Module 6: RxJS and HttpClient

Assignment 1 – Fetch data from API using HttpClient

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Assignment –1:

Problem Statement

Use service and component created in previous assignment to fetch data from public API using HttpClient. Use observables and subscribe data in the component.
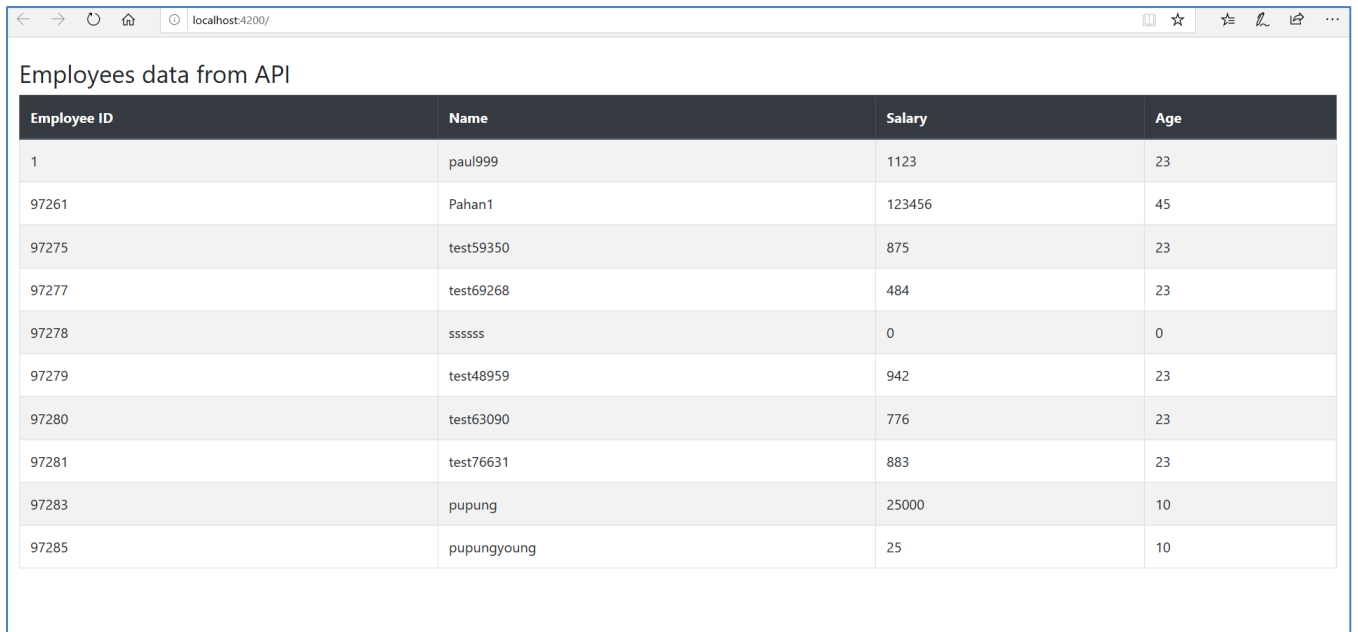
We will use below API to fetch data:

API URL - http://dummy.restapiexample.com/api/v1/employees

Perform the following operations to build the application:

1. In the service created, add the API URL

2. Add HttpClientModule to app.module.ts

3. Inject HttpClient library into the newly created service and create an instance of this via a constructor

4. Create a method to get data from API. Also, import observable and use it as return type in method

5. Call this service method from newemployee.component.ts file and subscribe to it

6. Bind data received from the service to newemployee.component.html using *ngFor

7. Make use of Bootstrap to design the application.

Here is an example of how your application should look:

Employees data from API

Employee ID	Name	Salary	Age
1	paul999	1123	23
97261	Pahan1	123456	45
97275	test59350	875	23
97277	test69268	484	23
97278	sssss	0	0
97279	test48959	942	23
97280	test63090	776	23
97281	test76631	883	23
97283	pupung	25000	10
97285	pupungyoung	25	10

After building the application, prepare a ZIP file of the application code and upload it on LMS in Assignment solution section for evaluation.

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