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Welcome to the Johto Region

The Johto Region is a beautiful land filled with rich culture, history, and, of course, amazing Pokémons. It's home to some of the most talented trainers, exciting adventures, and legendary Pokémons that have captivated trainers from all over the world.

As a new trainer, you'll embark on a journey through vibrant cities and rugged terrain, each with its own unique charm. But, the most exciting part of your journey will be challenging the Gym Leaders, each with their own Pokémon specialties. Are you ready to collect all the Johto Gym Badges and prove your worth as the ultimate Pokémon Champion?

Explore the Gym Leaders

Each Gym Leader is an expert in a specific type of Pokémon, and they are waiting for you to challenge them. From the Flying-type expert Falkner to the Dragon-type master Clair, these

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Your Journey Begins Now!

So, grab your Poké Balls, call your first Pokémon, and let's get started. The Johto Region awaits, full of thrilling challenges, hidden treasures, and unforgettable encounters.

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Pokemon Trainer Registration Form

Name:

Age:

Address:

Favorite Pokemon:

Pokemon Trainer Real-Time Values:

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Pokemon Trainer Real-Time Values:

Name:

Age:

Address:

Favorite Pokemon:

Pokemon Trainer List:

Name: Maku
Age: 19
Address: Baguio City
Favorite Pokemon: Pichu

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Whitney – Goldenrod City

Specialty: Normal

Gym Badge: Plain Badge

Her Miltank's Rollout attack is feared by many trainers!



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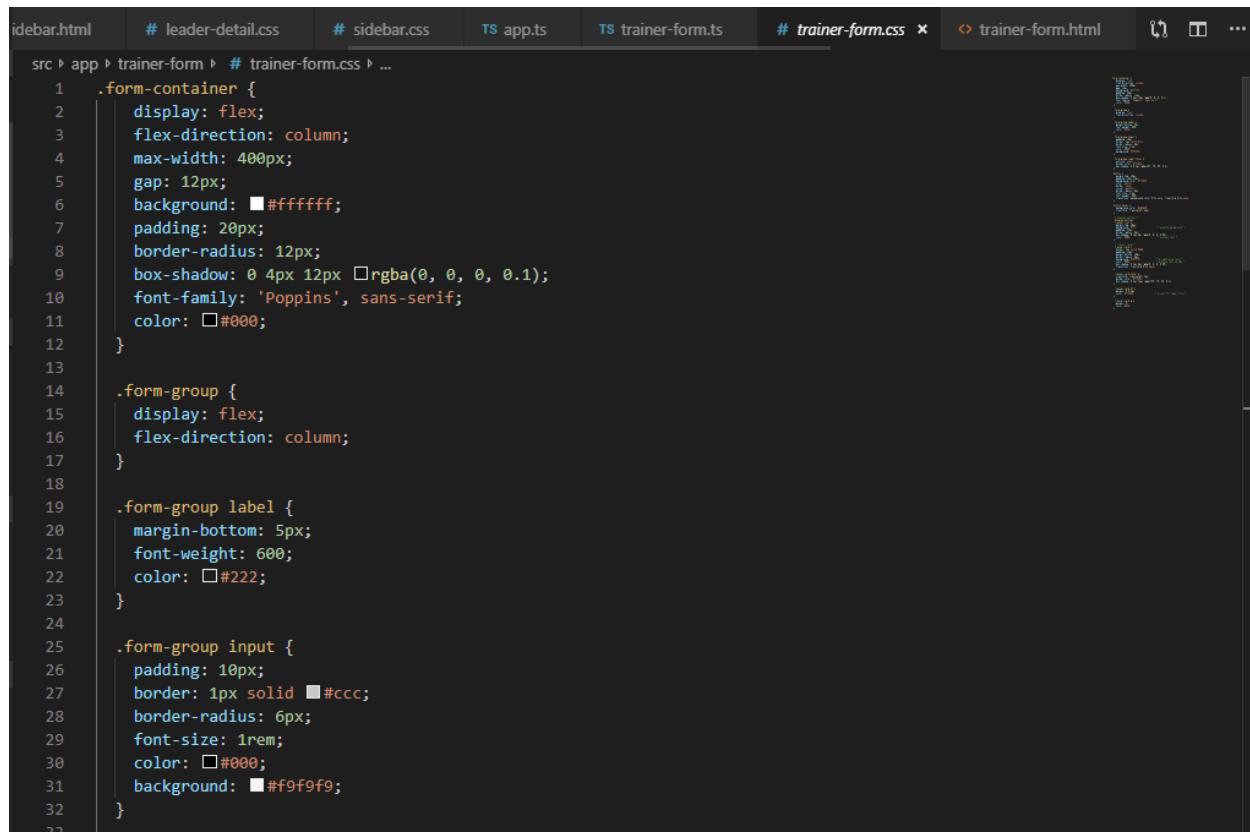
```
34
35 <h2>Pokemon Trainer List:</h2>
36 <div class="trainer-list">
37   @for (trainer of trainerList; track $index;) {
38     <div class="trainer-card">
39       <p><strong>Name:</strong> {{ trainer.name }}</p>
40       <p><strong>Age:</strong> {{ trainer.age }}</p>
41       <p><strong>Address:</strong> {{ trainer.address }}</p>
42       <p><strong>Favorite Pokemon:</strong> {{ trainer.favoritePokemon }}</p>
43     </div>
44   }
45 </div>
46
```

```
src ‣ app ‣ trainer-form ‣ TS trainer-form.ts ‣ TrainerForm ‣ formGroup
  2 import { Component } from '@angular/core';
  3 import { FormControl, FormGroup, ReactiveFormsModule } from '@angular/forms';
  4
  5 type Trainer = {
  6   name: string;
  7   age: string;
  8   address: string;
  9   favoritePokemon: string;
 10 };
 11
 12 @Component({
 13   selector: 'app-trainer-form',
 14   standalone: true,
 15   imports: [ReactiveFormsModule],
 16   templateUrl: './trainer-form.html',
 17   styleUrls: ['./trainer-form.css']
 18 })
 19 export class TrainerForm {
 20   trainerList: Trainer[] = [];
 21
 22   formGroup = new FormGroup({
 23     name: new FormControl('', { nonNullable: true }),
 24     age: new FormControl('', { nonNullable: true }),
 25     address: new FormControl('', { nonNullable: true }),
 26     favoritePokemon: new FormControl('', { nonNullable: true })
 27   });
 28
 29   onSubmit(): void {
 30     const trainer = this.formGroup.getRawValue();
 31     this.trainerList.push(trainer);
 32     this.formGroup.reset();
 33   }
 34 }
```

APPDEV1 - Introduction to Application Development

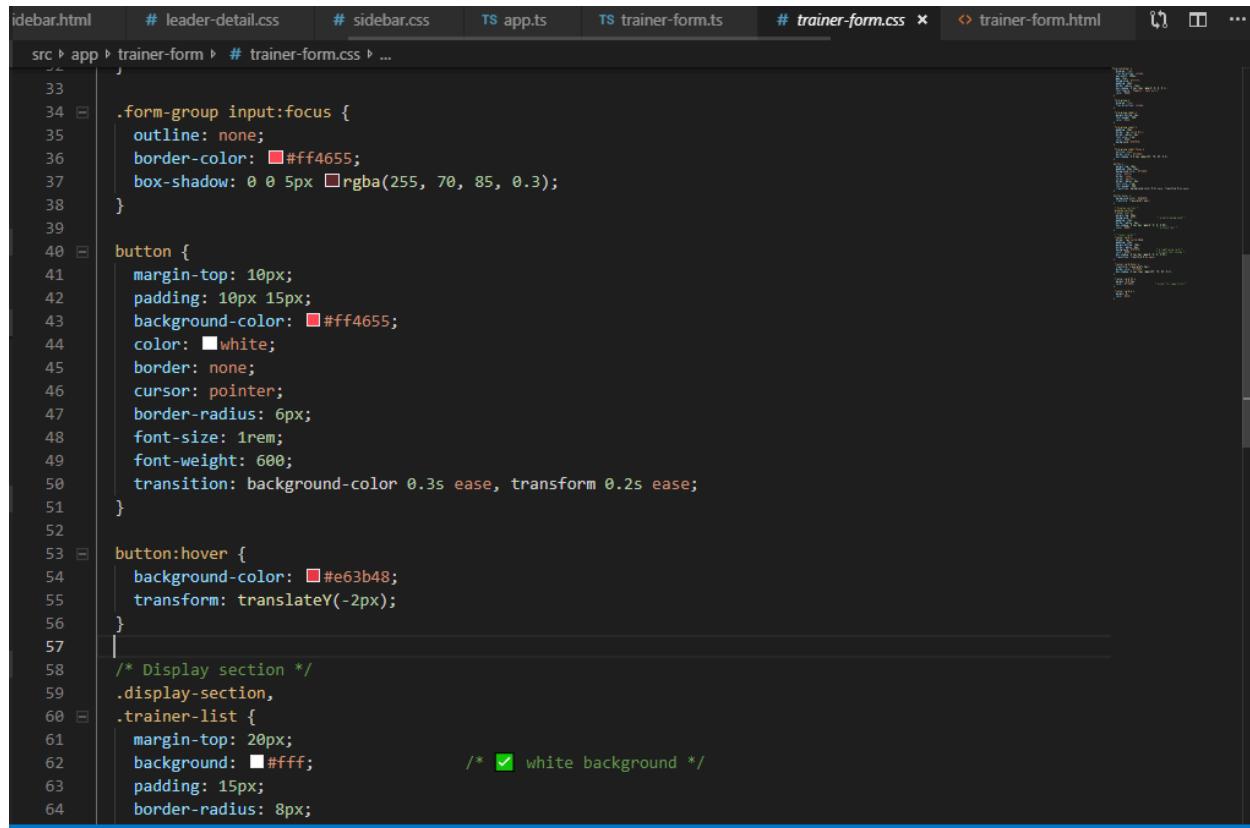
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idebar.html # leader-detail.css # sidebar.css TS app.ts TS trainer-form.ts # **trainer-form.css** × > trainer-form.html ⌂ ⌂ ...

```
src > app > trainer-form > # trainer-form.css > ...
1 .form-container {
2   display: flex;
3   flex-direction: column;
4   max-width: 400px;
5   gap: 12px;
6   background: #ffffff;
7   padding: 20px;
8   border-radius: 12px;
9   box-shadow: 0 4px 12px rgba(0, 0, 0, 0.1);
10  font-family: 'Poppins', sans-serif;
11  color: #000;
12 }
13
14 .form-group {
15   display: flex;
16   flex-direction: column;
17 }
18
19 .form-group label {
20   margin-bottom: 5px;
21   font-weight: 600;
22   color: #222;
23 }
24
25 .form-group input {
26   padding: 10px;
27   border: 1px solid #ccc;
28   border-radius: 6px;
29   font-size: 1rem;
30   color: #000;
31   background: #f9f9f9;
32 }
```



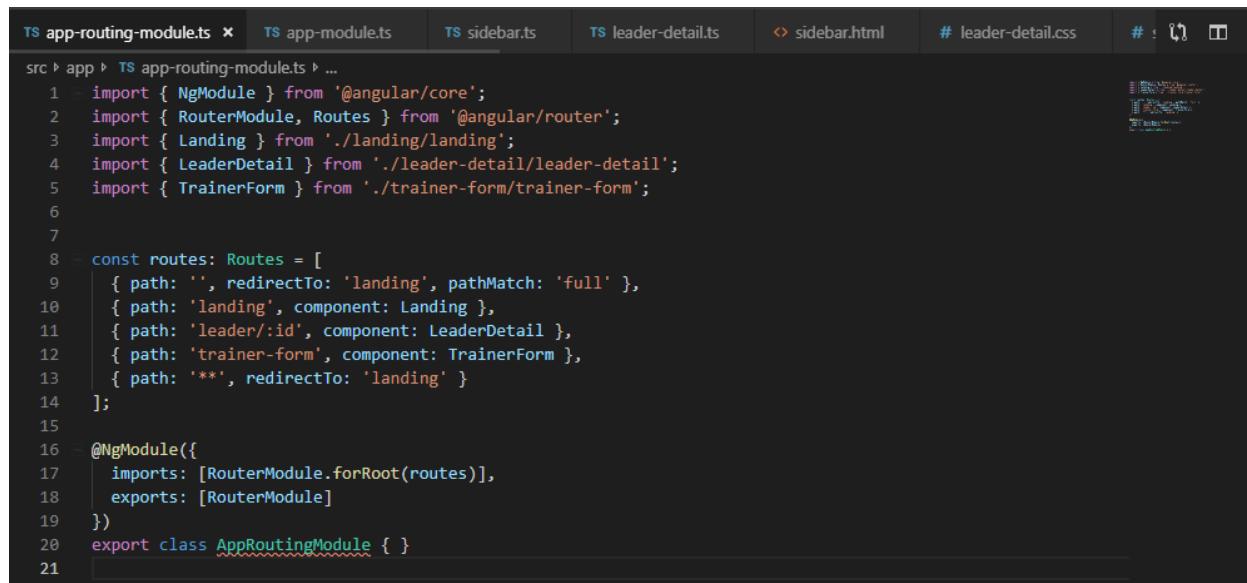
idebar.html # leader-detail.css # sidebar.css TS app.ts TS trainer-form.ts # **trainer-form.css** × > trainer-form.html ⌂ ⌂ ...

```
src > app > trainer-form > # trainer-form.css > ...
33
34 .form-group input:focus {
35   outline: none;
36   border-color: #ff4655;
37   box-shadow: 0 0 5px rgba(255, 70, 85, 0.3);
38 }
39
40 button {
41   margin-top: 10px;
42   padding: 10px 15px;
43   background-color: #ff4655;
44   color: white;
45   border: none;
46   cursor: pointer;
47   border-radius: 6px;
48   font-size: 1rem;
49   font-weight: 600;
50   transition: background-color 0.3s ease, transform 0.2s ease;
51 }
52
53 button:hover {
54   background-color: #e63b48;
55   transform: translateY(-2px);
56 }
57
58 /* Display section */
59 .display-section,
60 .trainer-list {
61   margin-top: 20px;
62   background: #fff; /* ✓ white background */
63   padding: 15px;
64   border-radius: 8px;
```

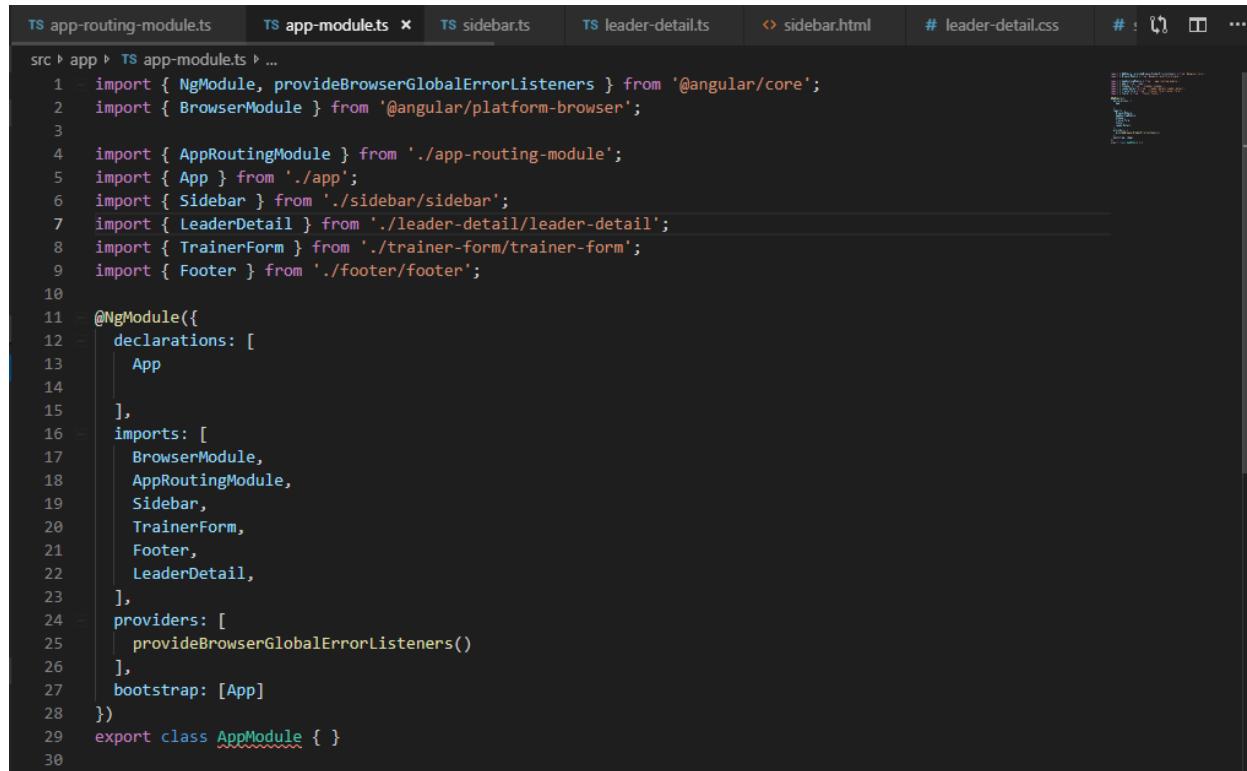
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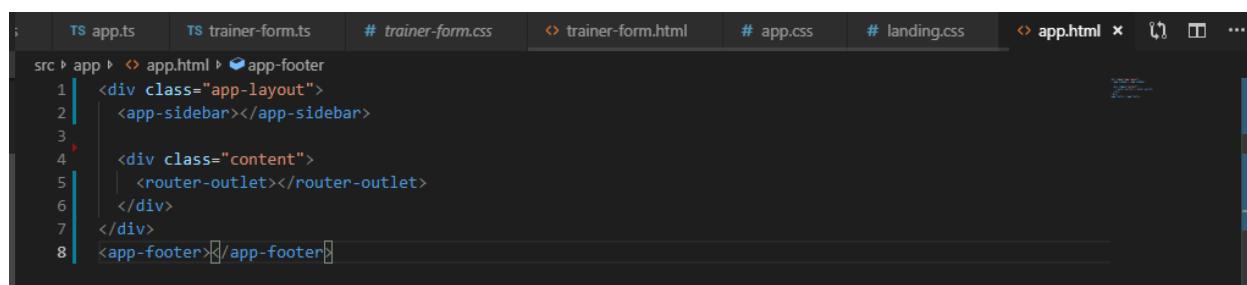
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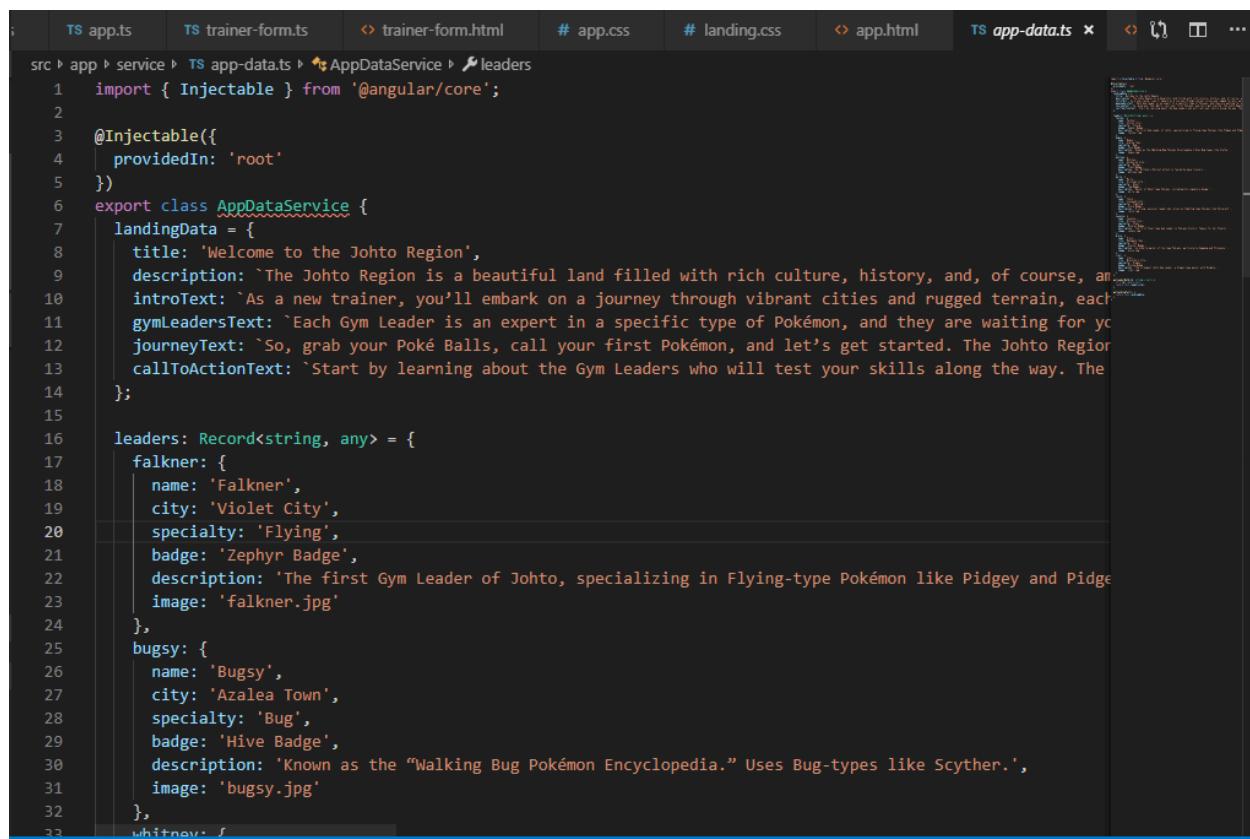
```
src > app > TS app-routing-module.ts < TS app.module.ts | TS sidebar.ts | TS leader-detail.ts | <> sidebar.html | # leader-detail.css | # : ⌂ ⌂ ⌂ ...  
1 - import { NgModule } from '@angular/core';  
2 - import { RouterModule, Routes } from '@angular/router';  
3 - import { Landing } from './landing/landing';  
4 - import { LeaderDetail } from './leader-detail/leader-detail';  
5 - import { TrainerForm } from './trainer-form/trainer-form';  
6 -  
7 -  
8 - const routes: Routes = [  
9 -   { path: '', redirectTo: 'landing', pathMatch: 'full' },  
10 -  { path: 'landing', component: Landing },  
11 -  { path: 'leader/:id', component: LeaderDetail },  
12 -  { path: 'trainer-form', component: TrainerForm },  
13 -  { path: '**', redirectTo: 'landing' }  
14 -];  
15 -  
16 - @NgModule({  
17 -   imports: [RouterModule.forRoot(routes)],  
18 -   exports: [RouterModule]  
19 -})  
20 - export class AppRoutingModule { }
```



```
src > app > TS app.module.ts < TS app-routing-module.ts | TS sidebar.ts | TS leader-detail.ts | <> sidebar.html | # leader-detail.css | # : ⌂ ⌂ ⌂ ...  
1 - import { NgModule, provideBrowserGlobalErrorListeners } from '@angular/core';  
2 - import { BrowserModule } from '@angular/platform-browser';  
3 -  
4 - import { AppRoutingModule } from './app-routing-module';  
5 - import { App } from './app';  
6 - import { Sidebar } from './sidebar/sidebar';  
7 - import { LeaderDetail } from './leader-detail/leader-detail';  
8 - import { TrainerForm } from './trainer-form/trainer-form';  
9 - import { Footer } from './footer/footer';  
10 -  
11 - @NgModule({  
12 -   declarations: [  
13 -     App  
14 -   ],  
15 -   imports: [  
16 -     BrowserModule,  
17 -     AppRoutingModule,  
18 -     Sidebar,  
19 -     TrainerForm,  
20 -     Footer,  
21 -     LeaderDetail,  
22 -   ],  
23 -   providers: [  
24 -     provideBrowserGlobalErrorListeners()  
25 -   ],  
26 -   bootstrap: [App]  
27 - })  
28 - export class AppModule { }
```



```
src > app > <> app.html > app-footer  
1 - <div class="app-layout">  
2 -   <app-sidebar></app-sidebar>  
3 -  
4 -   <div class="content">  
5 -     <router-outlet></router-outlet>  
6 -   </div>  
7 - </div>  
8 - <app-footer></app-footer>
```



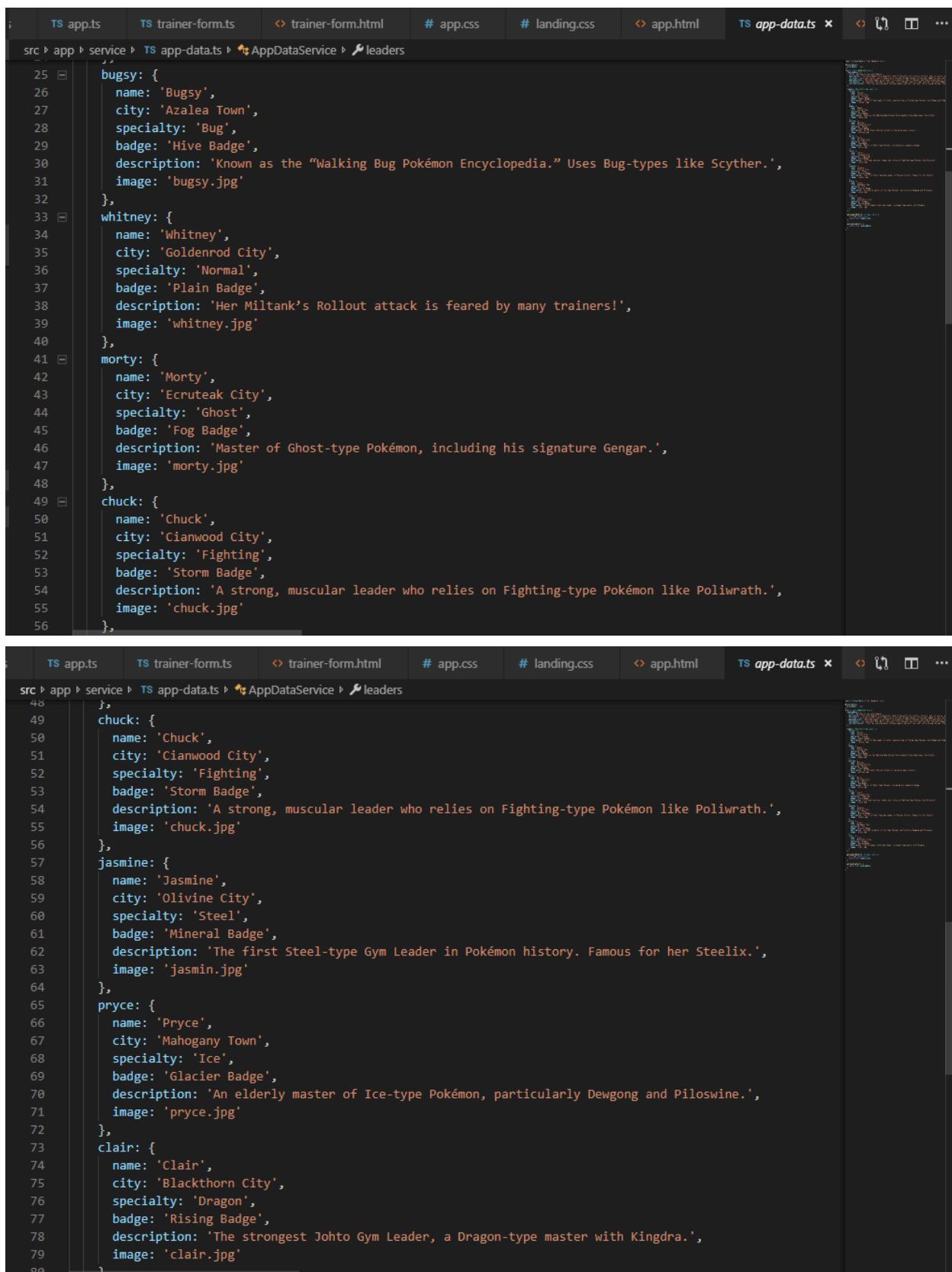
The screenshot shows a code editor interface with a dark theme. The active tab is 'app-data.ts'. The code is a TypeScript class named 'AppDataService' which injects 'Injectable' from '@angular/core'. It contains a 'landingData' object with various strings and descriptions related to the Johto Region. It also defines a 'leaders' record type containing objects for 'falkner', 'bugsy', and 'whitney'. The 'falkner' object has properties like name, city, specialty, badge, description, and image. The 'bugsy' object has similar properties. The 'whitney' object is partially visible at the bottom.

```
src > app > service > app-data.ts > AppDataService > leaders
1 import { Injectable } from '@angular/core';
2
3 @Injectable({
4   providedIn: 'root'
5 })
6 export class AppDataService {
7   landingData = {
8     title: 'Welcome to the Johto Region',
9     description: `The Johto Region is a beautiful land filled with rich culture, history, and, of course, an
10    introText: `As a new trainer, you'll embark on a journey through vibrant cities and rugged terrain, each
11    gymLeadersText: `Each Gym Leader is an expert in a specific type of Pokémon, and they are waiting for yo
12    journeyText: `So, grab your Poké Balls, call your first Pokémon, and let's get started. The Johto Region
13    callToActionText: `Start by learning about the Gym Leaders who will test your skills along the way. The
14  };
15
16 leaders: Record<string, any> = {
17   falkner: {
18     name: 'Falkner',
19     city: 'Violet City',
20     specialty: 'Flying',
21     badge: 'Zephyr Badge',
22     description: 'The first Gym Leader of Johto, specializing in Flying-type Pokémon like Pidgey and Pidge
23     image: 'falkner.jpg'
24   },
25   bugsy: {
26     name: 'Bugsy',
27     city: 'Azalea Town',
28     specialty: 'Bug',
29     badge: 'Hive Badge',
30     description: 'Known as the "Walking Bug Pokémon Encyclopedia." Uses Bug-types like Scyther.',
31     image: 'bugsy.jpg'
32   },
33   whitney: {
34     name: 'Whitney',
35     city: 'Cinnabar Island',
36     specialty: 'Water',
37     badge: 'Mystic Badge',
38     description: 'A Gym Leader who loves water-based Pokémon like Squirtle and Lapras. She is known for her
39     image: 'whitney.jpg'
40   }
41 }
```

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The image shows two side-by-side screenshots of a code editor interface, likely Visual Studio Code, displaying TypeScript code for a service. Both screenshots show the same file, `app-data.ts`, at different stages of development. The code defines a class `AppDataService` with a static property `leaders` containing several gym leaders, each with their name, city, specialty, badge, description, and image path.

Screenshot 1 (Left):

```
src > app > service > TS app-data.ts > AppDataService > leaders
25   bugsy: {
26     name: 'Bugsy',
27     city: 'Azalea Town',
28     specialty: 'Bug',
29     badge: 'Hive Badge',
30     description: 'Known as the "Walking Bug Pok  mon Encyclopedia." Uses Bug-types like Scyther.',
31     image: 'bugsy.jpg'
32   },
33   whitney: {
34     name: 'Whitney',
35     city: 'Goldenrod City',
36     specialty: 'Normal',
37     badge: 'Plain Badge',
38     description: 'Her Miltank's Rollout attack is feared by many trainers!',
39     image: 'whitney.jpg'
40   },
41   morty: {
42     name: 'Morty',
43     city: 'Ecruteak City',
44     specialty: 'Ghost',
45     badge: 'Fog Badge',
46     description: 'Master of Ghost-type Pok  mon, including his signature Gengar.',
47     image: 'morty.jpg'
48   },
49   chuck: {
50     name: 'Chuck',
51     city: 'Cianwood City',
52     specialty: 'Fighting',
53     badge: 'Storm Badge',
54     description: 'A strong, muscular leader who relies on Fighting-type Pok  mon like Poliwrath.',
55     image: 'chuck.jpg'
56 },
```

Screenshot 2 (Right):

```
src > app > service > TS app-data.ts > AppDataService > leaders
48   },
49   chuck: {
50     name: 'Chuck',
51     city: 'Cianwood City',
52     specialty: 'Fighting',
53     badge: 'Storm Badge',
54     description: 'A strong, muscular leader who relies on Fighting-type Pok  mon like Poliwrath.',
55     image: 'chuck.jpg'
56   },
57   jasmine: {
58     name: 'Jasmine',
59     city: 'Olivine City',
60     specialty: 'Steel',
61     badge: 'Mineral Badge',
62     description: 'The first Steel-type Gym Leader in Pok  mon history. Famous for her Steelix.',
63     image: 'jasmin.jpg'
64   },
65   pryce: {
66     name: 'Pryce',
67     city: 'Mahogany Town',
68     specialty: 'Ice',
69     badge: 'Glacier Badge',
70     description: 'An elderly master of Ice-type Pok  mon, particularly Dewgong and Piloswine.',
71     image: 'pryce.jpg'
72   },
73   clair: {
74     name: 'Clair',
75     city: 'Blackthorn City',
76     specialty: 'Dragon',
77     badge: 'Rising Badge',
78     description: 'The strongest Johto Gym Leader, a Dragon-type master with Kingdra.',
79     image: 'clair.jpg'
80 }
```