

Developer Manual For Run Project

Requirements:

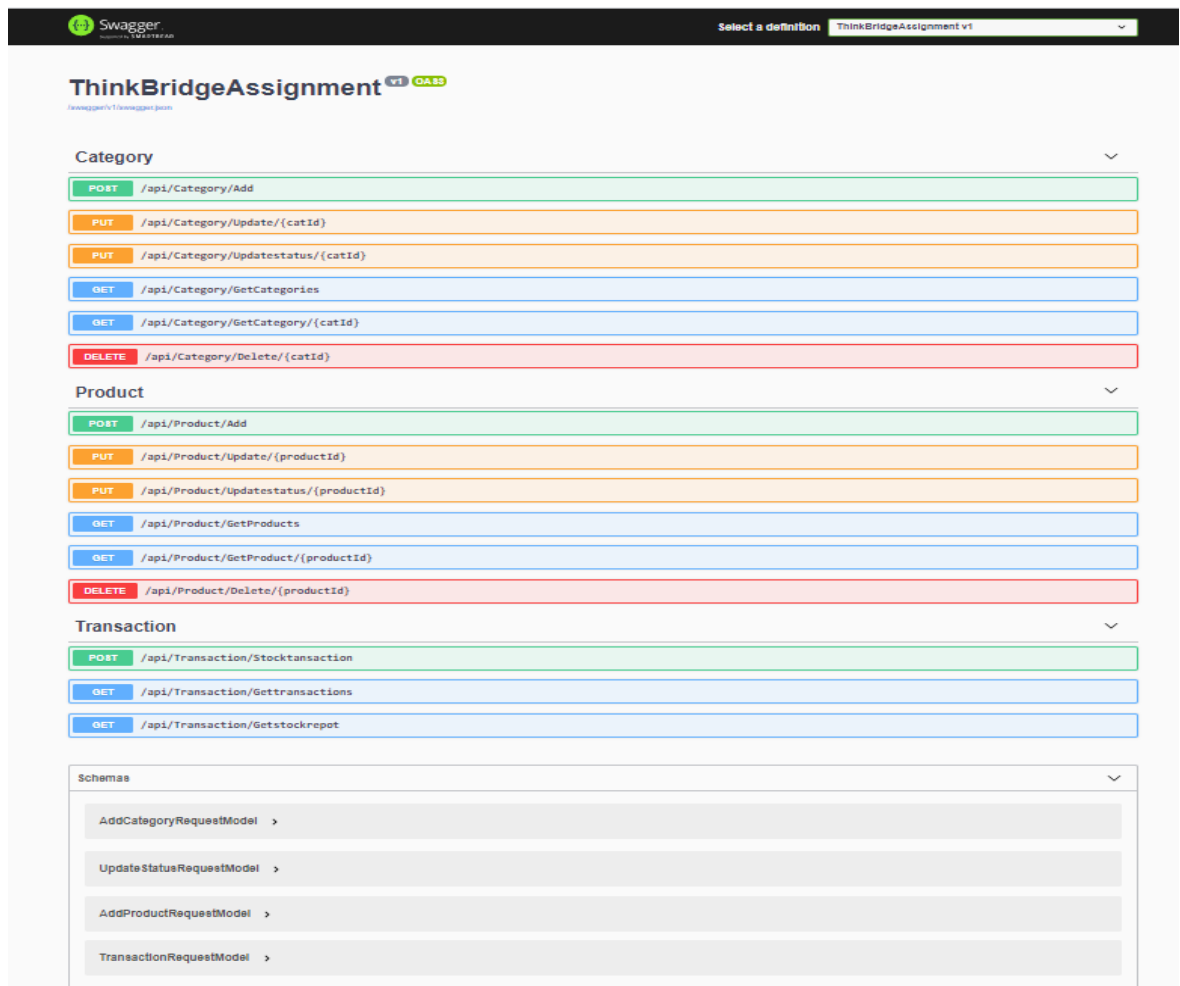
1. Visual Studio 2019, MS SQL Server,

Steps for Run:-

1. Select “**ThinkBridgeAssignment**” as start project.
2. Please configure connectionstring according to your system.
3. Run Application.
4. Check Database is created in database with all tables (Category,Product,Transaction,Stock).
5. Run Test cases for test the cases. (Try to run cases with proper parameters).

Screenshots For Successful Run:

1. Successful Load of project.



2. Use swagger or postman to test the actions which are created in different controllers.

Understanding Of Result Type:

1. Proper http status code are maintained according to result.
2. A proper formatted response body will be returned which will be easily understandable.

Server response

Code	Details
200	<p>Response body</p> <pre>{ "status": 1, "message": "Abc saved successfully", "data": null }</pre> <p>Response headers</p> <pre>content-type: application/json; charset=utf-8 date: Sat17 Apr 2021 11:41:51 GMT server: Microsoft-IIS/10.0 transfer-encoding: chunked x-powered-by: ASP.NET</pre>

Responses

Code	Description	Links
200	Success	No links

As above image we can see that response body which have and object with

```
{
  "status": 1,
  "message": "Abc saved successfully",
  "data": null
}
```

Here status will be 1 or 0. 1 for successful result and 0 for any error or invalid data.

Message provides a information about response.

Data will be null, or an object. While get request data will be published under data property.

Exception Handling:-

Proper exception handling is used for every request and validations. A common exception handling middleware used for unwanted exceptions.

Validation:-

Proper validations are used for data models. If data model is invalid validation errors will be published under data property in result.

400 Error: Bad Request

Undocumented

Response body

```
{
  "status": 0,
  "message": "Validation Failed",
  "data": [
    {
      "errorMessage": "Category Name Required"
    }
  ]
}
```

Response headers

```
content-length: 93
content-type: application/json; charset=utf-8
date: Sat17 Apr 2021 11:53:02 GMT
server: Microsoft-IIS/10.0
x-powered-by: ASP.NET
```

Responses

Note :

While calling In Transaction Controller type property will be “Add/Sale”.

Please feel free to connect with me for any query or help to run or test the application.

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