This project is to read and process movie details. There are tow controllers.

DataProcessController

DataReadController

In DataProcessController below are the endpoints with there output. (enums are mentioned at the end of file)

**Add Actor**

Graphical user interface, application

Description automatically generated

**Add Producer**

Graphical user interface, application

Description automatically generated

**Add Movie**

**Graphical user interface, text, application

Description automatically generated**

**Background pattern

Description automatically generated**

**In add movie payload poster variable expects byte array. Image we can convert to byte in ui application and send as byte array. (byte array must be valid).**

**Movie Endpoint has also fluent validation which will work like below screenshot  
Graphical user interface, application

Description automatically generated**

**Update endpoint don’t get only updated fields. Need to pass all the fields updated and old both.**

**To reduce extra validation conditions to check updated data keep logic like this.**

**Update Movie**

**Graphical user interface, text, application

Description automatically generated**

**Background pattern

Description automatically generated**

**Update ActorGraphical user interface, application

Description automatically generated**

**Graphical user interface, application

Description automatically generatedUpdate Producer**

**In DataReadController below are the endpoints with screenshot**

**Get Movies: It will return liast of all movies.**

**Graphical user interface

Description automatically generated**

**Get movie by id: Can use this when update movie ui will be in use**

**Graphical user interface, text, application

Description automatically generated**

**Graphical user interface, application

Description automatically generatedGet Actor:**

**Get Producer:**

**Graphical user interface, text, application

Description automatically generated**

**GetCrewNames: We can use this to get list of names by person type**

**Graphical user interface, text, application

Description automatically generated**

**These are the endpoints to read and process moviesite data.**

**SQL Setup:**

**Execute SQLScript.sql in sqlserver to setup database**

**Enums:**

enum Gender

{

Male, (0)

Female, (1)

Others (2)

}

enum PersonType

{

Actor, (0)

Producer (1)

}