| SuperChat: | Message Obfuscation |
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| Actors | Two clients |
| Description | Two clients in a chat room will have an agreed-upon number between 1 to 25 to obfuscate their messages. The sender will type and enter #e before writing and entering the message they wish to encrypt. The message, once sent, will go through a Caesar cipher and then be presented on the receiving client's screen. The receiver must then type and enter #d to decrypt all of the chat's messages. A second entry of #d will return the chat to its original composition. |
| Data | The modulus to obfuscate the message, the message |
| Stimulus | Receiving user enters #d to decrypt the message |
| Response | All of the text on the screen is shifted by the Caesar cipher specified by the two parties. |
| Comments | The receiving user must then type #d to shift the text back to its original composition. |