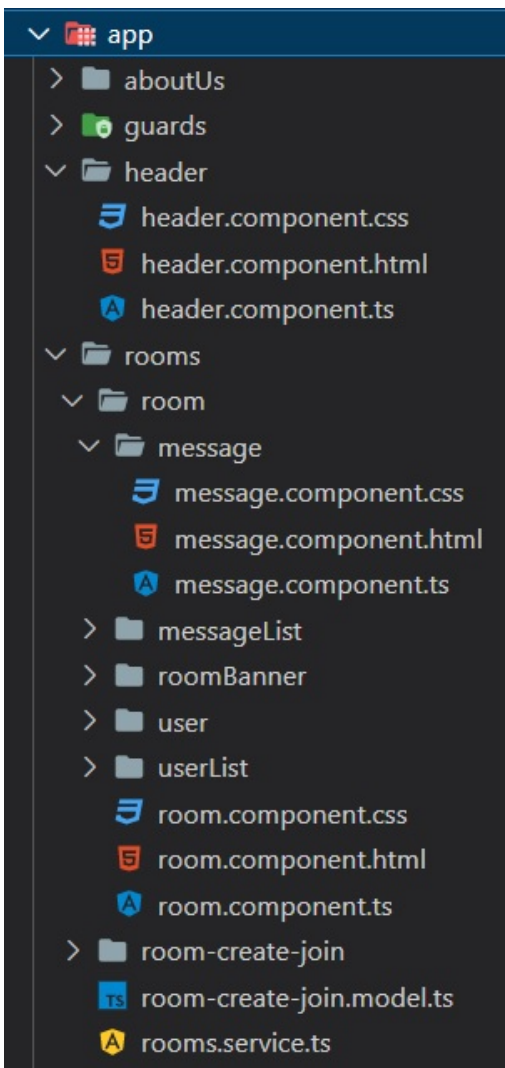**Annotation 11**

Title: Angular Componenets

Description: What is the Artifact? This artifact is a collection of screenshots of ElectronChat front end Angular components. This artifact represents the proper implementation Who created it (and collaborated)? What is the context? How did it fit into the big picture? Whats it doing in the portfolio? We language.

Reflection: Insights gained as a result? Learning as a result of doing the activity that resulted in the artifact? I language.

Artifact 11

```
app
  aboutUs
  guards
  header
    header.component.css
    header.component.html
    header.component.ts
  rooms
    room
      message
        message.component.css
        message.component.html
        message.component.ts
      messageList
      roomBanner
      user
      userList
      room.component.css
      room.component.html
      room.component.ts
    room-create-join
    room-create-join.model.ts
    rooms.service.ts
```

```typescript
1   import { Component, Input } from "@angular/core";
2
3
4   @Component({
5     selector: 'message',
6     templateUrl: './message.component.html',
7     styleUrls: ['./message.component.css']
8   })
9   export class MessageComponent {
10    /**
11     * On component imitialization
12     * grabs element with msg tag and sets the scroll height
13     */
14    ngOnInit()
15    {
16      let div = document.getElementById("msg");
17      if (div != null) {
18        div.scrollTop = div.scrollHeight;
19      }
20    }
21    /**
22     * after the view is checked
23     */
24    ngAfterViewChecked()
25    {
26      let div = document.getElementById("msg");
27      if (div != null) {
28        div.scrollTop = div.scrollHeight;
29      }
```