login.html

 $\begin{array}{ll} window.onload()\colon void\\ createCookie()\colon void \end{array}$

login(): void

index.html

sock: WebSocket userName: string channel: channelObj usrList: string[] channels: channelObj[] chanList: channelObj[]

sock.onopen(): void sock.onclose(): void updateTopBar(): void populateChannelList(): void

 ${\rm channelObj}():\,{\rm void}$

populateOnlineList(): void

send(): void

sock.onmessage() : void window.onload() : void getChannel() : channelObj errorHandler() : void

errorHandler(): void chanMsg(): void welcomeMsg(): string requestUsrList(): void joinChannel(): void

part() : void
invite() : void

requestChanList(): void createCookie(): void

help() : void logout() : void

printChannelMessages() : void

parseInput(): void