**Section2 Angular Project with Components**

**1-to install the Firebase with message that will show when login , logout**

npm install angularfire2 angular2-flash-message firebase --save

**2-you see that the Fire Base library and the Firebase Flash Message was installed and appear under the package. Json**

{"name": "my-app",

"version": "0.0.0",

"scripts": {

"ng": "ng",

"start": "ng serve",

"build": "ng build",

"test": "ng test",

"lint": "ng lint",

"e2e": "ng e2e"},

"private": true,

"dependencies": {

"@angular/animations": "^6.0.3",

"@angular/common": "^6.0.3",

"@angular/compiler": "^6.0.3",

"@angular/core": "^6.0.3",

"@angular/forms": "^6.0.3",

"@angular/http": "^6.0.3",

"@angular/platform-browser": "^6.0.3",

"@angular/platform-browser-dynamic": "^6.0.3",

"@angular/router": "^6.0.3",

//we see that the Firebase and the Angular-Fire was installed on the project

"angular2-flash-messages": "^2.0.5",

"angularfire2": "file:node\_modules/angularfire2",

"core-js": "^2.5.4",

"firebase": "file:node\_modules/firebase",

"rxjs": "^6.0.0",

"zone.js": "^0.8.26"},

"devDependencies": {

"@angular/compiler-cli": "^6.0.3",

"@angular-devkit/build-angular": "~0.6.6",

"typescript": "~2.7.2",

"@angular/cli": "~6.0.7",

"@angular/language-service": "^6.0.3",

"@types/jasmine": "~2.8.6",

"@types/jasminewd2": "~2.0.3",

"@types/node": "~8.9.4",

"codelyzer": "~4.2.1",

"jasmine-core": "~2.99.1",

"jasmine-spec-reporter": "~4.2.1",

"karma": "~1.7.1",

"karma-chrome-launcher": "~2.2.0",

"karma-coverage-istanbul-reporter": "~2.0.0",

"karma-jasmine": "~1.1.1",

"karma-jasmine-html-reporter": "^0.2.2",

"protractor": "~5.3.0",

"ts-node": "~5.0.1",

"tslint": "~5.9.1"

}}

**Install Firebase 2 on Angular Project**

**1-go to the CMD 🡺 cd Desktop/HRPro/my-app/node-modules**

**2-write the following code on the CMD**

**npm install angularfire2 firebase –save**

**3-on the Angular Project 🡺 src 🡺 environment 🡺 environment. Ts**

**4-write the following code that have the connection settings to the Firebase Database**

export const environment = {

production: false,

firebase: {

apiKey: 'AIzaSyB0piCRiN-f3n74GSx-D\_112s-ANgE9J38',

authDomain: 'employeeproject-94948.firebaseapp.com',

databaseURL: 'https://employeeproject-94948.firebaseio.com',

projectId: 'employeeproject-94948',

storageBucket: 'employeeproject-94948.appspot.com',

messagingSenderId: '5473669326'

}

};

**5-on the app-module.ts write the following code**

import { BrowserModule } from '@angular/platform-browser';

import { NgModule } from '@angular/core';

import { AppComponent } from './app.component';

import { EditPersonComponent } from './components/edit-person/edit-person.component';

import { AddPersonComponent } from './components/add-person/add-person.component';

import { NavbarComponent } from './components/navbar/navbar.component';

import { PersonComponent } from './Components/person/person.component';

import { PersonsComponent } from './Components/persons/persons.component';

import { HomeComponent } from './Components/home/home.component';

import { AngularFireModule } from 'angularfire2';

import { AngularFirestoreModule } from 'angularfire2/firestore';

import { AngularFireStorageModule } from 'angularfire2/storage';

import { AngularFireAuthModule } from 'angularfire2/auth';

import{RouterModule,Route, Router} from '@angular/router';

//we insert the environment on the app.module

import { environment } from '../environments/environment';

const appRoutes = [

{path:"",component:HomeComponent},

{path:"persons",component:PersonsComponent},

{path:"person",component:PersonComponent},

{path:"add-person",component:AddPersonComponent},

{path:"edit-person",component:EditPersonComponent}

]

@NgModule({

declarations: [

AppComponent,

EditPersonComponent,

AddPersonComponent,

NavbarComponent,

PersonComponent,

PersonsComponent,

HomeComponent

],

imports: [

BrowserModule,

RouterModule.forRoot(appRoutes),

// we import that the initialize connection to the database

AngularFireModule.initializeApp(environment.firebase),

// imports firebase/firestore, only needed for database features

AngularFirestoreModule,

// imports firebase/auth, only needed for auth features,

AngularFireAuthModule,

// imports firebase/storage only needed for storage features

AngularFireStorageModule

],

providers: [],

bootstrap: [AppComponent]

})

export class AppModule { }