Services. Dependency injection. Observables

I Services

A service's job is to provide data to a component or to handle data from a component.

<u>Definition</u>: A service is a class that should do something specific and do it well.

Components have view-related functionalities, while services have data processing functionalities that can be reused.

Reusable piece of functionality shared across components.

A component can delegate certain tasks to services, such as fetching data from the server or validating user input.

By defining such processing tasks in an injectable service class, you make those tasks available to any component.

ng generate service <name>

To define a class as a service in Angular, use the @injectable() decorator to provide the metadata that allows Angular to inject it into a component as a dependency.

II. Dependency injection

Dependency injection is a design pattern and mechanism for creating and delivering some parts of an app to other parts of an app that require them.

D.i. is a fundamental concept in Angular.