**CLASS CREATED**

using System;

using System.Collections.Generic;

using System.ComponentModel.DataAnnotations;

using System.Linq;

using System.Threading.Tasks;

namespace BookApplication.Model

{

public class Books

{

[Key]

public int BookId { get; set; }

[Required]

public string BookName { get; set; }

[Required]

public string AuthorName { get; set; }

[Required]

public string RegTimeStamp { get; set; }

[Required]

public string BookCategory { get; set; }

[Required]

public string BookDescription { get; set; }

}

}

**DATABASE STRUCTURE**

USE [BooksDB]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Books] Script Date: 13/02/2022 19:01:59 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Books](

[BookId] [int] IDENTITY(1,1) NOT NULL,

[BookName] [varchar](50) NOT NULL,

[AuthorName] [varchar](50) NOT NULL,

[RepTimeStamp] [varchar](50) NOT NULL,

[BookCategory] [varchar](50) NOT NULL,

[BookDescription] [varchar](150) NOT NULL,

CONSTRAINT [pk\_BookId] PRIMARY KEY CLUSTERED

(

[BookId] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON, OPTIMIZE\_FOR\_SEQUENTIAL\_KEY = OFF) ON [PRIMARY]

) ON [PRIMARY]

GO

**DATABASE CONNECTION STRING IN appsettings.json**

"ConnectionStrings": {

"BookConnection": "Server=DESKTOP-K8LU447;Database=BooksDB;User Id=sa; Password=Jazlyn09;Trusted\_Connection=true;MultipleActiveResultSets=True;"

**NUGET PACKAGE INSTALLED**

**WEB API**

**Graphical user interface, text, application

Description automatically generated**

**ASP.NET MVC**

**Graphical user interface, text, application

Description automatically generated**

**OUTPUT**

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, application

Description automatically generated