

## index.html

```
<!doctype html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>Homes</title>
  <base href="/">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="icon" type="image/x-icon" href="favicon.ico">
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link
href="https://fonts.googleapis.com/css2?family=Be+Vietnam+Pro:ital,wght@0,400;0,700;1,400;1,700&display=swap" rel="stylesheet">
</head>
<body>
  <app-root></app-root>
</body>
</html>
```

## Main.ts

```
/*
 * Protractor support is deprecated in Angular.
 * Protractor is used in this example for compatibility with Angular documentation tools.
 */
import { bootstrapApplication, provideProtractorTestingSupport } from '@angular/platform-browser';
import { AppComponent } from './app/app.component';
import { provideRouter } from '@angular/router';
import routeConfig from './app/routes';

bootstrapApplication(AppComponent,
  {
    providers: [
      provideProtractorTestingSupport(),
      provideRouter(routeConfig)
    ]
  }
).catch(err => console.error(err));
```

## Styles.css

```
/* Updated styles.css */
```

```
/* Add a background color and adjust font styles */
body {
  font-family: 'Be Vietnam Pro', sans-serif;
  background-color: #f2f2f2;
  color: #333;
}

/* Update the primary color */
:root {
  --primary-color: #e74c3c; /* Change to a different color */
  --secondary-color: #3498db;
  --accent-color: #f7dc6f;
  --shadow-color: #bdc3c7;
}

/* Modify button styles */
button.primary {
  padding: 12px 20px;
  border: none;
  background: var(--primary-color);
  color: white;
  border-radius: 5px;
  cursor: pointer;
  transition: background 0.3s ease;
}

button.primary:hover {
  background: #c0392b;
}

/* Adjust input styles */
input[type="text"],
input[type="email"] {
  border: none;
  padding: 12px;
  border-radius: 5px;
  margin-right: 8px;
  display: inline-block;
  width: 50%;
  background-color: #f5f5f5;
}

/* Update header styles */
header {
  display: flex;
  justify-content: space-between;
  align-items: center;
  height: 80px;
  padding: var(--content-padding);
  background-color: var(--secondary-color);
  color: white;
```

```

}

/* Update listing styles */
.listing {
  background: white;
  border-radius: 10px;
  box-shadow: 0px 2px 5px var(--shadow-color);
  margin: 10px;
  padding: 20px;
}

.listing-heading {
  font-size: 24px;
  margin-bottom: 10px;
  color: var(--primary-color);
}

.listing-photo {
  height: 200px;
  width: 100%;
  object-fit: cover;
  border-radius: 10px;
}

.listing-location {
  color: var(--secondary-color);
  font-size: 14px;
}

.listing a {
  text-decoration: none;
  color: var(--primary-color);
}

.listing a:hover {
  text-decoration: underline;
}

```

## app.component.ts

```

import { Component } from '@angular/core';
import { HomeComponent } from '../home/home.component';
import { RouterModule } from '@angular/router';

@Component({
  selector: 'app-root',
  standalone: true,
  imports: [
    HomeComponent,

```

```

    RouterModule,
  ],
  template: `
    <main>
      <a [routerLink]="['/']">
        <header class="brand-name">
          
        </header>
      </a>
      <section class="content">
        <router-outlet></router-outlet>
      </section>
    </main>
  `,
  styleUrls: ['./app.component.css'],
})
export class AppComponent {
  title = 'homes';
}

```

## app.component.css

```

:host {
  --content-padding: 10px;
}
header {
  display: block;
  height: 60px;
  padding: var(--content-padding);
  box-shadow: 0px 5px 25px var(--shadow-color);
}
.content {
  padding: var(--content-padding);
}

```

## Housing.service.ts

```

import { Injectable } from '@angular/core';
import { HousingLocation } from './housinglocation';

@Injectable({
  providedIn: 'root'
})
export class HousingService {

  url = 'http://localhost:3000/locations';
}

```

```

async getAllHousingLocations(): Promise<HousingLocation[]> {
  const data = await fetch(this.url);
  return await data.json() ?? [];
}

async getHousingLocationById(id: number): Promise<HousingLocation | undefined> {
  const data = await fetch(`${this.url}/${id}`);
  return await data.json() ?? {};
}

submitApplication(firstName: string, lastName: string, email: string) {
  console.log(firstName, lastName, email);
}
}

```

## Housinglocation.ts

```

export interface HousingLocation {
  id: number;
  name: string;
  city: string;
  state: string;
  photo: string;
  availableUnits: number;
  wifi: boolean;
  laundry: boolean;
}

```

## Routes.ts

```

import { Routes } from '@angular/router';
import { HomeComponent } from '../home/home.component';
import { DetailsComponent } from '../details/details.component';

const routeConfig: Routes = [
  {
    path: '',
    component: HomeComponent,
    title: 'Home page'
  },
  {
    path: 'details/:id',
    component: DetailsComponent,
    title: 'Home details'
  }
];

```

```
export default routeConfig;
```

## housing-location.component.ts

```
import { Component, Input } from '@angular/core';
import { CommonModule } from '@angular/common';
import { HousingLocation } from '../housinglocation';
import { RouterLink, RouterOutlet } from '@angular/router';

@Component({
  selector: 'app-housing-location',
  standalone: true,
  imports: [CommonModule, RouterLink, RouterOutlet],
  template: `
    <section class="listing">
      <img class="listing-photo" [src]="housingLocation.photo" alt="Exterior photo of
    {{housingLocation.name}}">
      <h2 class="listing-heading">{{ housingLocation.name }}</h2>
      <p class="listing-location">{{ housingLocation.city}}, {{housingLocation.state }}</p>
      <a [routerLink]="['/details', housingLocation.id]">Learn More</a>
    </section>
  `,
  styleUrls: ['./housing-location.component.css']
})

export class HousingLocationComponent {
  @Input() housingLocation!: HousingLocation;
}
```

## Housing-location.component.css

```
.listing {
  background: var(--accent-color);
  border-radius: 30px;
  padding-bottom: 30px;
}

.listing-heading {
  color: var(--primary-color);
  padding: 10px 20px 0 20px;
}

.listing-photo {
  height: 250px;
  width: 100%;
  object-fit: cover;
  border-radius: 30px 30px 0 0;
}

.listing-location {
```

```

padding: 10px 20px 20px 20px;
}
.listing-location::before {
  content: url("/assets/location-pin.svg") / "";
}

section.listing a {
  padding-left: 20px;
  text-decoration: none;
  color: var(--primary-color);
}
section.listing a::after {
  content: "\203A";
  margin-left: 5px;
}

```

## [Home.component.ts](#)

```

import { Component, inject } from '@angular/core';
import { CommonModule } from '@angular/common';
import { HousingLocationComponent } from '../housing-location/housing-location.component';
import { HousingLocation } from '../housinglocation';
import { HousingService } from '../housing.service';

@Component({
  selector: 'app-home',
  standalone: true,
  imports: [
    CommonModule,
    HousingLocationComponent
  ],
  template: `
    <section>
      <form>
        <input type="text" placeholder="Filter by city" #filter>
        <button class="primary" type="button"
(click)="filterResults(filter.value)">Search</button>
      </form>
    </section>
    <section class="results">
      <app-housing-location
        *ngFor="let housingLocation of filteredLocationList"
        [housingLocation]="housingLocation">
      </app-housing-location>
    </section>
  `,
  styleUrls: ['./home.component.css']
})

```

```

export class HomeComponent {
  housingLocationList: HousingLocation[] = [];
  housingService: HousingService = inject(HousingService);
  filteredLocationList: HousingLocation[] = [];

  constructor() {
    this.housingService.getAllHousingLocations().then((housingLocationList:
HousingLocation[]) => {
      this.housingLocationList = housingLocationList;
      this.filteredLocationList = housingLocationList;
    });
  }

  filterResults(text: string) {
    if (!text) {
      this.filteredLocationList = this.housingLocationList;
    }

    this.filteredLocationList = this.housingLocationList.filter(
      housingLocation => housingLocation?.city.toLowerCase().includes(text.toLowerCase())
    );
  }
}

```

## [Home.component.css](#)

```

/* Updated home.component.css */

.results {
  display: grid;
  gap: 20px; /* Adjust spacing between items */
  grid-template-columns: repeat(auto-fill, minmax(300px, 1fr)); /* Adjust min width and
column layout */
  margin-top: 30px;
}

/* Update input style for better visibility */
input[type="text"] {
  border: none;
  padding: 8px;
  border-radius: 5px;
  margin-right: 8px;
  display: inline-block;
  width: 40%;
  background-color: #f5f5f5;
  border: 1px solid #ccc;
}

/* Update button style */

```



```

button {
  padding: 10px 20px;
  border: none;
  background: var(--primary-color);
  color: white;
  border-radius: 5px;
  cursor: pointer;
  transition: background 0.3s ease;
}

button:hover {
  background: #c0392b;
}

@media (min-width: 500px) and (max-width: 768px) {
  .results {
    grid-template-columns: repeat(2, 1fr);
  }
  input[type="text"] {
    width: 70%;
  }
}

@media (max-width: 499px) {
  .results {
    grid-template-columns: 1fr;
  }
}

```

## Details.component.ts

```

import { Component, inject } from '@angular/core';
import { CommonModule } from '@angular/common';
import { ActivatedRoute } from '@angular/router';
import { HousingService } from '../housing.service';
import { HousingLocation } from '../housinglocation';
import { FormControl, FormGroup, ReactiveFormsModule } from '@angular/forms';

@Component({
  selector: 'app-details',
  standalone: true,
  imports: [
    CommonModule,
    ReactiveFormsModule
  ],
  template: `
<article>
  <img class="listing-photo" [src]="housingLocation?.photo"
    alt="Exterior photo of {{housingLocation?.name}}"/>

```

```

<section class="listing-description">
  <h2 class="listing-heading">{{housingLocation?.name}}</h2>
  <p class="listing-location">{{housingLocation?.city}}, {{housingLocation?.state}}</p>
</section>
<section class="listing-features">
  <h2 class="section-heading">About this housing location</h2>
  <ul>
    <li>Units available: {{housingLocation?.availableUnits}}</li>
    <li>Does this location have wifi: {{housingLocation?.wifi}}</li>
    <li>Does this location have laundry: {{housingLocation?.laundry}}</li>
  </ul>
</section>
<section class="listing-apply">
  <h2 class="section-heading">Apply now to live here</h2>
  <form [formGroup]="applyForm" (submit)="submitApplication()">
    <label for="first-name">First Name</label>
    <input id="first-name" type="text" formControlName="firstName">

    <label for="last-name">Last Name</label>
    <input id="last-name" type="text" formControlName="lastName">

    <label for="email">Email</label>
    <input id="email" type="email" formControlName="email">
    <button type="submit" class="primary">Apply now</button>
  </form>
</section>
</article>
`,
  styleUrls: ['./details.component.css']
})

export class DetailsComponent {

  route: ActivatedRoute = inject(ActivatedRoute);
  housingService = inject(HousingService);
  housingLocation: HousingLocation | undefined;

  applyForm = new FormGroup({
    firstName: new FormControl(''),
    lastName: new FormControl(''),
    email: new FormControl('')
  });

  constructor() {
    const housingLocationId = parseInt(this.route.snapshot.params['id'], 10);
    this.housingService.getHousingLocationById(housingLocationId).then(housingLocation => {
      this.housingLocation = housingLocation;
    });
  }
}

```

```

submitApplication() {
  this.housingService.submitApplication(
    this.applyForm.value.firstName ?? '',
    this.applyForm.value.lastName ?? '',
    this.applyForm.value.email ?? ''
  );
}
}

```

## Details.component.css

```

.listing-photo {
  height: 600px;
  width: 50%;
  object-fit: cover;
  border-radius: 30px;
  float: right;
}

.listing-heading {
  font-size: 48pt;
  font-weight: bold;
  margin-bottom: 15px;
}

.listing-location::before {
  content: url('/assets/location-pin.svg') / '';
}

.listing-location {
  font-size: 24pt;
  margin-bottom: 15px;
}

.listing-features > .section-heading {
  color: var(--secondary-color);
  font-size: 24pt;
  margin-bottom: 15px;
}

.listing-features {
  margin-bottom: 20px;
}

.listing-features li {
  font-size: 14pt;
}

```

```

li {
  list-style-type: none;
}

.listing-apply .section-heading {
  font-size: 18pt;
  margin-bottom: 15px;
}

label, input {
  display: block;
}
label {
  color: var(--secondary-color);
  font-weight: bold;
  text-transform: uppercase;
  font-size: 12pt;
}
input {
  font-size: 16pt;
  margin-bottom: 15px;
  padding: 10px;
  width: 400px;
  border-top: none;
  border-right: none;
  border-left: none;
  border-bottom: solid .3px;
}
@media (max-width: 1024px) {
  .listing-photo {
    width: 100%;
    height: 400px;
  }
}

```

## Db.json

```


{
  "locations": [
    {
      "id": 0,
      "name": "Acme Fresh Start Housing",
      "city": "Chicago",
      "state": "IL",
      "photo": "https://angular.io/assets/images/tutorials/faa/bernard-hermant-CLKGGwIBTaY-unsplash.jpg",
      "availableUnits": 4,
      "wifi": true,
      "laundry": true
    },
  ],
}

```

```
{
  "id": 1,
  "name": "A113 Transitional Housing",
  "city": "Santa Monica",
  "state": "CA",
  "photo": "https://angular.io/assets/images/tutorials/faa/brandon-griggs-
wR11KBaB86U-unsplash.jpg",
  "availableUnits": 0,
  "wifi": false,
  "laundry": true
},
{
  "id": 2,
  "name": "Warm Beds Housing Support",
  "city": "Juneau",
  "state": "AK",
  "photo": "https://angular.io/assets/images/tutorials/faa/i-do-nothing-but-love-
lAyXd11-Wmc-unsplash.jpg",
  "availableUnits": 1,
  "wifi": false,
  "laundry": false
},
{
  "id": 3,
  "name": "Homesteady Housing",
  "city": "Chicago",
  "state": "IL",
  "photo": "https://angular.io/assets/images/tutorials/faa/ian-macdonald-
W8z6aiwfi1E-unsplash.jpg",
  "availableUnits": 1,
  "wifi": true,
  "laundry": false
},
{
  "id": 4,
  "name": "Happy Homes Group",
  "city": "Gary",
  "state": "IN",
  "photo": "https://angular.io/assets/images/tutorials/faa/krzysztof-hepner-
978RAXoXnH4-unsplash.jpg",
  "availableUnits": 1,
  "wifi": true,
  "laundry": false
},
{
  "id": 5,
  "name": "Hopeful Apartment Group",
  "city": "Oakland",
  "state": "CA",
  "photo": "https://angular.io/assets/images/tutorials/faa/r-architecture-
JvQ0Q5IkeMM-unsplash.jpg",
```


```
    "availableUnits": 2,
    "wifi": true,
    "laundry": true
  },
  {
    "id": 6,
    "name": "Seriously Safe Towns",
    "city": "Oakland",
    "state": "CA",
    "photo": "https://angular.io/assets/images/tutorials/faa/phil-hearing-IYfp2Ixe9nM-unsplash.jpg",
    "availableUnits": 5,
    "wifi": true,
    "laundry": true
  },
  {
    "id": 7,
    "name": "Hopeful Housing Solutions",
    "city": "Oakland",
    "state": "CA",
    "photo": "https://angular.io/assets/images/tutorials/faa/r-architecture-GGupkreKwxA-unsplash.jpg",
    "availableUnits": 2,
    "wifi": true,
    "laundry": true
  },
  {
    "id": 8,
    "name": "Seriously Safe Towns",
    "city": "Oakland",
    "state": "CA",
    "photo": "https://angular.io/assets/images/tutorials/faa/saru-robert-9rP3mxf8qWI-unsplash.jpg",
    "availableUnits": 10,
    "wifi": false,
    "laundry": false
  },
  {
    "id": 9,
    "name": "Capital Safe Towns",
    "city": "Portland",
    "state": "OR",
    "photo": "https://angular.io/assets/images/tutorials/faa/webaliser-_TPTXZd9mOo-unsplash.jpg",
    "availableUnits": 6,
    "wifi": true,
    "laundry": true
  }
]
```

## Output Screenshot:



Filter by city


Search



**Acme Fresh Start Housing**

Chicago, IL


[Learn More >](#)



**A113 Transitional Housing**

Santa Monica, CA


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**Warm Beds Housing Support**

Juneau, AK


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**Homesteady Housing**

Chicago, IL


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**Happy Homes Group**

Gary, IN


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**Hopeful Apartment Group**

Oakland, CA


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**Seriously Safe Towns**

Oakland, CA


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**Hopeful Housing Solutions**

Oakland, CA


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**Seriously Safe Towns**

Oakland, CA

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**Capital Safe Towns**

Portland, OR

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# Acme Fresh Start Housing

Chicago, IL

## About this housing location

Units available: 4  
Does this location have wifi: true  
Does this location have laundry: true

## Apply now to live here

FIRST NAME

LAST NAME

EMAIL

Apply now

