Angular Basics - Learning Journal

Hello! I am currently learning Angular by following the Angular Basics course from Simplilearn.

This document summarizes the main concepts from the second part

Angular Forms

Allow you to capture user data, validate inputs and react to interactions in the form — in an organized way and integrated with Angular.



- Template-Driven

Method used to create a form object (Directives)

Module Classes to controls

Json values

Validations

- Reactive Forms

Data-flow

Code-driven

No two-way data binding

Data binding is a technique that connects data sources to user interfaces (UI). This allows data to be updated automatically when the interface changes.

Synchronous creating



class that enables validation.



represents a group of controls.

also provides all the validation errors.

```
PDevelopment
```

Creating a user form registration

Generate the:

ng new democomponents

ng g c form-component

Verify that folder assets is on the angular.json to add an image

```
"assets": [
"src/assets",
"src/favicon.ico"
],
```

Import forms module:

Form page:

Necessary imports:

```
import { CommonModule } from '@angular/common';
import { Component } from '@angular/core';
import { FormsModule, NgForm } from '@angular/forms';
```

form_component.component.ts

```
import { Component } from '@angular/core';
import { RouterOutlet } from '@angular/router';
import { FormComponentComponent } from
'./form-component/form-component.component';
import { FormsModule } from '@angular/forms';

@Component({
    selector: 'app-root',
    imports: [RouterOutlet, FormComponentComponent, FormsModule],
```



First Name

Last Name

Angular Services

Services in Angular are responsible for handling business logic, HTTP calls, data storage, and any other reusable function that does not involve displaying content on the screen (UI).

Examples:

A service that logs in and out

A service that searches for products in the API

A service that saves data to localStorage



- A service is a class
- Decorated with Injectibe

@Injectable lets Angular know how to create and provide an instance of this class when needed.

- They share the same piece of code

- Hold the business logic
- Interact with the backend
- Share data among components
- Services are singleton
- Registered on modules or components



Create a service

ng g service data

Made with ♥ while learning Angular with Simplilearn – Angular Basics.