Checkin 3

Here is my repository: https://github.com/christopherhardamek/Banksystem_final

#Pic1

```
52
53
54    @foreach(var item in from a in Bank.Accounts
55                          select new
56                          {
57                              Name = a.Owner.Name,
58                              Balance = a.Owner.CheckingBalance
59                              //Balance = a.Owner.CheckingBalance,
60                          })
61    {
62        <span> @item.Name has a Balance of @item.Balance </span><br/>
63    }
64
65
```

This is a Query expressions request. I have a list of Accounts. In the list is there some information, e.g., Balance and Name. Line 54 is a foreach loop and it should look in the Bank-. Accounts list. In line 55 I need to say which I want. Line 57 & 58. I give the values from the list to values of the Query expression. In Line 62 I give the values out.

On the Index.razor site, you can create the Customer. The customer gets created and save automatically. On this page, there is a list of all Accounts which exists in the file "accounts.json". The accounts are highlighted mean you can click on the name. After clicking you   will   forward   to   another   page.

After clicking you came to the Account Information page. On this page, you can see all the Account Information about this account, which did you clicked. On this page, you have 2 options to do. The first option is you can Withdraw until $-500, or you can Pay in Funds, how much money do you have.

There is an option where you can create a savings account. When create you see the value of the Saving account.

Everything gets logged now. When the user pays in funds or is withdrawn, it will be logged. All Logs you can see in the root folder there is a file logs.json.

```csharp
  4     namespace Banksystem;
        8 references
  5     public class logging
  6     {
            7 references
  7         static public List<string> logs { get; set; } = new();
  8

            1 reference
  9         public static void LoadLog()
 10         {
 11             if (File.Exists("../logs.json"))
 12             {
 13                 var json = File.ReadAllText("../logs.json");
 14                 logs = JsonSerializer.Deserialize<List<string>>(json);
 15             }
 16             else
 17             {
 18  💡             logs = new List<string>();
 19                 var json = JsonSerializer.Serialize(logs);
 20                 File.WriteAllText("../logs.json", json);
 21             }
 22         }
            4 references
 23         public static void Savelog()
 24         {
 25             var json = JsonSerializer.Serialize(logs);
 26             File.WriteAllText("../logs.json", json);
 27         }
 28     }
```

I added the function Logging in the program. Each activity will be logged by this function. In both methods, I use the List. The method LoadLog() is responsible to read the logs.json and initializing it on the page Accounts.razor. The Savelog() is responsible for saving all value that it gets. The List<string> logs is a list of the data striing. In the list are all entries for the Account. The LoadLog() reads the file and saves it again in the List<string> Accounts until the program gets to stop. Without this, wouldn't work the Program, because the memory gets deleted after each stop.

Now I want on the Account.razor that each activity will be logged and just the user which activity he has and not for someone else. I stuck right now there. I will keep researching it. Then is there a logical error in the method Withdrawn and Pay in funds