

U3 prac02_Recaptcha

Implementación del Captcha

```
src > environments > ts environment.ts

1  // This file can be replaced during build by using the `fileReplacements` array.
2  // `ng build` replaces `environment.ts` with `environment.prod.ts`.
3  // The list of file replacements can be found in `angular.json`.
4
5  export const environment = {
6    production: false,
7    recaptcha:{
8      siteKey: '6LfveIQmAAAAEtU3UjN1nTHr5gkjXhVB8spovBk',
9    },
10 };
11
12 /*
13  * For more details on this file see the Angular documentation at
14  * https://angular.io/api/core/environment
15  */
16 */

@Component({
  selector: 'app-login',
  templateUrl: './login.component.html',
  styleUrls: ['./login.component.scss']
})
export class LoginComponent implements OnInit {

  loginForm: any;
  tokenVisible: boolean = true;
  reCAPCHAToken: string = "";

  //LoginForm = this.fb.group({
  //  username: ['', [Validators.required]],
  //  password: ['', [Validators.required,Validators.minLength(3)]],
  // });

  constructor(private fb: UntypedFormBuilder, public baseForm: BaseForm, private router: Router, private reCaptchaV3Service: ReCaptchaV3Service) { }

  ngOnInit(): void {
    this.loginForm = this.fb.group({
      username: ['', [Validators.required]],
      password: ['', [Validators.required,Validators.minLength(3)]],
    });
  }

  onLogin(){
    this.reCaptchaV3Service.execute('importantAction').subscribe((token: string)=> {
      this.tokenVisible = true;
      this.reCAPCHAToken = `Token [${token}] generated`;
    });
  }
}
```

```
<mat-grid-list cols="1" rowHeight="100%" class="fondo">
  <mat-grid-tile>
    <mat-card [class.mat-elevation-z8]="true">
      <mat-card-content>
        <h1>Inicio de Sesión</h1>
        <form [formGroup]="loginForm" (ngSubmit)="onLogin()">
          <mat-form-field class="full-width" appearance="outline">
            <mat-label>Usuario</mat-label>
            <input matInput type="text" formControlName="username">
            <mat-error *ngIf="baseForm.isValidField(loginForm.controls['username'])">
              {{ baseForm.getErrorMessage(loginForm.get('username'))}}
            </mat-error>
          </mat-form-field>
          <mat-form-field class="full-width" appearance="outline">
            <mat-label>Contraseña</mat-label>
            <input matInput type="text" formControlName="password">
            <mat-error *ngIf="baseForm.isValidField(loginForm.controls['password'])">
              {{baseForm.getErrorMessage(loginForm.get('password'))}}
            </mat-error>
          </mat-form-field>

          <button type="submit" mat-raised-button color="primary" [disabled]="loginForm.invalid">Acceder</button>
          <div *ngIf= "tokenVisible">reCAPTCHA Token <br />
            <p style="color: red">{{reCAPCHAToken}}</p>
          </div>
        </form>
      </mat-card-content>
    </mat-card>
  </mat-grid-tile>
</mat-grid-list>
```

Aplicativo:



