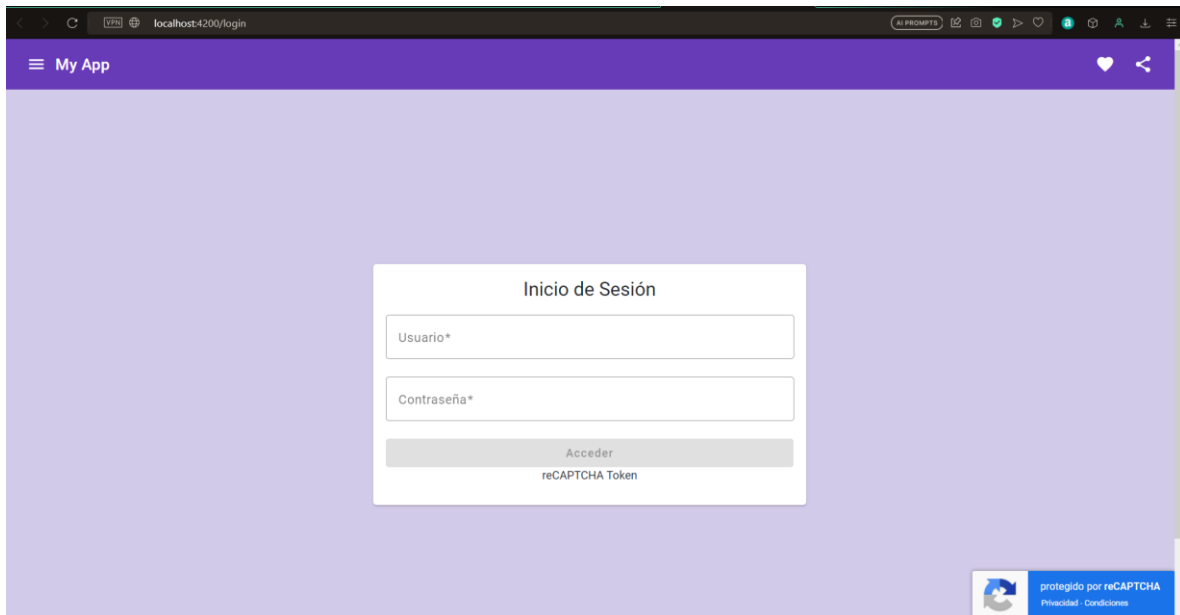
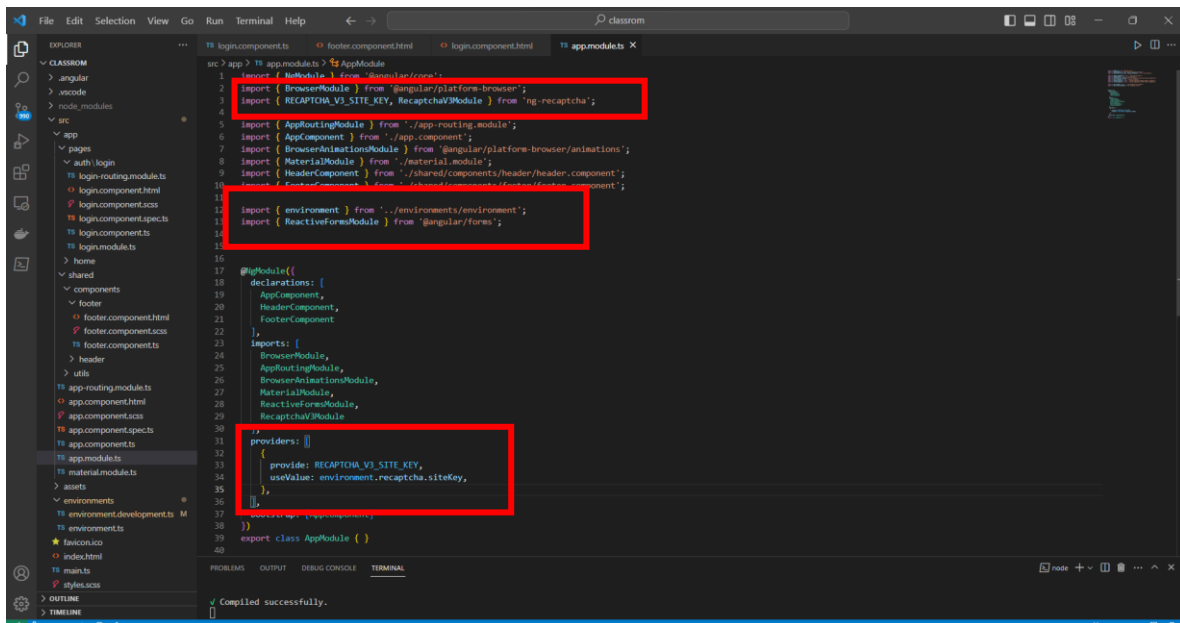


## Imagen de Login con Icono ReCaptcha



## Imagen del código donde se implementa ReCaptcha

App.module.ts



## Login.component.html

```
src > app > pages > auth > login > login.component.html > mat-grid-list.fondo > mat-grid-tile > mat-card > mat-card-content > form > div > p
Go to component
1 <mat-grid-list cols="1" rowHeight="100%" class="fondo">
2   <mat-grid-tile>
3     <mat-card [class.mat-elevation-z8]="true">
4       <mat-card-content>
5         <h1>Inicio de Sesión</h1>
6         <form [formGroup]="loginForm" (ngSubmit)="onLogin()">
7           <mat-form-field class="full-width" appearance="outline">
8             <mat-label>Usuario</mat-label>
9             <input type="text" formControlName="username" matInput/>
10            <mat-error *ngIf="baseForm.isValidField(loginForm.get('username'))">
11              {{ baseForm.getErrorMessage(loginForm.get('username')) }}
12            </mat-error>
13          </mat-form-field>
14
15          <mat-form-field class="full-width" appearance="outline">
16            <mat-label>Contraseña</mat-label>
17            <input type="password" formControlName="password" matInput autocomplete="new-password">
18            <mat-error *ngIf="baseForm.isValidField(loginForm.get('password'))">
19              {{baseForm.getErrorMessage(loginForm.get('password'))}}
20            </mat-error>
21          </mat-form-field>
22          <button type="submit" mat-raised-button color="primary" [disabled]="loginForm.invalid">Acceder</button>
23
24          <div *ngIf="tokenVisible">reCAPTCHA Token <br>
25            <p style="color: red">{{reCAPCHAToken}}</p>
26          </div>
27        </form>
28      </mat-card-content>
29    </mat-card>
30  </mat-grid-tile>
31</mat-grid-list>
```

## Login.component.ts

```
login.component.ts X login.component.html TS app.modules
src > app > pages > auth > login > TS login.component.ts > LoginComponent > onLogin > subscribe() callback
1 import { Component, OnInit } from '@angular/core';
2 import { FormBuilder, Validators } from '@angular/forms';
3 import { RouterLink } from '@angular/router';
4 import { BaseForm } from 'src/app/shared/utils/base-form';
5 import { Router } from '@angular/router';
6 import { RecaptchaV3Service } from 'ng-recaptcha';
7
8 @Component({
9   selector: 'app-login',
10   templateUrl: './login.component.html',
11   styleUrls: ['./login.component.scss']
12 })
13 export class LoginComponent implements OnInit {
14   loginForm: any;
15   tokenVisible: boolean = true;
16   reCAPCHAToken: string = "";
17
18   constructor(private fb : FormBuilder, public baseForm: BaseForm, public router: Router,
19     private recaptchaV3Service: RecaptchaV3Service
20   ) {}
21
22   ngOnInit(): void {
23     this.loginForm = this.fb.group({
24       username: ['', [Validators.required]],
25       password: ['', [Validators.required, Validators.minLength(3)]]
26     });
27   }
28
29   onLogin() {
30     this.recaptchaV3Service.execute('importantAction').subscribe((token: string) => {
31       this.tokenVisible = true;
32       this.reCAPCHAToken = `Token ${token} generated`;
33     });
34     //this.router.navigate(['/home']);
35   }
36 }
37
38
39
```

## Environment.ts

```
TS login.component.ts TS environment.ts X login.component.html TS app.module.ts
src > environments > TS environment.ts >
1 export const environment = {
2   production: false,
3   recaptcha:{
4     siteKey: '6LetkYQmAAAAALwFQ8U2tuo8mCm0wFGH0vuW56se',
5   },
6 };
7
```

## Imagen de token en pantalla login

