DotNet Task 2

Dotnet Task2

Create a **Web API Core application** with a static collection for an Employee.

1. **Employee Model** should have the following fields.
   - Id (mandatory)
   - Name (min 3 letters and max 30 letters)
   - Department
   - MobileNo (only 10 digits allowed)
   - Email (proper email id)
2. Apply **validations** in the above fields using Data Annotations.
3. **Create an API Controller** which contains all the methods like : get,post,put,patch,delete,head and options.
   - **Action Methods:**
     - GetEmployeeById()
     - GetAllEmployees()
     - GetEmployeesByDept()
     - AddEmployee()
     - UpdateEmployee()
     - DeleteEmployee()
     - UpdateEmployeeEmail()

     Use necessary http methods for the above action method.
4. Use **FromQuery, FromRoute,FromBody** for the above methods wherever is necessary for the above action methods.
5. Test it with swagger or postman with all the end points.
6. Finally, create a client Application using Console Application (.net framework)

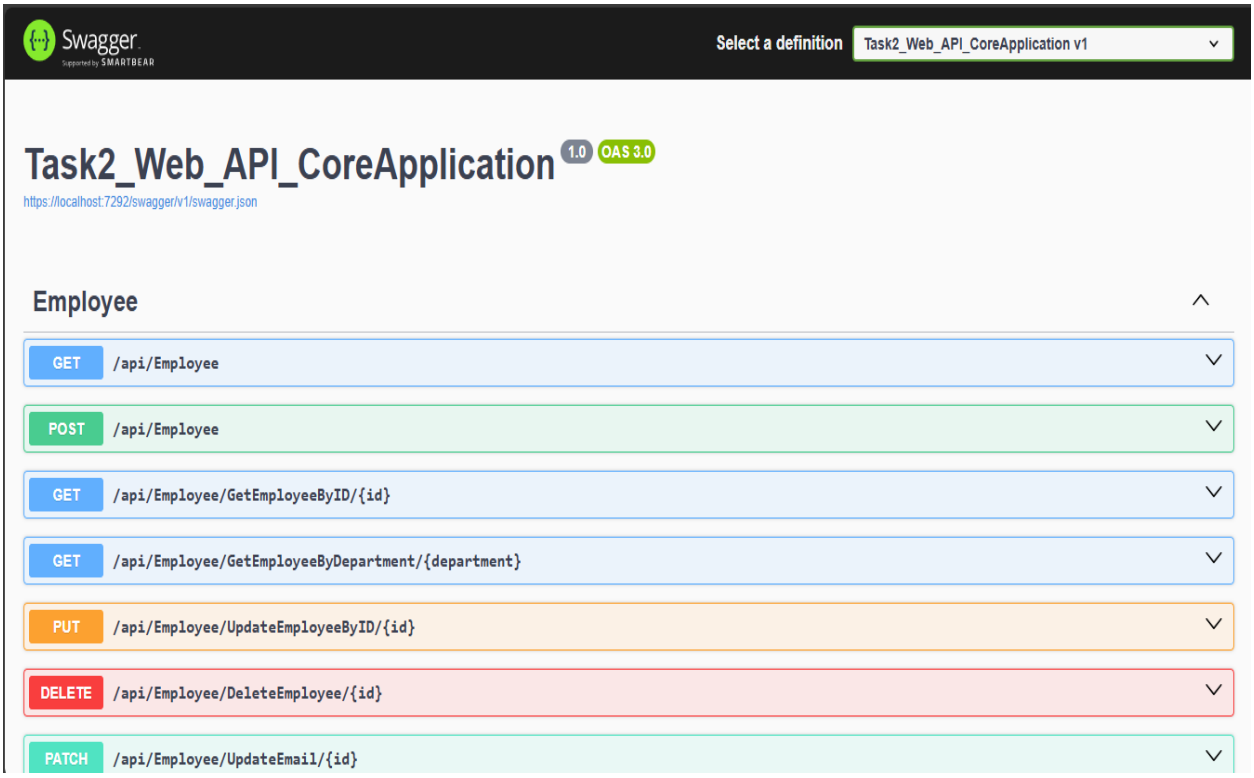
Note : Install the necessary **Nuget packages** and mention the namespaces used in both server and client applications.

ApplicationSide: https://github.com/mahesh-dotnet-pune/Task2_Web_API_CoreApplication.git

ClientSide: https://github.com/mahesh-dotnet-pune/Task2_ClientApplication.git

OUTPUT

Application Side:



Client Side Console: