1. Create your project folder
2. Now we can create our virtual environment 🡺 (python -m venv myenv)
3. Then activate the VE 🡺 (.\myenv\Scripts\activate)
4. Then install Django 🡺 (pip install Django)
5. Then install Django 🡺 (pip install djangorestframework)
6. Create Django project 🡺 (django-admin startproject backend)
7. Create app in django project 🡺 (python manage.py startapp app)
8. Go to setting .py and add app to instulled\_App and same for rest\_framework
9. To merge angular with django you should install in django 🡺 pip install django-cors-headers

Then add it to app in setting.py as follow:  
INSTALLED\_APPS = [

'corsheaders',

]

Then add it to middleware :

MIDDLEWARE = [

'corsheaders.middleware.CorsMiddleware',

]

Then add the follow in setting.py 🡺 CORS\_ORIGIN\_ALLOW\_ALL = True

1. Pip install djangorestframework\_simplejwt and add (rest\_framework\_simplejwt )to ainstalled\_App
2. Create your angular frontend (ng new frontend)
3. Go to frontend/src/environment/environment.ts and add (baseUrl : "http: //localhost: 8000/") to integrate angular with django
4. Create component of login in angular 🡺 (ng generate component component/login)
5. Go to app.component.html and put

<div class="main-container">

  <router-outlet></router-outlet>

</div>

1. Go to app-routing.module.tr to assign path of login component   
   import{LoginComponent} from "./components/login/login.component"  
   const routes:Routes = [{path: 'login', component: LoginComponent},]
2. If you want to change the initialization of the ip instead of <http://localhost:4200> to be <http://localhost:4200/GMDC> you can go to angular.json to baseHref and assign 🡺 "baseHref":"/GMDC/"
3. To create service that can help you to inject your api from backend you can use   
   (ng generate service service/login)

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

then inject in contractor 🡺 private http: HttpClient,

  loginUser(user: User){

    return this.http.post('http://localhost:8000/signup', user)

  }

1. To install bootstrap  
   npm install bootstrap  
   then go to file angular.json and add the follow at line 32

           "styles": [

              "src/styles.scss",

              "node\_modules/bootstrap/dist/css/bootstrap.min.css"

            ],

            "scripts": ["node\_modules/bootstrap/dist/js/bootstrap.min.js"]