

Chat test plan

CS 242 - Calvin Shippelt

Run app on localhost

- Uses port 8080, if blocked change port in app.js
- install dependencies with 'npm install' in directory with package.json
- run using 'node app' in the directory of app.js
- Open multiple browsers
- Connect to localhost:8080

Client Browser

CS242 Chat

localhost:8080

Home - CS 242: Pro... CS/ECE 438 - Home Illinois Spring 2013: ...

Chat App Beta

Enter a username and a group to connect to

username:

groupname:

Connect!

Your username:

Your current group:

Send!

Verify your connection

The screenshot shows a web browser window with the title "CS242 Chat" and the address bar displaying "localhost:8080". The browser's tab bar shows three tabs: "Home - CS 242: Pro...", "CS/ECE 438 - Home", and "Illinois Spring 2013: ...".

The main content area of the browser displays a web page titled "Chat App Beta". The page is divided into two main sections: a chat area on the left and a user information panel on the right.

Chat Area (Left):

- At the top left, it says "Welcome, Calvin!". A red arrow points to this text.
- Below the welcome message, there is a large text input field. A red arrow points to this field with the text "Enter text and hit send to send to group members!".
- At the bottom left of the chat area, there is a "Send!" button.

User Information Panel (Right):

- It has a light beige background.
- At the top, it says "username:" followed by a text input field.
- Below that, it says "groupname:" followed by a text input field.
- Below the input fields, there is a "Connect!" button.
- Below the button, it displays "Your username: Calvin".
- Below that, it displays "Your current group: Testgroup".

Annotations:

- A red arrow points from the text "This is your current username and group" to the "Your current group: Testgroup" label in the user information panel.
- Another red arrow points from the text "Connection verification" to the "Welcome, Calvin!" message in the chat area.

Test Groups

Open 4 browsers

For group name, type test in the first 2, name can be anything

Same for second 2 browsers, except group name will be testgroup2

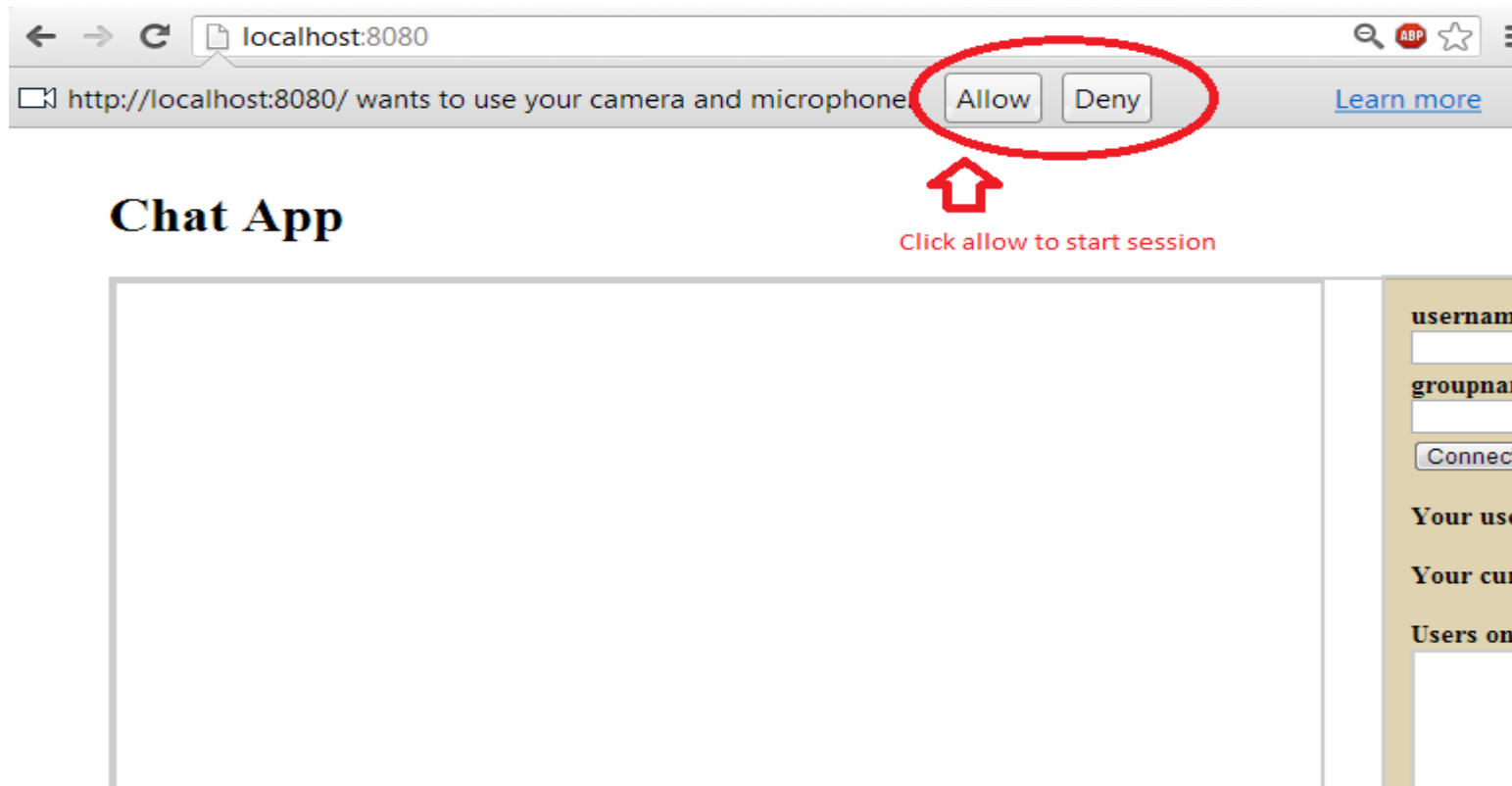
Type messages in testgroup1, verify they are only sent to testgroup1 members

Do the same with testgroup2

Video + Audio

Works on Chrome

Enter username + groupname, press connect



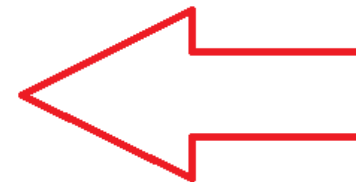
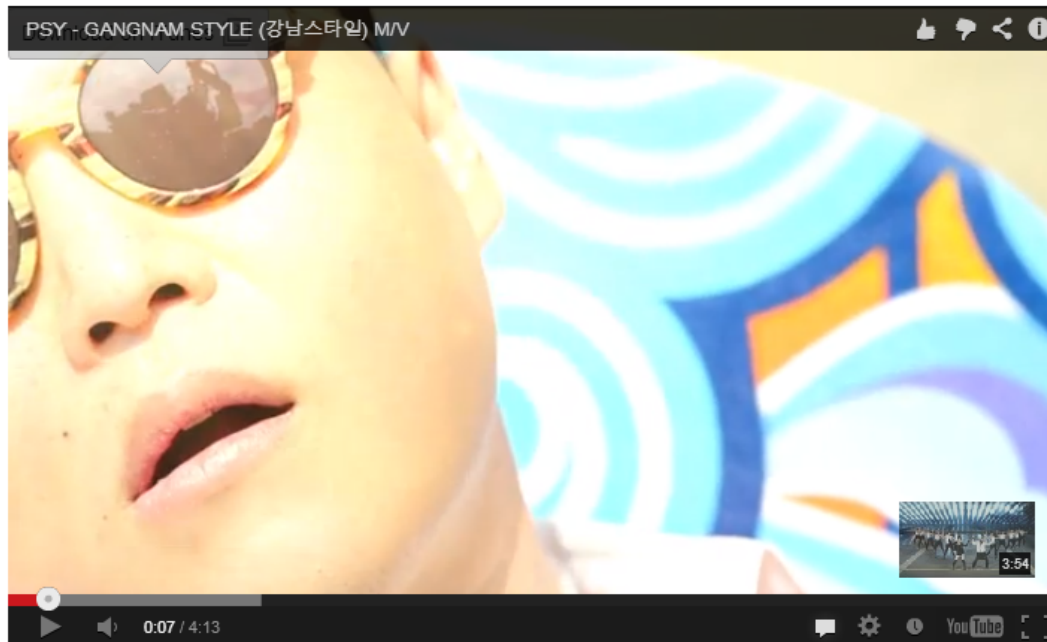
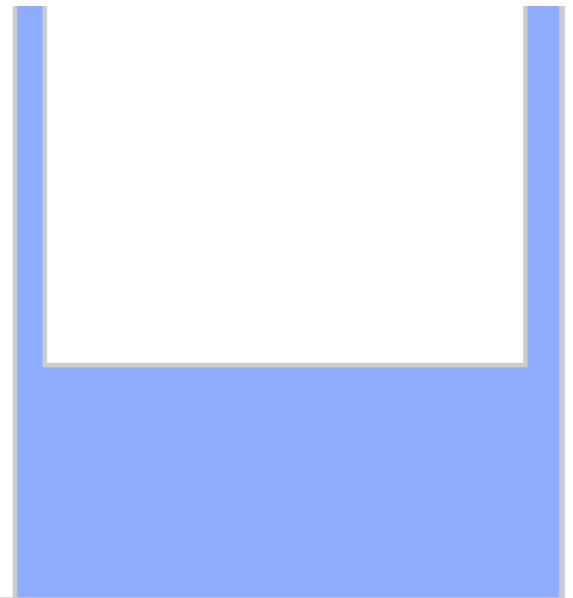
Youtube Videos

Video appears below chat

Enter URLs or ID of videos to add to playlist

When a video ends, next will begin

Send!



Videos play here

Youtube video:

Add to playlist



Add videos by URL
here