

SetUp Instructions

Project Setup Instructions

This project consists of two independent applications:

1. Backend: ASP.NET Core Web API
2. Frontend: Angular Web Application

Backend Setup (ASP.NET Core Web API)

Step 1: Open Backend Solution

Navigate to the backend project folder.
Open the .sln file using Visual Studio
or open the folder in VS Code.

Step 2: Configure Database Connection

Open the appsettings.json file in the ASP.NET Core Web API project and verify the following configurations.

```
"JwtSettings": {  
    "Issuer": "HealthInsuranceApi",  
    "Audience": "HealthInsuranceApiUsers",  
    "SecretKey": "THIS_IS_A VERY_SECURE_SECRET_KEY_12345",  
    "TokenExpiryMinutes": 60  
}  
"ConnectionStrings": {  
    "DefaultConnection":  
        "Server=(localdb)\\MSSQLLocalDB;Database=HealthInsuranceDB10;Trusted_Connection=True;"  
}  
"Logging": {  
    "LogLevel": {  
        "Default": "Information",  
        "Microsoft.AspNetCore": "Warning"  
    }  
},  
"AllowedHosts": "*"
```

Step 3: Apply Database Migrations

Open Package Manager Console or terminal and run:

`dotnet ef migrations add InitialCreate`

`dotnet ef database update`

This will create the database and required tables.

NOTE: Kindly remove the foreign key

`FK_CustomerProfiles_AgentProfiles_AgentProfileId` from `CustomerProfiles` Table in the database before execution of the application.

Step 4: Run Backend API

Press F5 or run:

`dotnet run`

Step 5: Verify API

Open Swagger UI in the browser

Frontend Setup (Angular)**Step 1: Open Frontend Project**

Navigate to the Angular project directory.

Open in VS Code.

Step 2: Install Dependencies

Run the following command:

npm install

Step 3: Run Angular Application

Start the development server:

ng serve

Default Admin Credentials

Username: admin

Password: Admin@123

(Pre-seeded during database initialization)