

Expand your Frontiers in High Technical Skills and Public Speaking

Intellectual Output 3

VR App

Installation Manual

V1.0

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Excellent Public Speaking - VR App

Installation Manual

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Contents

- Source Code: 3
- Technology Platform..... 3
- Installation..... 3
 - PostgreSQL 3
 - .NET 6 4
 - Angular 4
 - Compiling Angular modules 6
 - Compiling RESTful Services 6
 - Configure IIS 6

Source Code:

Github

<https://github.com>

Username: ExcellentPublicSpeaking

Password: XXXXXXXXXXXX

Download existing code!

Technology Platform

- Node JS v.18.16.0
- Angular 14.3.0
- .NET 6
- PostgreSQL V14.1

Installation

PostgreSQL

- Create the database with a name *VREPS*.
- Run the *epscreatetables_insertdata.sql* script
 - creates the database tables and populate the database with the initial data such as countries data, types of speeches data, types of scenarios data, etc.
- Run the *epsdrop.sql* do reset database (delete all tables and data).

- Find the **appsettings.json** file on the Presentation Layer **PL** and update the "DefaultConnection" value.

```

1 {
2   "ConnectionStrings": {
3     "DefaultConnection": "Server=yourServerName;Username=DbUsername;Database=YourDbName;Port=5432;Password="
4   },
5   "EPPlus": {
6     "ExcelPackage": {
7       "LicenseContext": "OpenSource"
8     }
9   },
10  "Logging": {
11    "LogLevel": {
12      "Default": "Information",
13      "Microsoft.AspNetCore": "Warning"
14    }
15  },
16  "Jwt": {
17    "Key": "chave autenticação customizavel",
18    "Issuer": "VR Issuer",
19    "Audience": "Speakers"
20  },
21  "AllowedHosts": "*"
22 }

```

Example:

Hostname = "http://eps-ipca.pt"; Username = "postgres"; Databasename = "YourDbName";
 Password = "yourDbPassword";

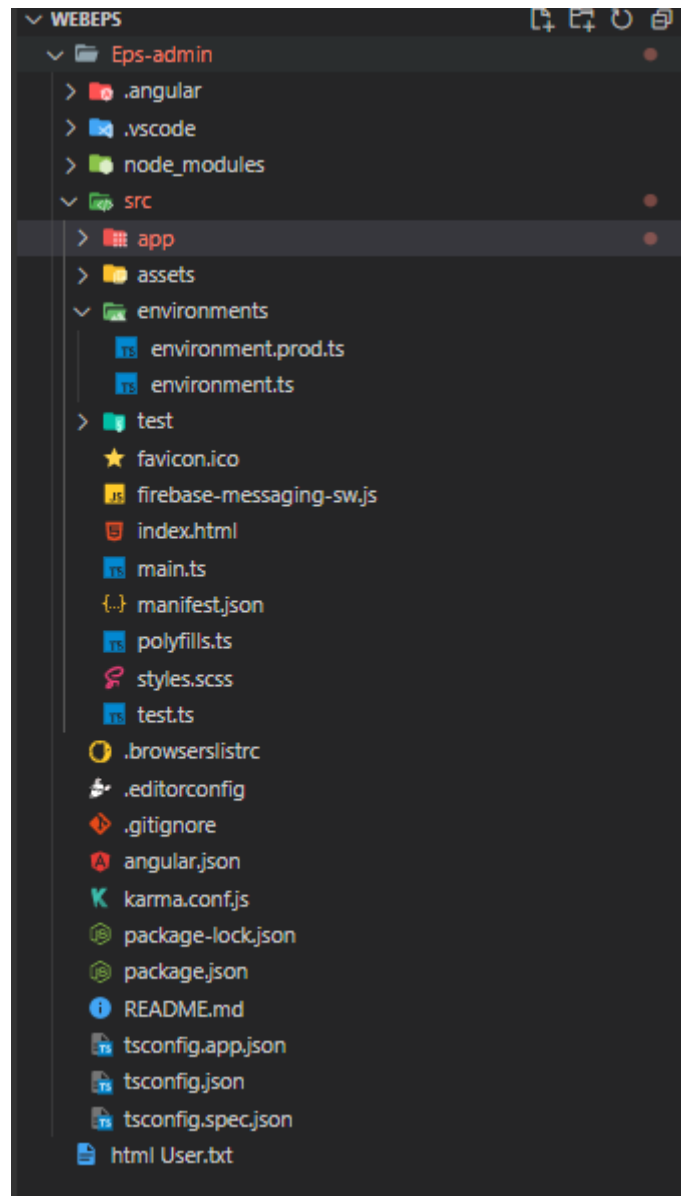
.NET 6

- Download and install *dotnet-sdk-6*.

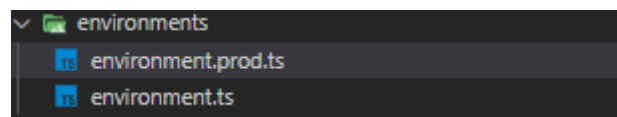
Angular

- Download and install Node Js v18.16.0 (<https://nodejs.org/en/download/>)
- Install *npm v9.5.1*
- install *angular v14.8.0*
- Command to install angular: *npm install -g @angular/cli*

Angular project Tree



- Go to file *environment.ts* and *environment.prod.ts* and change the host url or (API url) to the hosting server one:



```
environment.prod.ts M X environment.ts M
src > environments > environment.prod.ts > environment.ts
1 export const environment = {
2   production: true,
3   backend: {
4     host: 'http://eps.ipca.pt:80',
5   },
6   oauth: {
7     host: 'http://eps.ipca.pt:80',
8   }
9 };
```

Compiling Angular modules

*npm install --force - install the dependencies specified in the **package.json**.*

ng build --prod

Compiling RESTful Services

dotnet publish --configuration Release

Configure IIS

follow Server Administrator recommendations