# **Configuration Setup Document**

**Interview Management System**

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**Steps To Download the Project from GitHub :**

TeamAlpha01 Project Code Download Zip Extract All

**Pre-Requisites :**

1. **API**

* Visual Studio code
* Basic Knowledge in C#
* SQL Server
* SDK

1. **Angular**

* Visual Studio Code
* Node.js
* Basic Knowledge on HTML , CSS , TypeScript.
* For Angular CLI, we need to install npm by using **“npm install -g @angular/cli”** .

**1. API (Back-End)**

**1.1 Steps to be Taken to run the API**

* Open Extracted project Project Source InterviewManagementSystemAPI IMS.API and then in file path type "**cmd**",it will open command prompt and type "**code** .". It will open VS code

(or)

* Open VS code, File Open Folder Project Source InterviewManagementSystemAPI IMS.API, It will open the Project in VScode.

* In **appsetting.json** ,change the server name in the **ConnectionString** with the server name of the local SQL Server.
* Then open terminal. To open terminal either use **Terminal New Terminal** (or) **control+shift+ ~**

* Then in terminal type "**dotnet build**".
* Then type "**dotnet ef migrations add (migration name)**"

Example: dotnet ef migrations add initial.

* To update database type "**dotnet ef database update**".
* To run the project type "**dotnet run**" .
* A localhost link will be generated (**Ex: https://localhost:7072**) , Click that link and it will navigate to chrome page and in url we have to type " /swagger" next to the available link. (**Ex : https://localhost:7072/swagger**).

**2. Angular (Front-End)**

**2.1 Steps to be Taken to run the Angular**

* In Extracted Project Source Angular IMS, and in path type "**cmd**", and it will open Command prompt and type "**code .**" . It will open **VScode .**

(or)

* Open VS code, File Open Folder Extracted Project Source Angular IMS, It will open the Project in **VScode**.

* Change the host id (URL) with your Swagger URL in app src Services Connection.Service.ts

* In command prompt, type "**npm i**" to install the pakages that are required for our project.
* After the packages have been installed give the command as "ng s -o" . It will open the Application's login page.

**Linting**

**Steps to be taken to Lint the Angular project :**

1. Open Angular project by Project Source Angular IMS.

1. The pakages that are dependent, will be installed by using the command “**npm i**” in terminal.
2. To install the package for linting, type “**ng add @angular-eslint/schematics”** in the terminal. It adds the file “**eslintrc.json**” in angular.
3. After installing the packages, run linting by using “**ng lint”**.
4. Add **"@angular-eslint/no-empty-lifecycle-method": "off"** in eslintrc.json file, to skip the errors that are occurred due to default lifemethod,
5. Some Errors can be automatically fixed by default. To fix those linting errors run **ng lint --fix** .