Dafater Task Documentation

Expose APIs

Requirements: -

* Base URI ( For Example it should be <https://domain/> )

Employee Model

* ID (int)
* Name (string)
* FamilyName (string)
* Address (string)
* CountryOfOrigin (string)
* EMailAdress (string)
* Age (int)
* Hired (bool) – false if not provided.

There are Restful APIs and Views: -

# Restful APIs

Using Swagger at Endpoint  [{Base URI}/swagger/ui/index#/](https://localhost:44305/swagger/ui/index#/) to Fetch APIs Docs

Also you can use Post man to send request based on the following table: -

|  |  |  |  |
| --- | --- | --- | --- |
| Method | Desc | Sending PARAM | Received PARAM |
| Get ([/api/Employee](https://localhost:44305/swagger/ui/index#!/Employee/Employee_GetAllEmployees)) | Get All Employees | {} | [  {  "ID": 0,  "name": "string",  "familyName": "string",  "address": "string",  "countryOfOrigin": "string",  "email": "string",  "age": 0,  "hired": true  }  ,  {    "ID": 0,  "name": "string",  "familyName": "string",  "address": "string",  "countryOfOrigin": "string",  "email": "string",  "age": 0,  "hired": true  }  ] |
| POST ([/api/Employee](https://localhost:44305/swagger/ui/index#!/Employee/Employee_PostNewEmployee) ) | Create New Employee | {  "ID": 0,  "name": "string",  "familyName": "string",  "address": "string",  "countryOfOrigin": "string",  "email": "string",  "age": 0,  "hired": true  } | Response Code 200 |
| PUT ([/api/Employee](https://localhost:44305/swagger/ui/index#!/Employee/Employee_PostNewEmployee) ) | Update Excising Employee | {  "ID": 0,  "name": "string",  "familyName": "string",  "address": "string",  "countryOfOrigin": "string",  "email": "string",  "age": 0,  "hired": true  } | Response Code 200 |
| DELETE ([/api/Employee/{id}](https://localhost:44305/swagger/ui/index#!/Employee/Employee_Delete) ) | Delete by id | id | Response Code 200 |
| GET ([/api/Employee/{id}](https://localhost:44305/swagger/ui/index#!/Employee/Employee_GetEmployeeById) ) | Get By id | id | {  "ID": 0,  "name": "string",  "familyName": "string",  "address": "string",  "countryOfOrigin": "string",  "email": "string",  "age": 0,  "hired": true  } |

# Views of Employee

|  |  |
| --- | --- |
| API | Desc |
| /Employee | List All Employees |
| /Employee/Edit/{id} | Edit Employee By id |
| /Employee/Details/{id} | Details About Employee |
| /Employee/Create | Create New Employee |
| Delete From Employee Index | Delete Exciting Employee |

Note That: -

The Endpoint provided in the task pdf description desn’t work therefore I used another api to validate the country which is <https://documenter.getpostman.com/view/1134062/T1LJjU52#099737ff-f51e-491b-b32f-ab7ad9da89c3>   
<https://countriesnow.space/api/v0.1/countries/flag/images>