WP 2025./2026.: Predavanje 09

Forme temeljene na modelu

Importati i `ReactiveFormsModule`

mdf.component.ts

```typescript
import { Component } from '@angular/core';
import { FormGroup, FormControl } from '@angular/forms';

@Component({
  selector: 'app-mdf',
  standalone: true,
  imports: [FormsModule, ReactiveFormsModule],
  templateUrl: './mdf.component.html',
  styleUrl: './mdf.component.css'
})
export class MDFComponent {

  myForm: FormGroup = new FormGroup({
    username: new FormControl(null),
    age: new FormControl(null),
    password: new FormGroup({
      pass1: new FormControl(null),
      pass2: new FormControl(null)
    })
  });

  ngOnInit() {
    this.myForm.valueChanges.subscribe(data => {
      console.log(data);
    });
  }
}
```

mdf.component.html

```html
<form [formGroup]="myForm">
    <input type="text" formControlName="username">
    <div formGroupName="password">
        <input type="text" formControlName="pass1">
        <input type="text" formControlName="pass2">
    </div>
</form>
```

Pipe-ovi

Unijeti `CommonModule` u `imports` komponente u kojoj ćemo koristiti pipe.

xxx.component.ts

```typescript
date: string = Date();
obj: object = { username: "Jurica", age: 31, isSubscribed: true };
```

xxx.component.html

```html
<p>Current time: {{ date | date : "short" }}</p>
<p>{{ obj | json }}</p>
<p>{{ 10 | currency : "EUR" }}</p>
```

Router

1. Stvoriti:
   ```
   ng g c Nav
   ng g c About
   ng g c Products
   ng g c Home
   ```

2. Ako nije unesen, unijeti Ng Boostrap u projekt

3. Sve što smo dosad stavili u AppComponent staviti u HomeComponent.

4. `nav.component.ts`:

```ts
import { Component } from '@angular/core';
   import { NgbCollapseModule } from "@ng-bootstrap/ng-bootstrap";
@Component({
  selector: 'app-nav',
  standalone: true,
  imports: [NgbCollapseModule],
  templateUrl: './nav.component.html',
  styleUrl: './nav.component.css'
})
export class NavComponent {
  @Input() title: string = "";
  isMenuCollapsed: boolean = true;
}
```

5. Copy-paste-at s Ng Bootstrap dokumentacije **Components** -> **Collapse** -> **Responsive Navbar** u `nav.component.html`:

6. Trebao bi postojati `app.config.ts` koji izgleda ovak:

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

export const appConfig: ApplicationConfig = {
  providers: [provideRouter(routes)]
};
```

7. Trebao bi postojati `app.routes.ts` koji izgleda ovak:

```ts
import { Routes } from '@angular/router';
export const routes: Routes = [];
```

8. Definirajmo rute:

```
export const routes: Routes = [
    { path: "", pathMatch: "full", redirectTo: "home" },
    { path: "home", component: HomeComponent },
    { path: "products", component: ProductsComponent },
    { path: "about", component: AboutComponent },
    { path: "**", redirectTo: "home" }
];
```

9. U imports komponente AppComponent dodati RouterOutlet, NavComponent

10. U predložak AppComponent:

```
<app-nav [title]="title"></app-nav>

<div class="container">
  <router-outlet></router-outlet>
</div>
```

11. U imports komponente NavComponent dodati RouterLink, RouterLinkActive

12. Na svaki link nakačiti putanju, npr. `<a class="nav-link" routerLink="/home">Home</a>`

13. U imports komponente NavComponent dodati RouterLinkActive

14. U nav.component.css:

```
li.active a {
    text-decoration: underline;
}
```

15. Na svaki li koji je roditelj od a nakačiti direktivu routerLinkActive="active"