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CSC 360-01

Project 3: Implementing an Online Meeting Software

Programming Implementation: Thomas with input from Akira, Jacob, and Yash

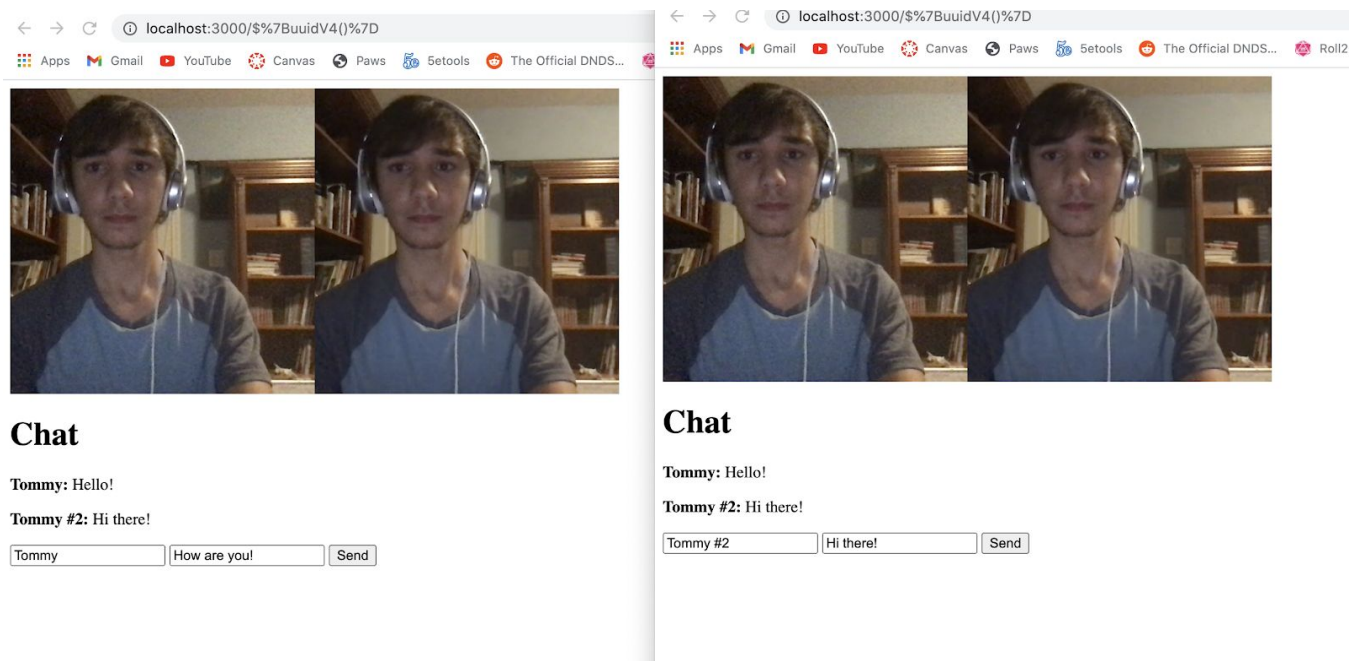
Video Implementation:

Followed along the video in the pdf and used the commands there.

Chat Implementation:

There were a few hiccups with the implementation of the chat feature. Primarily, there was a “ERR_CONN_REFUSED” error, which ended up correcting itself somewhere during debugging that we are not entirely sure about, but could have been misspelled “sockets” as “socket” when called. The second hiccup we ran into was that the page would refresh after the send button of the chat was sent. This was solved by adding in a line `e.preventDefault()` which prevents JS from refreshing the page on a successful submission. Once these two issues were fixed, the chat implementation was running smoothly.

Screenshot of application:



Screenshot of node server.js terminal:

```
[nodemon] restarting due to changes...
[nodemon] starting `node server.js`
[nodemon] restarting due to changes...
[nodemon] starting `node server.js`
[nodemon] restarting due to changes...
[nodemon] starting `node server.js`
[nodemon] restarting due to changes...
[nodemon] starting `node server.js`
[nodemon] restarting due to changes...
[nodemon] starting `node server.js`
Error: ENOENT: no such file or directory, stat '/Users/tomcamilli/Documents/TCNJ/Networking/zoom-clone/room.e
js'
Error: ENOENT: no such file or directory, stat '/Users/tomcamilli/Documents/TCNJ/Networking/zoom-clone/room.e
js'
Error: ENOENT: no such file or directory, stat '/Users/tomcamilli/Documents/TCNJ/Networking/zoom-clone/room.e
js'
█
```

Screenshot of clients disconnecting and connecting:

```
Client disconnected: cfcf5d23-0d60-443f-826b-c6511a1a93a0
Client connected: cc50e9fd-40a1-4a96-9051-00808c5ac943
Client disconnected: cc50e9fd-40a1-4a96-9051-00808c5ac943
Client connected: 99d7d2da-a7f6-465c-8730-255262d76ca4
Client disconnected: 99d7d2da-a7f6-465c-8730-255262d76ca4
Client connected: e6e657c5-3864-4dfe-bf67-d19c8dc4a570
Client disconnected: e6e657c5-3864-4dfe-bf67-d19c8dc4a570
Client connected: 285d5d83-4bd1-4ec5-814b-64e57c0d8c16
Client disconnected: 285d5d83-4bd1-4ec5-814b-64e57c0d8c16
Client connected: e41486b8-dc49-4f87-a538-9592e5ccf761
Client disconnected: e41486b8-dc49-4f87-a538-9592e5ccf761
Client connected: ee21ea4a-4272-4a67-909e-bde01b01f006
Client connected: 6c5d86f3-c3e9-4990-89b9-93df6e73be4b
Client disconnected: 6c5d86f3-c3e9-4990-89b9-93df6e73be4b
Client disconnected: ee21ea4a-4272-4a67-909e-bde01b01f006
Client connected: b278165d-821b-4508-b46c-a1821d6c0db2
Client connected: 2be4981f-6e53-4763-974f-0425e38f4892
█
```