

3-5 feladat

```
ng new foglalas-app
```

```
cd foglalas-app
```

```
ng add @angular/material
```

```
npm install bootstrap
```

```
npm install ngx-bootstrap
```

```
npm install @angular/forms
```

```
ng generate service services/foglalas
```

```
ng generate component components/home-page
```

```
ng generate component components/foglalas-lista
```

```
ng generate component components/foglalas-form
```

foglalas-form.component.html

```
<div class="container">
```

```
  <h2>Új Foglálás</h2>
```

```
  <form [formGroup]="foglalasForm" (ngSubmit)="submit()">
```

```
    <label>Tárgy:</label>
```

```
    <select formControlName="itemName">
```

```
      <option *ngFor="let item of items" [value]="item">{{ item }}</option>
```

```
    </select>
```

```
    <label>Kezdő dátum:</label>
```

```
<input type="date" formControlName="startDate">

<label>Befejező dátum:</label>

<input type="date" formControlName="endDate">

<label>Összes ár:</label>

<input type="number" formControlName="totalPrice">

<button type="submit" class="btn btn-success">Foglalás mentése</button>

</form>

<h3>Új foglalások:</h3>

<ul>

  <li *ngFor="let foglalas of foglalasok">

    {{ foglalas.itemName }} – {{ foglalas.startDate }} - {{ foglalas.endDate }} ({{
foglalas.totalPrice }} Ft)

  </li></ul></div>
```

foglalas-form.component.ts

```
import { Component, OnInit } from '@angular/core';

import { FormBuilder, FormGroup } from '@angular/forms';

import { CommonModule } from '@angular/common';

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

@Component({

  selector: 'app-foglalas-form',
```

```
templateUrl: './foglalas-form.component.html',

styleUrls: ['./foglalas-form.component.css'],

standalone: true,

imports: [CommonModule, ReactiveFormsModule]
})

export class FoglalasFormComponent implements OnInit {

  foglalasForm!: FormGroup;

  items = ["Autó", "Bicikli", "Lakás"];

  foglalasok: any[] = [];


  constructor(private fb: FormBuilder) {}

  ngOnInit(): void {

    this.foglalasForm = this.fb.group({

      itemName: [''],

      startDate: [''],

      endDate: [''],

      totalPrice: ['']

    });
  }


  submit() {

    if (this.foglalasForm.valid) {

      const newFoglalas = this.foglalasForm.value;
```

```
    console.log("Foglalás sikeresen létrehozva!", newFoglalas);

    this.foglalasok = [...this.foglalasok, newFoglalas];

    this.foglalasForm.reset();

  } else {

    console.log("Hiba! Az űrlap nincs kitöltve helyesen.");

  }

}

}
```

foglalas-lista.component.html

```
<div class="container">

  <h2>Foglalások Listája</h2>

  <table class="table table-striped">

    <thead>

      <tr>

        <th>Tárgy</th>

        <th>Kategória</th>

        <th>Napi díj</th>

        <th>Kezdő dátum</th>

        <th>Befejező dátum</th>

        <th>Összesített ár</th>

      </tr>

    </thead>
```

```
<tbody>

  <tr *ngFor="let foglalas of foglalasok">

    <td>{{ foglalas.itemName }}</td>

    <td>{{ foglalas.category }}</td>

    <td>{{ foglalas.dailyPrice }} Ft</td>

    <td>{{ foglalas.startDate }}</td>

    <td>{{ foglalas.endDate }}</td>

    <td>{{ foglalas.totalPrice }} Ft</td>

  </tr>

</tbody>

</table>

</div>
```

foglalas-lista.component.ts

```
import { Component, OnInit } from '@angular/core';

import { CommonModule } from '@angular/common';

@Component({
  selector: 'app-foglalas-lista',
  templateUrl: './foglalas-lista.component.html',
  styleUrls: ['./foglalas-lista.component.css'],
  standalone: true,
  imports: [CommonModule]
```

```
})

export class FoglalasListaComponent implements OnInit {

  foglalasok: any[] = [];

  ngOnInit(): void {

    this.foglalasok = [

      { itemName: "Bicikli", category: "Sport", dailyPrice: 5000, startDate: "2025-05-20",
        endDate: "2025-05-25", totalPrice: 25000 },

      { itemName: "Autó", category: "Jármű", dailyPrice: 15000, startDate: "2025-05-10",
        endDate: "2025-05-15", totalPrice: 75000 }

    ];

  }

}
```

home-page.component.html

```
<div class="container text-center">
  <h1>Üdvözljük a Bérlési Platformon!</h1>
  <p>Foglaljon festményt, autót vagy lakást gyorsan és
egyszerűen.</p>
  <a href="/foglalas-lista" class="btn btn-primary">Foglalások
Listája</a>
  <a href="/foglalas-form" class="btn btn-success">Új Foglalás</a>
</div>
```

home-page.component.ts

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

@Component({
  selector: 'app-home-page',
  templateUrl: './home-page.component.html',
  styleUrls: ['./home-page.component.css']
})
export class HomePageComponent {}
```


foglalas.service.ts

```
import { Injectable } from '@angular/core';
import { HttpClient } from '@angular/common/http';
import { Observable } from 'rxjs';

@Injectable({
  providedIn: 'root'
})
export class FoglalasService {
  private apiUrl = 'http://127.0.0.1:8000/api/lefoglalasok';

  constructor(private http: HttpClient) {}

  getFoglalasok(): Observable<any> {
    return this.http.get(this.apiUrl);
  }

  createFoglalas(foglalas: any): Observable<any> {
    return this.http.post(this.apiUrl, foglalas);
  }

  updateFoglalas(id: number, foglalas: any): Observable<any> {
    return this.http.put(`${this.apiUrl}/${id}`, foglalas);
  }
}
```

```
deleteFoglalas(id: number): Observable<any> {  
    return this.http.delete(`${this.apiUrl}/${id}`);  
}  
}
```

app-routing.module.ts

```
import { NgModule } from '@angular/core';  
import { RouterModule, Routes } from '@angular/router';  
import { HomeComponent } from '../components/home-page/home-page.component';  
import { FoglalasListaComponent } from '../components/foglalas-lista/foglalas-lista.component';  
import { FoglalasFormComponent } from '../components/foglalas-form/foglalas-form.component';  
  
const routes: Routes = [  
    { path: '', component: HomeComponent },  
    { path: 'foglalas-lista', component: FoglalasListaComponent },  
    { path: 'foglalas-form', component: FoglalasFormComponent }  
];  
  
@NgModule({  
    imports: [RouterModule.forRoot(routes)],  
    exports: [RouterModule]  
})  
export class AppRoutingModule {}
```

app.component.html


```
<nav class="navbar navbar-expand-lg navbar-dark bg-primary">
  <div class="container-fluid">
    <a class="navbar-brand" routerLink="/">Kezdőlap</a>
    <button class="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-target="#navbarNav">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarNav">
      <ul class="navbar-nav">
        <li class="nav-item"><a class="nav-link"
routerLink="/foglalas-lista">Foglalások</a></li>
        <li class="nav-item"><a class="nav-link"
routerLink="/foglalas-form">Foglalás</a></li>
      </ul>
    </div>
  </div>
</nav>
<router-outlet></router-outlet>
```

app.component.ts

```
import { Component } from '@angular/core';
import { RouterLink, RouterOutlet } from '@angular/router';

@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css'],
  standalone: true,
  imports: [RouterOutlet, RouterLink]
})
export class AppComponent {
  title = 'foglalas-app';
}
```

app.config.ts

```
import { ApplicationConfig, provideZoneChangeDetection } from
 '@angular/core';
import { provideRouter } from '@angular/router';
import { routes } from './app.routes';

export const appConfig: ApplicationConfig = {
  providers: [provideZoneChangeDetection({ eventCoalescing: true }),
    provideRouter(routes)]  };

-----
-----
```

app.module.ts

```
import { NgModule } from '@angular/core';
import { BrowserModule } from '@angular/platform-browser';
import { ReactiveFormsModule } from '@angular/forms';
import { AppComponent } from './app.component';
import { HomePageComponent } from './components/home-page/home-
page.component';
import { FoglalasListaComponent } from './components/foglalas-
lista/foglalas-lista.component';
import { FoglalasFormComponent } from './components/foglalas-
form/foglalas-form.component';
import { RouterModule } from '@angular/router';
import { routes } from './app.routes';
import { HttpClientModule } from '@angular/common/http';
import { CommonModule } from '@angular/common';

@NgModule({
  declarations: [
    AppComponent,
    HomePageComponent,
    FoglalasListaComponent,
    FoglalasFormComponent
  ],
```

```
imports: [
  BrowserModule,
  ReactiveFormsModule,
  HttpClientModule,
  RouterModule.forRoot(routes),
  CommonModule
],
providers: [],
bootstrap: [AppComponent]
})
export class AppModule {}
```

app.routes.ts

```
import { Routes } from '@angular/router';
import { HomeComponent } from '../components/home-page/home-page.component';
import { FoglalasListaComponent } from '../components/foglalas-lista/foglalas-lista.component';
import { FoglalasFormComponent } from '../components/foglalas-form/foglalas-form.component';

export const routes: Routes = [
  { path: '', redirectTo: '/home', pathMatch: 'full' },
  { path: 'home', component: HomeComponent },
  { path: 'foglalas-lista', component: FoglalasListaComponent },
  { path: 'foglalas-form', component: FoglalasFormComponent },
  { path: '**', redirectTo: '/home' }
];
```

index.html

```
<!doctype html>
<html lang="en">
```

```
<head>
  <meta charset="utf-8">
  <title>FoglalasApp</title>
  <base href="/">
  <meta name="viewport" content="width=device-width, initial-
scale=1">
  <link rel="icon" type="image/x-icon" href="favicon.ico">
  <link
href="https://fonts.googleapis.com/css2?family=Roboto:wght@300;400;5
00&display=swap" rel="stylesheet">
  <link
href="https://fonts.googleapis.com/icon?family=Material+Icons"
rel="stylesheet">
  <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstra
p.min.css">
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.
bundle.min.js"></script>
</head>
<body class="mat-typography">
  <app-root></app-root>
</body>
</html>
```


angular.json

```
{
  "$schema": "./node_modules/@angular/cli/lib/config/schema.json",
  "version": 1,
  "newProjectRoot": "projects",
  "projects": {
    "foglalas-app": {
      "projectType": "application",
      "schematics": {},
      "root": "",
      "sourceRoot": "src",
      "prefix": "app",
      "architect": {
```

```

    "build": {
      "builder": "@angular-devkit/build-angular:application",
      "options": {
        "outputPath": "dist/foglalas-app",
        "index": "src/index.html",
        "browser": "src/main.ts",
        "polyfills": ["zone.js"],
        "tsConfig": "tsconfig.app.json",
        "assets": [{ "glob": "**/*", "input": "public" }],
        "styles": [
          "node_modules/bootstrap/dist/css/bootstrap.min.css",
          "@angular/material/prebuilt-themes/azure-blue.css",
          "src/styles.css"
        ],
        "scripts": [
          "node_modules/bootstrap/dist/js/bootstrap.bundle.min.js"
        ],
        "configurations": {
          "production": {
            "budgets": [
              { "type": "initial", "maximumWarning": "500kB",
"maximumError": "1MB" },
              { "type": "anyComponentStyle", "maximumWarning":
"4kB", "maximumError": "8kB" }
            ],
            "outputHashing": "all"
          },
          "development": {
            "optimization": false,
            "extractLicenses": false,
            "sourceMap": true
          }
        },
        "defaultConfiguration": "production"
      },
      "serve": {
        "builder": "@angular-devkit/build-angular:dev-server",
        "configurations": {
          "production": { "buildTarget": "foglalas-
app:build:production" },
          "development": { "buildTarget": "foglalas-
app:build:development" }
        }
      }
    }
  }
}

```

```

    },
    "defaultConfiguration": "development"
  },
  "extract-i18n": { "builder": "@angular-devkit/build-
angular:extract-i18n" },
  "test": {
    "builder": "@angular-devkit/build-angular:karma",
    "options": {
      "polyfills": ["zone.js", "zone.js/testing"],
      "tsConfig": "tsconfig.spec.json",
      "assets": [{ "glob": "**/*", "input": "public" }],
      "styles": [
        "node_modules/bootstrap/dist/css/bootstrap.min.css",
        "@angular/material/prebuilt-themes/azure-blue.css",
        "src/styles.css"
      ],
      "scripts":
["node_modules/bootstrap/dist/js/bootstrap.bundle.min.js"]
    }
  }
}
},
"cli": { "analytics": false }
}

```