DETAILS :

details.component.css:

```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;
  color: black;
}

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

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

.listing-features > .section-heading {
  color: var(--secondary-color);
  font-size: 24pt;
  margin-bottom: 15px;
  color: rgba(0, 0, 0, 0.567);
}

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

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

li {
  list-style-type: none;
}
```

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

label,
input {
  display: block;
}
label {
  color: darkgreen;
  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 0.3px;
}
@media (max-width: 1024px) {
  .listing-photo {
    width: 100%;
    height: 400px;
  }
}
```

details.component.ts:

```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="Interior photo of {{housingLocation?.name}}"/>
```

```html
      <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 Cafe</h2>
        <ul>
          <li>Average Cost: {{housingLocation?.avgcost}}</li>
          <li>Cafe timings: {{housingLocation?.timings}}</li>
          <li>Does this location have wifi: {{housingLocation?.wifi}}</li>
        </ul>
      </section>
      <section class="listing-apply">
        <h2 class="section-heading">Book now and reserve a Booth</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">Book</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.housingLocation =
      this.housingService.getHousingLocationById(housingLocationId);
  }

  submitApplication() {
    this.housingService.submitApplication(
      this.applyForm.value.firstName ?? '',
```

```
      this.applyForm.value.lastName ?? '',
      this.applyForm.value.email ?? ''
    );
  }
}
```

HOME :

home.component.css:

```css
.results {
  display: grid;
  column-gap: 14px;
  row-gap: 14px;
  grid-template-columns: repeat(auto-fill, minmax(400px, 400px));
  margin-top: 50px;
  justify-content: space-around;
}

input[type="text"] {
  border: solid 1px var(--primary-color);
  padding: 10px;
  border-radius: 8px;
  margin-right: 4px;
  display: inline-block;
  width: 30%;
}

button {
  padding: 10px;
  border: solid 1px var(--primary-color);
  background: var(--primary-color);
  color: white;
  border-radius: 8px;
}

@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;
  }
}
```

home.component.ts:

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

```
    }

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

HOUSING-LOCATION:

housing-location.component.css:

```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;
}
```

housing-location.component.ts:

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

@Component({
  selector: 'app-housing-location',
  standalone: true,
  imports: [CommonModule, RouterModule],
  template: `
    <section class="listing">
      <img class="listing-photo" [src]="housingLocation.photo" alt="Interior 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;
}
```

app.component.css:

```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);
}
.brand-name {
  font-size: 48pt;
  font-weight: bold;
  margin-bottom: 15px;
  color: rgb(37, 10, 88);
}
```

app.component.ts:

```typescript
import { Component } from '@angular/core';
import { HomeComponent } from './home/home.component';
import { RouterLink, RouterOutlet } from '@angular/router';

@Component({
  selector: 'app-root',
  standalone: true,
  imports: [HomeComponent, RouterLink, RouterOutlet],
  template: `
    <main>
      <a [routerLink]="['/']">
        <header class="brand-name">
          CAFES
        </header>
      </a>
      <section class="content">
        <router-outlet></router-outlet>
      </section>
    </main>
  `,
  styleUrls: ['./app.component.css'],
})
export class AppComponent {
  title = 'cafes';
}
```

housing.service.ts:

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

@Injectable({
  providedIn: 'root',
})
export class HousingService {
  readonly baseUrl = 'https://angular.io/assets/images/tutorials/faa';

  protected housingLocationList: HousingLocation[] = [
    {
      id: 0,
      name: 'POD Cafe',
      city: 'Chennai',
      state: 'TN',
      photo: `https://5.imimg.com/data5/SELLER/Default/2022/10/MQ/FY/HI/106113158/cafe-
interior-design-500x500.jpg`,
      avgcost: 150,
      timings: '9:00 AM to 10:00 PM',
      wifi: true,
    },
```

```
    {
      id: 1,
      name: 'Starbucks',
      city: 'Mumbai',
      state: 'MH',
      photo: `https://5.imimg.com/data5/DS/VP/MD/SELLER-23180026/cafe-interior-design-
service-500x500.jpg`,
      avgcost: 300,
      timings: '1:00 AM to 10:00 PM',
      wifi: true,
    },
    {
      id: 2,
      name: 'Cafe Coffee Day',
      city: 'Jaipur',
      state: 'RJ',
      photo: `https://5.imimg.com/data5/SELLER/Default/2021/7/MV/WU/AG/86666706/cafe-
interior-designing-services-500x500.jpg`,
      avgcost: 200,
      timings: '9:00 AM to 10:00 PM',
      wifi: true,
    },
    {
      id: 3,
      name: "Writer's Cafe",
      city: 'Kolkatta',
      state: 'WB',
      photo: `https://5.imimg.com/data5/CK/OC/QT/SELLER-12294376/cafe-interior-designing-
service-500x500.jpg`,
      avgcost: 100,
      timings: '9:00 AM to 10:00 PM',
      wifi: true,
    },
    {
      id: 4,
      name: 'Amethyst Cafe',
      city: 'New Delhi',
      state: 'DH',
      photo: `https://5.imimg.com/data5/SELLER/Default/2021/8/RG/WV/HU/72606822/restaurant-
interior-design-service-500x500.jpg`,
      avgcost: 150,
      timings: '9:00 AM to 10:00 PM',
      wifi: true,
    },
    {
      id: 5,
      name: 'Cuppuccino',
      city: 'Goa',
      state: 'GA',
      photo: `https://5.imimg.com/data5/SELLER/Default/2022/6/RT/WV/RX/3009658/cafe-
interior-design-500x500.jpg`,
```

```
    avgcost: 150,
    timings: '9:00 AM to 10:00 PM',
    wifi: true,
  },
  {
    id: 6,
    name: 'Chamiers Cafe',
    city: 'Pondicherry',
    state: 'PC',
    photo: `https://5.imimg.com/data5/SELLER/Default/2022/11/XA/OM/AR/77148852/cafe-
interior-design-500x500.jpg`,
    avgcost: 150,
    timings: '9:00 AM to 10:00 PM',
    wifi: true,
  },
  {
    id: 7,
    name: 'Retro Cafe',
    city: 'Chetpet',
    state: 'TN',
    photo: `https://5.imimg.com/data5/SELLER/Default/2021/11/GS/QC/YS/4495906/cafe-
interior-design-500x500.jpg`,
    avgcost: 150,
    timings: '9:00 AM to 10:00 PM',
    wifi: true,
  },
  {
    id: 8,
    name: 'Cafe de Luxe',
    city: 'Oakland',
    state: 'CA',
    photo: `https://5.imimg.com/data5/GQ/UT/TZ/SELLER-40281920/cafe-interior-design-
500x500.jpg`,
    avgcost: 150,
    timings: '9:00 AM to 10:00 PM',
    wifi: true,
  },
  {
    id: 9,
    name: 'Ciclo Cafe',
    city: 'Portland',
    state: 'OR',
    photo: `https://5.imimg.com/data5/GD/VZ/NW/SELLER-52242836/cafe-interior-design-
500x500.jpg`,
    avgcost: 150,
    timings: '9:00 AM to 10:00 PM',
    wifi: true,
  },
];

getAllHousingLocations(): HousingLocation[] {
```

```
    return this.housingLocationList;
  }

  getHousingLocationById(id: number): HousingLocation | undefined {
    return this.housingLocationList.find(
      (housingLocation) => housingLocation.id === id
    );
  }

  submitApplication(firstName: string, lastName: string, email: string) {
    console.log(
      `Homes application received: firstName: ${firstName}, lastName: ${lastName}, email: $
{email}.`
    );
  }
}
```

housinglocation.ts:

```
export interface HousingLocation {
  id: number;
  name: string;
  city: string;
  state: string;
  photo: string;
  avgcost: number;
  timings: string;
  wifi: 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;
```

index.html:

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <title>Cafes</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:

```ts
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));
```

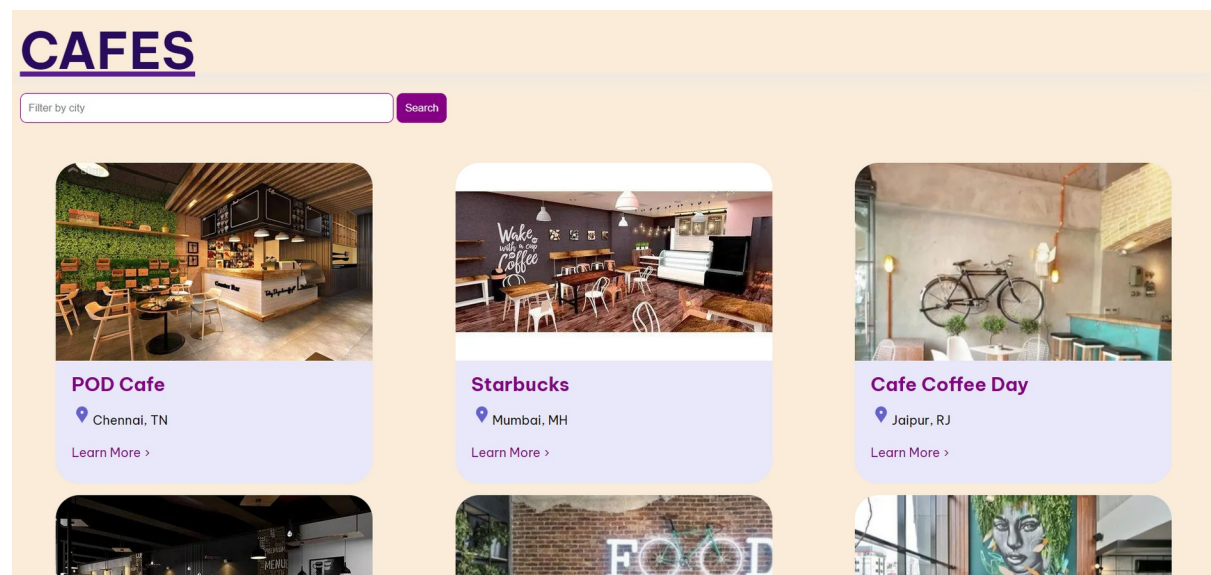## styles.css:

```css
* {
  margin: 0;
```

```css
    padding: 0;
}

body {
  font-family: 'Be Vietnam Pro', sans-serif;
  background-color: antiquewhite;
}
:root {
  --primary-color: purple;
  --secondary-color: violet;
  --accent-color: #e8e7fa;
  --shadow-color: #e8e8e8;
}

button.primary {
  padding: 10px;
  border: solid 1px var(--primary-color);
  background: var(--primary-color);
  color: white;
  border-radius: 8px;
}
```

OUTPUT :

Writer's Cafe

Kolkatta, WB

Learn More >

Amethyst Cafe

New Delhi, DH

Learn More >

Cuppuccino

Goa, GA

Learn More >

Chamiers Cafe

Retro Cafe

Cafe de Luxe

Chamiers Cafe

Pondicherry, PC

Learn More >

Retro Cafe

Chetpet, TN

Learn More >

Cafe de Luxe

Oakland, CA

Learn More >

Ciclo Cafe

Portland, OR

Learn More >

CAFES

POD Cafe

Chennai, TN

About this Cafe

Average Cost: 150
Cafe timings: 9:00 AM to 10:00 PM
Does this location have wifi: true

Book now and reserve a Booth

FIRST NAME

LAST NAME

EMAIL

Book

CAFES

Starbucks

📍Mumbai, MH

About this Cafe

Average Cost: 300
Cafe timings: 1:00 AM to 10:00 PM
Does this location have wifi: true

Book now and reserve a Booth

FIRST NAME

A

LAST NAME

B

EMAIL

xyz@snuchennai.edu.in

Book

Starbucks

📍Mumbai, MH