https://coursetro.com/posts/code/113/How-to-Build-an-Angular-5-Material-App

Installation

ng new ng5-material

npm install @angular/material @angular/cdk –save

npm install @angular/animation –save

Material Module

after install animation we need to import it in app.module

import { BrowserAnimationsModule } from './@angular/platform-browser/animations';

now, import material component that we want to use in our project

by creating a file named material.module.ts in app folder

Angular Material Theme

after import material module to app.module, next step is to include an angular material theme,

theme will provide a set of predefined colors which applies to material design components

in style.css @import "~@angular/material/prebuilt-themes/indigo-pink.css";

install hammer js for full gesture support

then import with npm or install with npm hammer js, because some of the components require this for full feature support for in terms of gestures

npm install –save hammer js

and import hammer js in app entry point, main.ts

import ‘hammerjs’

import icon in source index.html from google api

<link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel="stylesheet">

installation on chart js

npm g s weather

npm install chart.js –save

create a service and import https…

import { HttpClient, HttpHeaders } from '@angular/common/http';

import 'rxjs/add/operator/map';

and in constructor to create an instance of http client

constructor(private \_http: HttpClient) { }

then finally create a method to return dailyForecast

import service in app.module and add as provider

also import HttpClientModule