Create UserModel: app 🡪 model 🡪 user.model.ts

export class Geo{

    lat:string;

    lng:string;

}

export class Address{

    street:string;

    suite:string;

    city:string;

    zipcode:string;

    geo:Geo;

}

export class Company{

    name:string;

    catchPhrase:string;

    bs:string;

}

export class User{

    id:number;

    name:string;

    username:string;

    email:string;

    phone:string;

    website:string;

    address:Address;

    company:Company

}

Import HttpClient Module in app.module.ts

import { NgModule } from '@angular/core';

import { BrowserModule } from '@angular/platform-browser';

import { AppRoutingModule } from './app-routing.module';

import { AppComponent } from './app.component';

import { HomeComponent } from './home/home.component';

import { AboutComponent } from './about/about.component';

import { PagenotfoundComponent } from './pagenotfound/pagenotfound.component';

import { AboutchildAComponent } from './aboutchild-a/aboutchild-a.component';

import { AboutchildBComponent } from './aboutchild-b/aboutchild-b.component';

import { DetailsComponent } from './details/details.component';

import { ProfileComponent } from './profile/profile.component';

import { UserslistComponent } from './userslist/userslist.component';

import {HttpClientModule} from '@angular/common/http';

@NgModule({

  declarations: [

    AppComponent,

    HomeComponent,

    AboutComponent,

    PagenotfoundComponent,

    AboutchildAComponent,

    AboutchildBComponent,

    DetailsComponent,

    ProfileComponent,

    UserslistComponent

  ],

  imports: [

    BrowserModule,

    AppRoutingModule,

    HttpClientModule

  ],

  providers: [],

  bootstrap: [AppComponent]

})

export class AppModule { }

create service: ng g s user

import { HttpClient } from '@angular/common/http';

import { Injectable } from '@angular/core';

import { Observable } from 'rxjs';

import { User } from './model/user.model';

@Injectable({

  providedIn: 'root'

})

export class UserService {

  baseUrl:string="https://jsonplaceholder.typicode.com/users";

  constructor(private http: HttpClient) { }

  getAllUsers():Observable<User[]>{

    return this.http.get<User[]>(this.baseUrl);

  }

  getUserById(id:number):Observable<User>{

    return this.http.get<User>(this.baseUrl+id);

  }

}

Create component: ng g c userslist

Userlist.component.ts

import { Component } from '@angular/core';

import { User } from '../model/user.model';

import { UserService } from '../user.service';

@Component({

  selector: 'app-userslist',

  templateUrl: './userslist.component.html',

  styleUrls: ['./userslist.component.css']

})

export class UserslistComponent {

  users:User[];

  constructor(private service:UserService){}

  ngOnInit(){

    this.service.getAllUsers().subscribe(ob=>this.users=ob);

  }

}

Userslist.component.html

<table>

    <thead>

        <tr>

            <th>ID</th><th>Name</th><th>UserName</th><th>Company</th><th>Address</th>

        </tr>

    </thead>

    <tbody>

        <tr \*ngFor="let u of users">

            <td>{{u.id}}</td>

            <td>{{u.name}}</td>

            <td>{{u.username}}</td>

            <td>{{u.company.name}},  {{u.company.catchPhrase}}, {{u.company.bs}}</td>

            <td>{{u.address.city}}, {{u.address.zipcode}} {{u.address.geo.lng}}</td>

        </tr>

    </tbody>

</table>

Add route in app-routing.module.ts file

{path:"userlist",component:UserslistComponent},

Add link in app.component.html

<li class="nav-item">

      <a class="nav-link" routerLink="userlist">User List</a>

    </li>

Let’s Get the details of each User

Create component: ng g c userdetails

Userdetails.component.ts

import { Component } from '@angular/core';

import { ActivatedRoute } from '@angular/router';

import { User } from '../model/user.model';

import { UserService } from '../user.service';

@Component({

  selector: 'app-userdetails',

  templateUrl: './userdetails.component.html',

  styleUrls: ['./userdetails.component.css']

})

export class UserdetailsComponent {

  user:User;

  constructor(private actroute:ActivatedRoute,

    private service:UserService){}

  ngOnInit(){

    const id= this.actroute.snapshot.paramMap.get('id');

    console.log(id);

    this.service.getUserById(Number(id)).subscribe(ob=>this.user=ob);

    console.log(this.user)

  }

}

Userdetails.component.html

<h1>Welcome {{user.name}}</h1>

<h3>Your Details</h3>

<ul>

    <li>UserName: {{user.username}}</li>

    <li>State: {{user.address.street}}</li>

    <li>Company: {{user.company.name}},  {{user.company.catchPhrase}}, {{user.company.bs}}</li>

    <li>Website: {{user.website}}</li>

</ul>

Update userlist.component.html

<table class="table table-bordered table-striped">

    <thead>

        <tr>

            <th>ID</th><th>Name</th><th>UserName</th><th>Opeartions</th>

        </tr>

    </thead>

    <tbody>

        <tr \*ngFor="let u of users">

            <td>{{u.id}}</td>

            <td>{{u.name}}</td>

            <td>{{u.username}}</td>

            <td><a routerLink="/userdetails/{{u.id}}">

                <button class="btn btn-success">View</button>

            </a></td>

            <!-- <td>{{u.company.name}},  {{u.company.catchPhrase}}, {{u.company.bs}}</td>

            <td>{{u.address.city}}, {{u.address.zipcode}} {{u.address.geo.lng}}</td> -->

        </tr>

    </tbody>

</table>

Update routing.module.ts file

{path:"userdetails/:id",component:UserdetailsComponent},

Check the output.