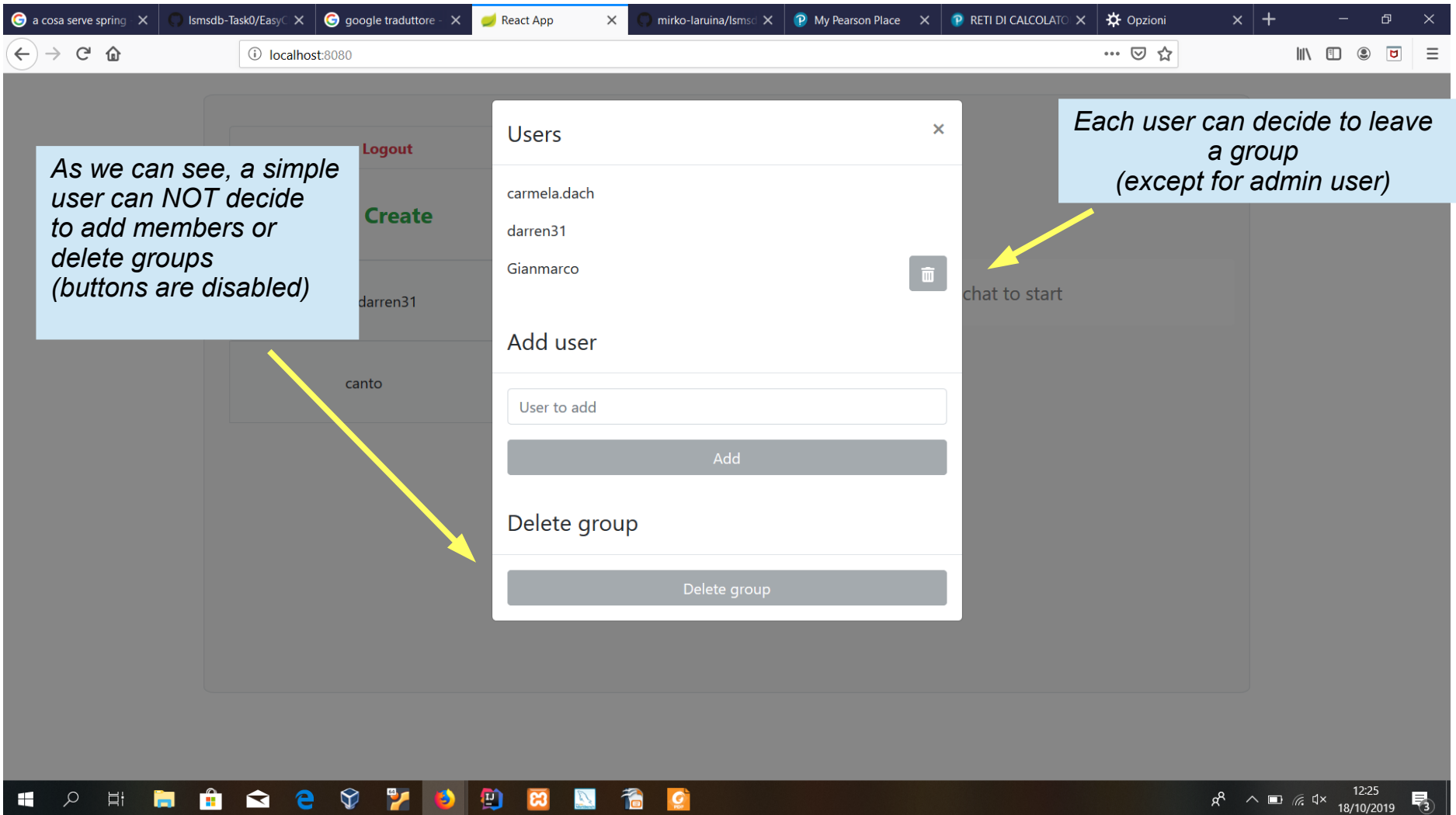
# Group setting (group admin): on click

The screenshot shows a web browser window with multiple tabs. The active tab is 'React App' at 'localhost:8080'. A modal dialog titled 'Users' is open, displaying a list of users: 'carmela.dach', 'darren31', and 'Gianmarco'. Each user has a trash icon to its right. Below the list, there is an 'Add user' section with a text input 'User to add' and a green 'Add' button. At the bottom, there is a 'Delete group' section with a red 'Delete group' button. Two blue callout boxes with yellow arrows provide additional context:

- Left Callout:** *Group cancellation, members exclusion and member addition are operations needing group admin privilege*. An arrow points from this box to the 'Delete group' button.
- Right Callout:** *An admin can't decide to leave a group, if it does, group chat is deleted*. An arrow points from this box to the trash icon next to 'Gianmarco'.

The background of the application shows a 'Logout' button and a 'Create' button. The Windows taskbar at the bottom shows the time as 12:37 on 18/10/2019.

# Group setting (simple user): on click



The screenshot shows a web browser window with multiple tabs. The active tab is 'React App' at 'localhost:8080'. A modal dialog titled 'Users' is open, displaying a list of users: carmela.dach, darren31, and Gianmarco. To the right of the list is a trash icon. Below the list are two sections: 'Add user' with a text input 'User to add' and an 'Add' button, and 'Delete group' with a 'Delete group' button. Two blue callout boxes provide context: one on the left states that simple users cannot add or delete groups (pointing to the disabled buttons), and one on the right states that users can leave a group except for the admin (pointing to the trash icon).

As we can see, a simple user can NOT decide to add members or delete groups (buttons are disabled)

Each user can decide to leave a group (except for admin user)

Logout

Create

darren31

canto

chat to start

Users

carmela.dach

darren31

Gianmarco

Add user

User to add

Add

Delete group

Delete group