Data Validation in Entity Framework

Data should be validated while we perform CRUD operations

Code Migration

using System;

using System.Collections.Generic;

**using System.ComponentModel.DataAnnotations;**

using System.Data.Entity;

using System.Linq;

using System.Web;

namespace WebApplication15.Models

{

public class Movie

{

public int Id { get; set; }

[Required(ErrorMessage ="Genre is required")]

[StringLength(10, ErrorMessage ="Maximum 10 characters can be added")]

[MinLength(6, ErrorMessage ="Min 6 characaters needed")]

public string Genre { get; set; }

[Required(ErrorMessage ="Name is must")]

[RegularExpression("[A-Z a-z]+", ErrorMessage ="Only alphabets allowed")]

public string Name { get; set; }

[Required(ErrorMessage ="Director Name is must")]

[RegularExpression("[A-Z a-z]+", ErrorMessage = "Only alphabets allowed")]

public string Director { get; set; }

[Required(ErrorMessage ="Release Year is Required")]

[Range(10,20, ErrorMessage ="Range should be in 10 - 20")]

public int ReleaseYear { get; set; }

[Required(ErrorMessage ="Password is must")]

[DataType(DataType.Password)]

public string Password { get; set; }

[Required(ErrorMessage ="Passsord is must")]

[Compare("Password", ErrorMessage ="Passwords do not match")]

public string ReTypePassword { get; set; }

[DisplayFormat(DataFormatString = "{0:yyyy-MM-dd}", ApplyFormatInEditMode=true)]

}

public class Movie2DbContext : DbContext

{

public DbSet<Movie> Movies {get; set; }

}

}