**PROJECT MANUAL DOCUMENT**

**Profile Management System**

**GitHub account name :**

AspireTeamGenesis (<https://github.com/AspireTeamGenesis>)

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

AspireTeamGenesis --> Profile\_Management --> Code --> Download Zip --> Extract All

**Pre-Requisites:**

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

2. 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 followed to run the API**

* Open Extracted Profile\_Management --> Source --> PMS.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 --> Profile\_Management --> Source --> PMS.API, it will open the Project in VScode.
* In appsetting.json, change the server name in the Connection String 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)".

(Ex: 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:7021), 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:7021/swagger).

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

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

* Open Extracted Profile\_Management --> Source --> New Angular and then 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 Profile\_Management --> Source --> New Angular, 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 packages 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.

**3. Linting**

**3.1 Steps to be followed to Lint the Angular project:**

* Open the extracted Profile\_Management --> Source --> New Angular.
* The pakages that are dependent, will be installed by using the command "npm i" in terminal.
* To install the Package for linting, type "ng add @angular-eslint/schematics" in the terminal. It adds the file "eslintrc.json" in angular.
* After installing the packages, run linting by using the command "ng lint".
* To skip the errors that are occurred due to default life method, add "@angular-eslint/no-empty-lifecycle-method": "off" in eslintrc.json file.
* Some Errors can be automatically fixed by default. To fix those linting errors run ng lint --fix .