

Pre-Requisites:

node.js
npm

Install:

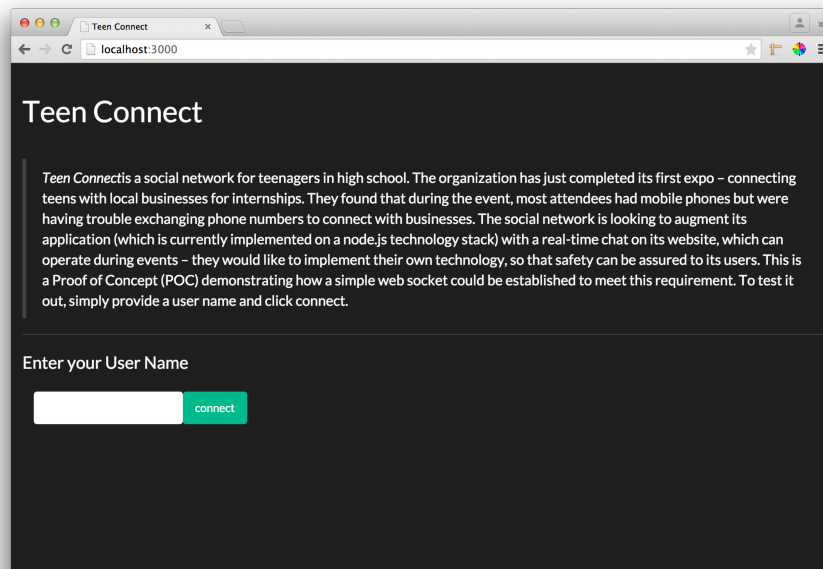
From the root directory run the command "npm install"

Startup:

From the root directory run the command "npm start"

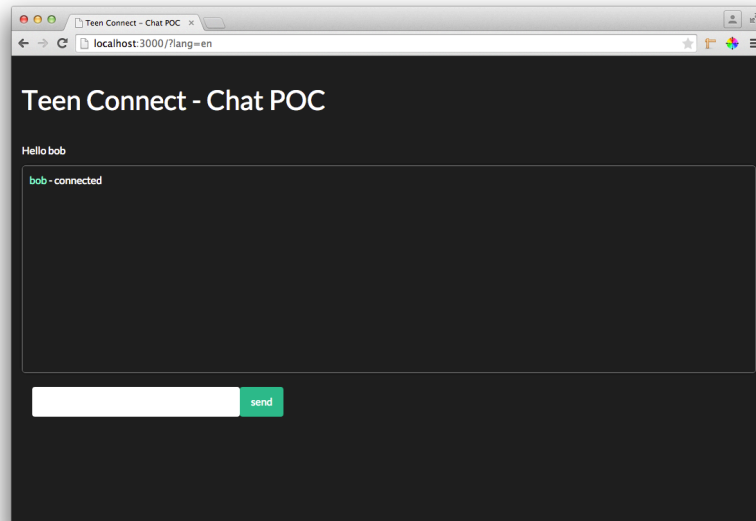
Output:

After starting the web server, use a web browser to navigate to "http://localhost:3000". This will open the index.html page (see below).



Screenshot 1 - Login Form

In the "Login form" (see above), enter the username "bob" and click "connect". This will establish a web socket and open the chat.html page (see below).

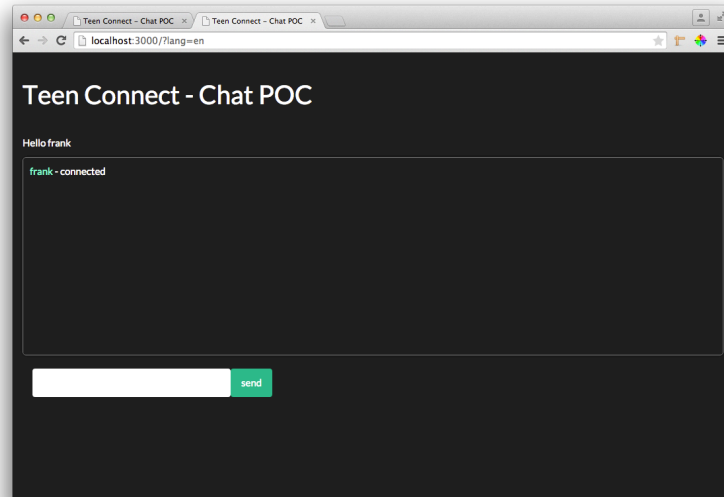


Screenshot 2 - chat.html, initial connection



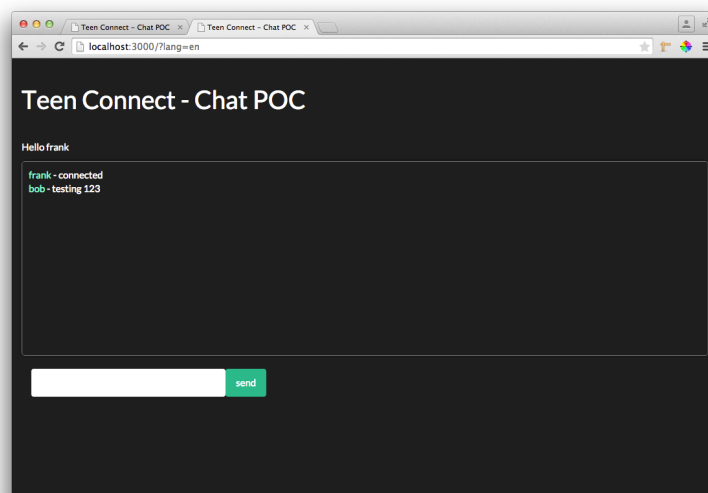
Screenshot 3 - Console output upon connect

Using a second browser (or browser tab) open a second connection to <http://localhost:3000>. This time, enter the name "Frank" and click "connect" (see screenshot below).



Screenshot 4 - chat.html, second connection

In the first instance of the chat.html page (bob connection), enter the message "testing 123" and press "send". Return to the second instance (frank instance). The message from "bob" should now be visible (see screenshot below).



Screenshot 5 - chat.html, bob sends a message to frank