ANGULAR BASICS

Training Assignments

Hanoi, 09/2021

Contents

	CODE:
FRESHER ACADEMY	**TYPE:**
	LOC: 190
	DURATION: 180 MINUTES

I. Assignment : Angular Basic

Objectives:

» Understand and practice directives.

» Understand and practice property binding, event binding, two way binding.

» Config routing in Angular.

» How to validate and create reactive form.

» How to use HttpClient to call API.

Prerequisites:

Technologies:

The product implements one or more technology:

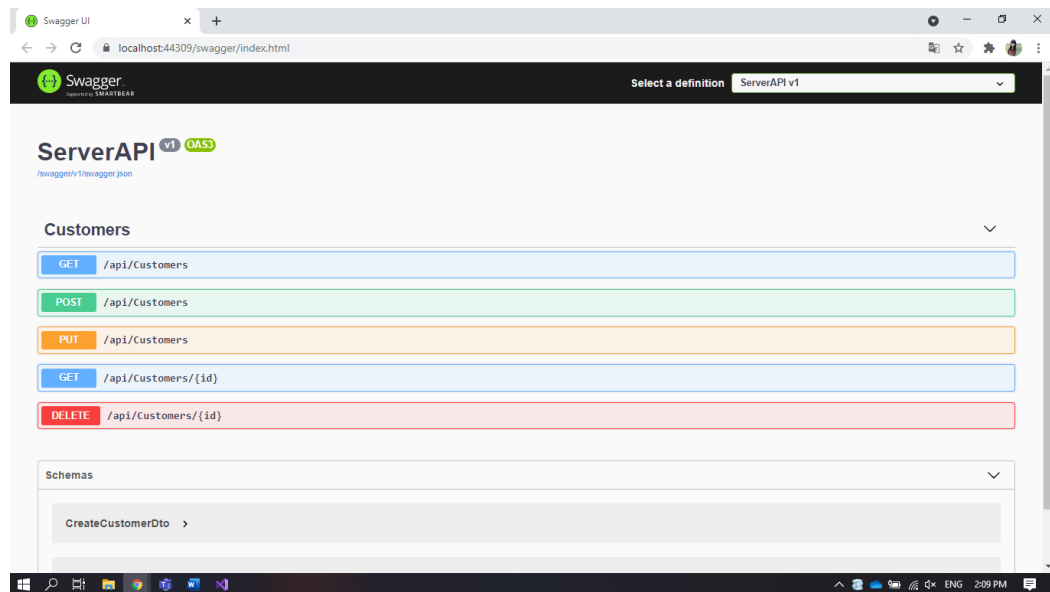» TypeScript

» HTML,CSS,BOOTSTRAP

» Angular

IO:

» WEB

II. Assignment

Download code from git:

git clone https://gitlab.com/hung.vvh98/fresher03-angular.git

git checkout ServerAPI

Buil project and run.

Server API run on port: https://localhost:44309/
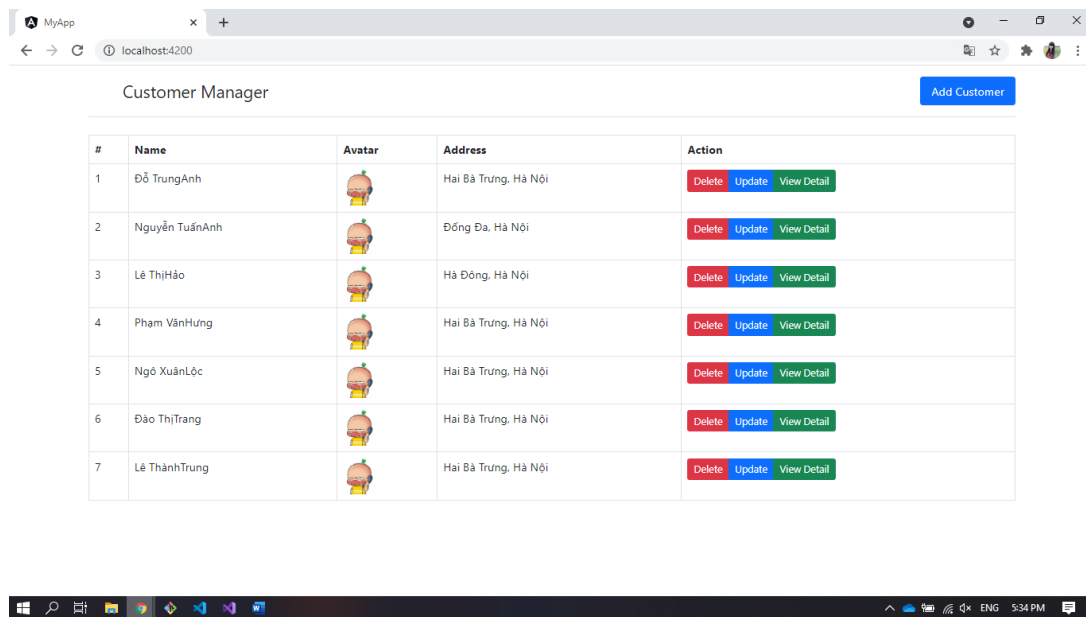
Create an app using Angular run on default port: 4200

a. Home page

Use HttpClient to fetch data from server

b. If click Delete will call http delete method to remove data on server.

If the response is successful, show success inform, else show an error

c. If click update will redirect to page

http://localhost:4200/edit/:id

id is customer id

Validate form with

 +) First Name is required, min length =3

 +) Last Name is required, min length =3

 +) Address is requried,min length=10, max length=500

 +) City is required, min length=3

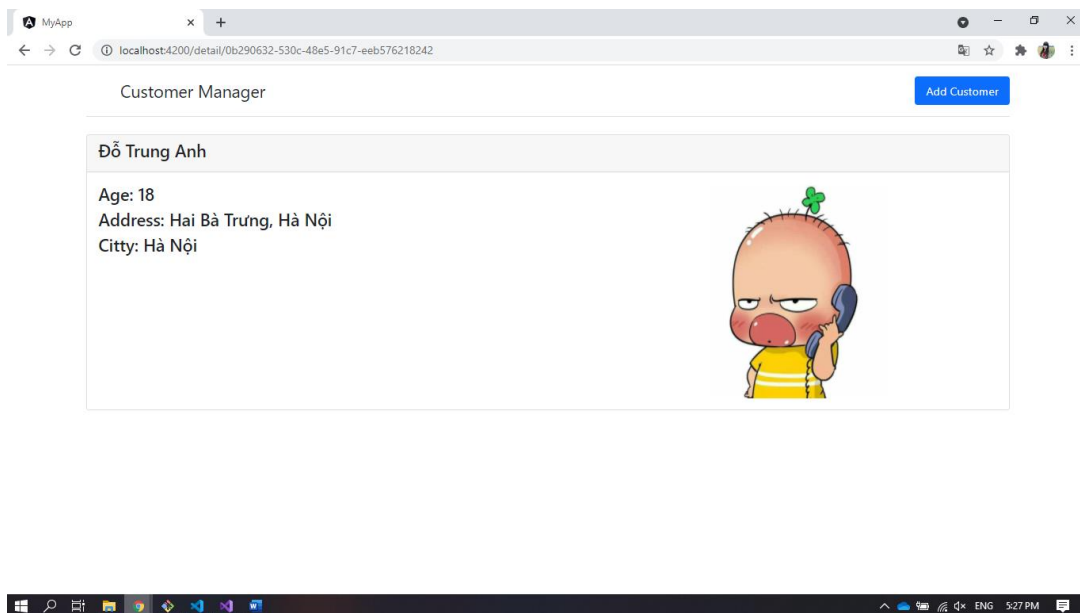If cick "submit" button will call http method PUT to change data on server.

Show success inform and redirect to the home page if the data change

Show error inform if response is bad request.

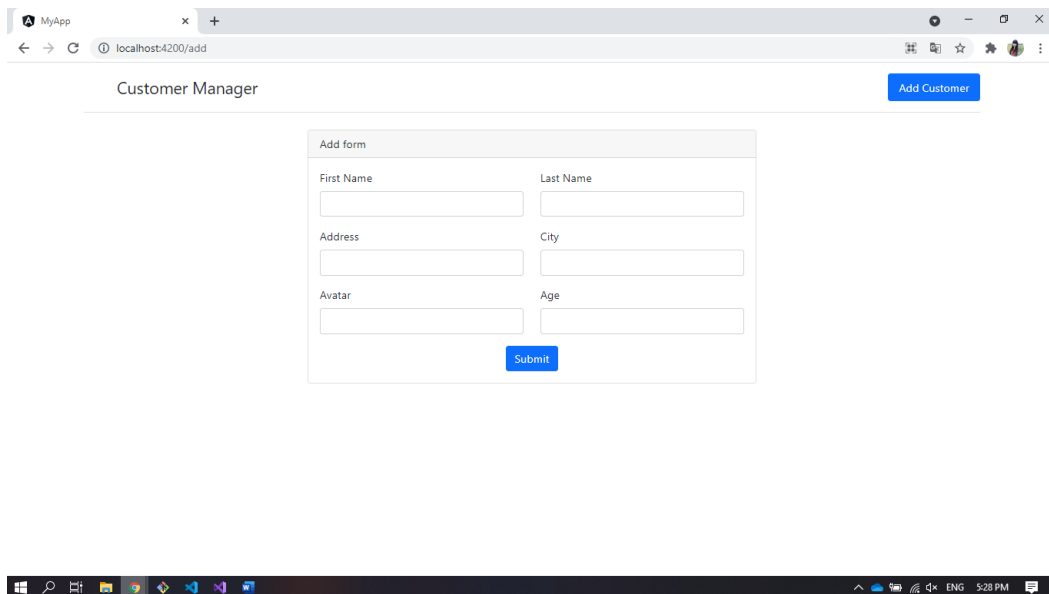**d. If click button "ViewDetail" will redirect to page**

http://localhost:4200/detail/:id

id is customer_id

e. If click button "Add Customer" will redirect to page

http://localhost:4200/add

Validate form with

+) First Name is required, min length =3

+) Last Name is required, min length =3

+) Address is requried,min length=10, max length=500

+) City is required, min length=3

+) Avatar is required

Click "Submit" to post data to server, check response, if data have saved successfully on server then show success inform and redirect to the home page, else show an error.