

```
1 using System;
2 using System.ComponentModel.DataAnnotations;
3 using System.ComponentModel.DataAnnotations.Schema;
4
5 namespace IT_Project_Management_System.Models
6 {
7     //Model used for Project information
8     public class Project
9     {
10         //Primary Key for the Project
11         public virtual int ProjectID { get; set; }
12
13         // User identifier for Project Manager
14         [Required(ErrorMessageResourceType = typeof(Resources.Resource),      ↗
15             ErrorMessageResourceName = "ProjectPMRequired")]
16         [ForeignKey("User")]
17         public int? UserID { get; set; }
18         [Display(Name = "ProjectPM", ResourceType = typeof      ↗
19             (Resources.Resource))]
20         public virtual User User { get; set; }
21
22         // Project key
23         [Required(ErrorMessageResourceType = typeof(Resources.Resource),      ↗
24             ErrorMessageResourceName = "ProjectKeyRequired")]
25         [Display(Name = "ProjectKey", ResourceType = typeof      ↗
26             (Resources.Resource))]
27         [MaxLength(3)]
28         public virtual string ProjectKey { get; set; }
29
30         //Name of the project
31         [Required(ErrorMessageResourceType = typeof(Resources.Resource),      ↗
32             ErrorMessageResourceName = "ProjectNameRequired")]
33         [Display(Name = "ProjectName", ResourceType = typeof      ↗
34             (Resources.Resource))]
35         [StringLength(100)]
36         public virtual string ProjectName { get; set; }
37
38         //Description of the project
39         [Required(ErrorMessageResourceType = typeof(Resources.Resource),      ↗
40             ErrorMessageResourceName = "ProjectDescriptionRequired")]
41         [Display(Name = "ProjectDescription", ResourceType = typeof      ↗
42             (Resources.Resource))]
43         [StringLength(200)]
44         public virtual string ProjectDescription { get; set; }
45
46         //The date the project started
47         [Required(ErrorMessageResourceType = typeof(Resources.Resource),      ↗
48             ErrorMessageResourceName = "ProjectStartDateRequired")]
49         [Display(Name = "ProjectStartDate", ResourceType = typeof      ↗
```