



# DESARROLLO DE SOFTWARE FRONTEND II

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## 2.4 Practica MaterialUI Busqueda Pokemon

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## app.module.ts

```
import { ReactiveFormsModule } from '@angular/forms';

import { BrowserAnimationsModule } from '@angular/platform-browser/animations';
import { MatIconModule } from '@angular/material/icon';
import { MatSelectModule } from '@angular/material/select';
import { MatInputModule } from '@angular/material/input';
import { MatFormFieldModule } from '@angular/material/form-field';
import { MatButtonModule } from '@angular/material/button';
import { MatCardModule } from '@angular/material/card';
```

```
],
imports: [
  BrowserModule,
  AppRoutingModule,
  HttpClientModule,
  MatSelectModule,
  MatInputModule,
  MatFormFieldModule,
  MatIconModule,
  MatButtonModule,
  ReactiveFormsModule,
  BrowserAnimationsModule,
  MatCardModule
],
```

## test-api.service.ts

```
src > app > service > TS test-api.service.ts > TestApiService > consultapokemon
1  import { Injectable } from '@angular/core';
2  import { HttpClient } from '@angular/common/http';
3  import { Observable } from 'rxjs';
4
5  @Injectable({
6    providedIn: 'root'
7  })
8  export class TestApiService {
9    private urlApi = 'https://pokeapi.co/api/v2/pokemon/';
10   constructor(private http:HttpClient) { }
11
12   public consultapokemon(pokemon: string):Observable<any>{
13   |
14   return this.http.get<any>(this.urlApi+pokemon);
15   }
16
17 }
18
```

## home.component.ts

```
TS test-api.service.ts U    TS app.module.ts M    TS home.component.ts U X    <> home.component.html U    #
src > app > home > TS home.component.ts > HomeComponent
1  import { Component, OnInit } from '@angular/core';
2  import { TestApiService } from '../service/test-api.service';
3  import { FormGroup, FormControl } from '@angular/forms';
4
5  @Component({
6    selector: 'app-home',
7    standalone: false,
8
9    templateUrl: './home.component.html',
10   styleUrls: ['./home.component.css']
11 })
12 export class HomeComponent implements OnInit {
13
14   myForm: FormGroup = new FormGroup({});
15   name: string = '';
16   showImage: boolean = false;
17   data: any = {};
18
19   constructor(private TestApiService:TestApiService){
20     this.myForm = new FormGroup({
21       name: new FormControl(''),
22     });
23   }
24
```

```

onSubmit(){
  const formValue = this.myForm.value;
  this.name= formValue.name;
  this.consultPokemon(this.name);
  this.myForm.reset();
}

consultPokemon(pokemon:string){
  this.TestApiService.consultapokemon(pokemon).subscribe({
    next: this.handleSuccessMethod.bind(this),
    error:this.handleErrorMethod.bind(this),
  })
}

handleSuccessMethod(data:any){
  this.showImage = true;
  this.data = data;
}

handleErrorMethod(){
  this.showImage = false;
  this.data.name = "Pokemon no encontrado"
}

```

## home.component.html

```

src > app > home > home.component.html > div.content > div > mat-card.example-card > mat-card-content > h3
Go to component
1 <div class="content">
2   <form [formGroup]="myForm" (ngSubmit)="onSubmit()">
3     <mat-form-field appearance="outline" class="fieldTest">
4       <mat-label>Ingresa un pokemón</mat-label>
5       <input matInput placeholder="pokemon" formControlName="name"
6         type="text">
7     </mat-form-field>
8   </form>
9   <div *ngIf="!showImage">
10     <h2>{{data.name}}</h2>
11   </div>
12   <div *ngIf="showImage">
13     <mat-card class="example-card">
14       <mat-card-header>
15         <mat-card-title>{{data.name}}</mat-card-title>
16         <mat-card-subtitle>{{data.types[0].type.url}}</mat-card-subtitle>
17       </mat-card-header>
18       
20       <br/>
21       <mat-card-content>
22         <h3>abilities:</h3>
23         <ul>
24           <li *ngFor="let product of data.abilities">{{
25             product.ability.name }}</li>
26         </ul>
27       </mat-card-content>
28     </mat-card>
29   </div>
30 </div>

```

localhost (Pokedex)

Ingresa un pokemón

Ingresa un pokemón

pokemon

jynx

<https://pokeapi.co/api/v2/type/15/>



### abilities:

- oblivious
- forewarn
- dry-skin