

```
1 using Microsoft.Data.SqlClient;
2 using System;
3 using System.Collections.Generic;
4 using System.ComponentModel.DataAnnotations;
5 using System.Linq;
6 using System.Threading.Tasks;
7
8 namespace WebApplication6.Models
9 {
10     public class Payment
11     {
12         [Key]
13         public int Id { get; set; }
14         [Required(ErrorMessage = "Required")]
15         public string BorT { get; set; }
16
17         [Required(ErrorMessage = "Required")]
18         public string Supplier { get; set; }
19         [Required(ErrorMessage = "Required")]
20         public string Type { get; set; }
21         [Required(ErrorMessage = "Required")]
22         public string Name { get; set; }
23         [Required(ErrorMessage = "Required")]
24         public string AccountNo { get; set; }
25
26         [Required(ErrorMessage = "Required")]
27         [MaxLength(1)]
28         public string Frequency { get; set; }
29
30         [Required(ErrorMessage = "Required")]
31
32         public DateTime DueDate { get; set; }
33
34         [Required(ErrorMessage = "Required")]
35
36         public decimal Amount { get; set; }
37
38         public int UserId { get; set; }
39
40         public DateTime TransDate { get; set; }
41
42         public DateTime EffectiveDate { get; set; }
43
44         [MaxLength(6)]
45         public string BSBNo { get; set; }
46
47         public decimal abu { get; set; }
48
49
50         public decimal bu { get; set; }
51
52         [MaxLength(6)]
53         public string Status { get; set; }
54
55         public DateTime ProcessDate { get; set; }
56
```

```
57     [MaxLength(6)]
58     public string ProcessBy { get; set; }
59
60     public decimal Calcbu()
61     {
62
63         bu = (decimal)(4.2 * Convert.ToDouble(Amount) / 12);
64
65         return bu;
66
67     }
68
69
70
71     public List<Payment> FetchAll()
72
73     {
74         List<Payment> returnList = new List<Payment>();
75
76         using (SqlConnection con = new SqlConnection("Server =           ↗
77             tcp:webapplication6dbserver.database.windows.net,1433;Initial   ↗
78             Catalog = Transfer;Persist Security Info = False ;User ID =   ↗
79             RArch@webapplication6dbserver.onmicrosoft.com; Password =     ↗
80             Zhongguo9911@@@;MultipleActiveResultSets=False;Encrypt=True;Tru ↗
81             stServerCertificate=False"))
82
83     {
84         SqlCommand command = new SqlCommand("SELECT * FROM Payments", ↗
85             con);
86
87         con.Open();
88
89         SqlDataReader reader = command.ExecuteReader();
90
91         if (reader.HasRows)
92         {
93             while (reader.Read())
94             {
95                 Payment newpayment = new Payment();
96                 newpayment.Id = reader.GetInt32(0);
97                 newpayment.BorT = reader.GetString(1);
98                 newpayment.Supplier = reader.GetString(2);
99                 newpayment.Type = reader.GetString(3);
100
101                 returnList.Add(newpayment);
102
103             }
104
105         }
106     }
```

```
107         return returnList;
108
109
110
111     }
112
113 }
114 }
115 }
```