

DBMS PROJECT TASK-2

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1-) As you said my Project is totally correct. I do not have any corrections.

2-)

The image consists of three vertically stacked screenshots of Microsoft SQL Server Management Studio (SSMS) showing the creation of three tables: Customer, Product, and Category. Each screenshot shows the Object Explorer on the left and the Table Designer on the right.

Customer Table (Screenshot 1):

Column Name	Data Type	Allow Nulls
Br_ID	int	<input type="checkbox"/>
Br_Name	nvarchar(50)	<input checked="" type="checkbox"/>
Br_Address	nvarchar(50)	<input checked="" type="checkbox"/>
Br_Phone	int	<input checked="" type="checkbox"/>

Category Table (Screenshot 2):

Column Name	Data Type	Allow Nulls
Ctgry_ID	int	<input type="checkbox"/>
Ctgry_Name	nvarchar(50)	<input checked="" type="checkbox"/>
Ctgry_Color	nchar(10)	<input type="checkbox"/>

Customer Table (Screenshot 3):

Column Name	Data Type	Allow Nulls
Cus_ID	int	<input type="checkbox"/>
Cus_Fname	nvarchar(50)	<input checked="" type="checkbox"/>
Cus_Lname	nvarchar(50)	<input checked="" type="checkbox"/>
Cus_Gender	nchar(10)	<input type="checkbox"/>

In all three screenshots, the 'Identity Specification' section of the Column Properties pane is expanded, showing the following settings:

- Has Non-SQL Server Subscriber: No
- Is Identity: Yes
- Identity Increment: 1
- Identity Seed: 200
- Is Columnset: No
- Identity Seed: 100 (only visible in the bottom screenshot)

DESKTOP-GFIVNOP\SQLEXPRESS.Supermarket - dbo.Table_1DESKTOP-GFIVNOP\SQLEXPRESS.Supermarket - dbo.Product - Microsoft SQL Server Management Studio

File Edit View Project Table Designer Tools Window Help

Execute

Object Explorer

Column Name Data Type Allow Nulls

Pro_ID	int	<input type="checkbox"/>
Pro_Name	nvarchar(50)	<input checked="" type="checkbox"/>
Ctgry_ID	int	<input type="checkbox"/>

Column Properties

Full-text Specification
Has Non-SQL Server Subscriber No

Identity Specification
(Is Identity) Yes
Identity Increment Yes
Identity Seed 1
Identity Collation 400

Indexable Yes

Identity Seed

DESKTOP-GFIVNOP\SQLEXPRESS.Supermarket - dbo.Table_1DESKTOP-GFIVNOP\SQLEXPRESS.Supermarket - dbo.Worker - Microsoft SQL Server Management Studio

File Edit View Project Table Designer Tools Window Help

Execute

Object Explorer

Column Name Data Type Allow Nulls

Work_ID	int	<input type="checkbox"/>
Work_Fname	nvarchar(50)	<input checked="" type="checkbox"/>
Work_Lname	nvarchar(50)	<input checked="" type="checkbox"/>
Work_Phone	int	<input checked="" type="checkbox"/>
Work_Gender	nchar(10)	<input type="checkbox"/>

Column Properties

Has Non-SQL Server Subscriber No

Identity Specification
(Is Identity) Yes
Identity Increment Yes
Identity Seed 1
Identity Collation 300

Indexable Yes

Is Columnset No

Identity Seed

DESKTOP-GFIVNOP\SQLEXPRESS.Supermarket - dbo.Table_1DESKTOP-GFIVNOP\SQLEXPRESS.Supermarket - dbo.Enroll1 - Microsoft SQL Server Management Studio

File Edit View Project Table Designer Tools Window Help

Execute

Object Explorer

Column Name Data Type Allow Nulls

Enroll_ID	int	<input type="checkbox"/>
Br_ID	int	<input type="checkbox"/>
Pro_ID	int	<input checked="" type="checkbox"/>

Column Properties

DTS-published No

Full-text Specification
Has Non-SQL Server Subscriber No

Identity Specification
Indexable No
Is Columnset Yes
Is Sparse No

(General)

Microsoft SQL Server Management Studio

File Edit View Project Table Designer Tools Window Help

New Query Execute

Object Explorer

Column Name Data Type Allow Nulls

Enroll1_ID	int	<input type="checkbox"/>
Cus_ID	int	<input checked="" type="checkbox"/>
Pro_ID	int	<input checked="" type="checkbox"/>

Column Properties

Has Non-SQL Server Subscriber No

Identity Specification Yes

Is Identity Yes

Identity Increment 2

Identity Seed 1

Indexable Yes

Is Columnset No

Identity Increment

3-)

File Edit View Project Build Debug Test Analyze Tools Extensions Window Help Search (Ctrl+Q) EnesFaruk_180201073

DataSet1.cs* Form1.cs [Design]

Solution Explorer

Customer Branch Worker

Enroll1 Enroll2 Product Category

Properties DataSet1 DataSet1

CaseSensitive False

EnforceConstrain True

Hierarchical Upd. True

Locale Turkish (Turkey)

Modifier Public

Name DataSet1

Namespace http://tempuri.org/D

Prefix SchemaSerializat IncludeSchema

Error List

Entire Solution 0 Errors 0 Warnings 0 Messages Build + IntelliSense Search Error List Add to Source Control

```

    graph TD
        Customer[Customer] --- CustomerTableAdapter[CustomerTableAdapter]
        Branch[Branch] --- BranchTableAdapter[BranchTableAdapter]
        Worker[Worker] --- WorkerTableAdapter[WorkerTableAdapter]
        Enroll1[Enroll1] --- Enroll1TableAdapter[Enroll1TableAdapter]
        Enroll2[Enroll2] --- Enroll2TableAdapter[Enroll2TableAdapter]
        Product[Product] --- ProductTableAdapter[ProductTableAdapter]
        Category[Category] --- CategoryTableAdapter[CategoryTableAdapter]

        CustomerTableAdapter --> Customer
        BranchTableAdapter --> Branch
        WorkerTableAdapter --> Worker
        Enroll1TableAdapter --> Enroll1
        Enroll2TableAdapter --> Enroll2
        ProductTableAdapter --> Product
        CategoryTableAdapter --> Category
    
```

4-)

The image consists of three vertically stacked screenshots of a Windows application in Microsoft Visual Studio. Each screenshot shows a form titled "Supermarket" with a tab bar at the top. The tabs are: Branch, Customer, Product, Category, Worker, Enroll1, and Enroll2. The first screenshot shows a table with columns Br_ID, Br_Name, Br_Address, Br_Phone, Cus_ID, and Work_ID. The second screenshot shows a table with columns Pro_ID, Pro_Name, and Ctgry_ID. The third screenshot shows a table with columns Cus_ID, Cus_Fname, Cus_Lname, and Cus_Gender. Each table has an "Add" button below it. The forms also feature "Search", "Update", and "Delete" buttons. The Visual Studio interface includes a Solution Explorer, Properties window, and Error List.

DataSet1.cs Form1.cs [Design]

Supermarket

Branch Customer Product Category Worker Enroll1 Enroll2

Ctgy_ID	Ctgy_Name	Ctgy_Color
*		

ID
Category Name Add
Category Color

Search Update Delete

Solution Explorer

- EnesFuruk_180201073
 - Properties
 - References
 - App.config
 - DataSet1.xsd
 - DataSet1.cs
 - DataSet1.xsc
 - DataSet1.xss
 - Form1.cs
 - Program.cs

Properties

Supermarket System.Windows.Form

MinimumSize 0; 0
Opacity 100%
Padding 0; 0; 0; 0
RightToLeft No
RightToLeftLayout False
ShowIcon True
ShowInTaskbar True
Size 1513; 742

DataSet1.xsd Form1.cs [Design]

Supermarket

Branch Customer Product Category Worker Enroll1 Enroll2

Enroll_ID	Br_ID	Pro_ID
*		

Br_ID Add
Pro_ID

Search Update Delete

Solution Explorer

- EnesFuruk_180201073
 - Properties
 - References
 - App.config
 - DataSet1.xsd
 - DataSet1.cs
 - DataSet1.xsc
 - DataSet1.xss
 - Form1.cs
 - Program.cs

Properties

tabControl1 System.Windows.Forms

MaximumSize 0; 0
MinimumSize 0; 0
Modifiers Private
Multiline False
Padding 6; 3
RightToLeft No
RightToLeftLayout False
ShowToolTips False
Size 1094; 608
SizeMode Normal
TabIndex 0
TabPages (Collection)

DataSet1.xsd Form1.cs [Design]

Supermarket

Branch Customer Product Category Worker Enroll1 Enroll2

Work_ID	Work_Fname	Work_Lname	Work_Phone	Work_Gender
*				

ID
First Name
Last Name Add
Phone Number
Gender

Search Update Delete

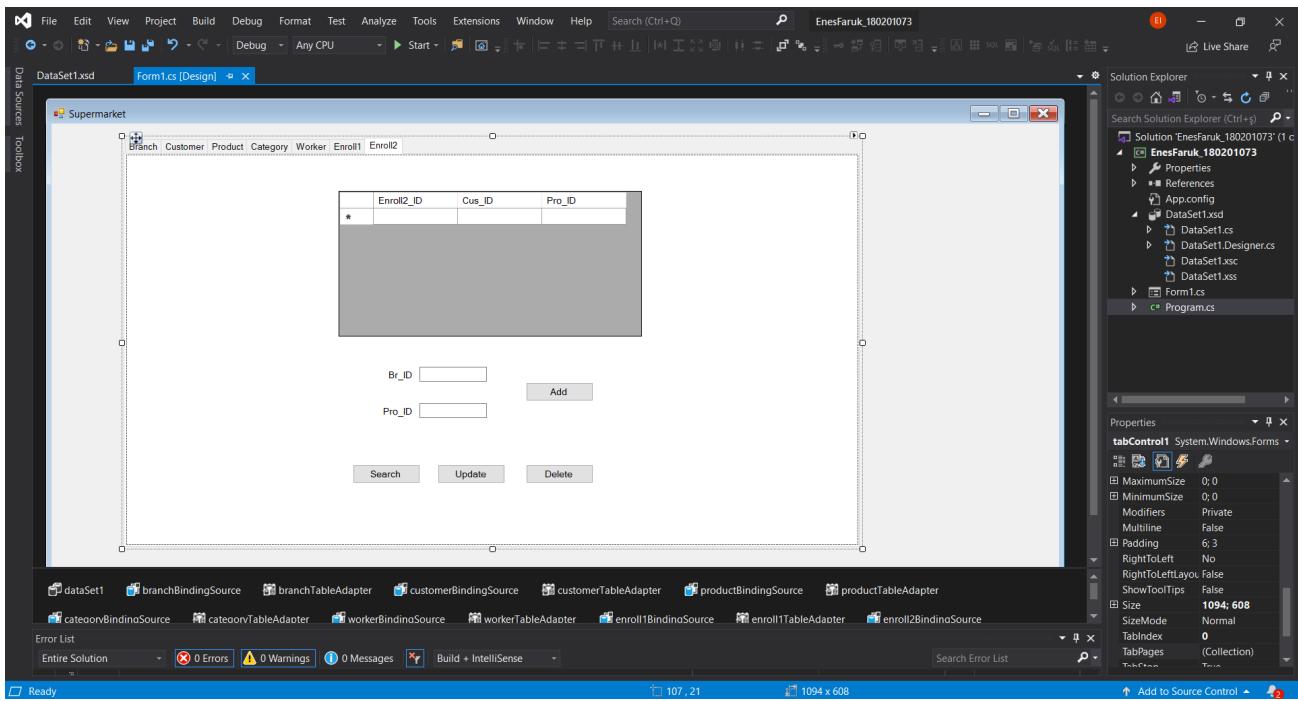
Solution Explorer

- EnesFuruk_180201073
 - Properties
 - References
 - App.config
 - DataSet1.xsd
 - DataSet1.cs
 - DataSet1.xsc
 - DataSet1.xss
 - Form1.cs
 - Program.cs

Properties

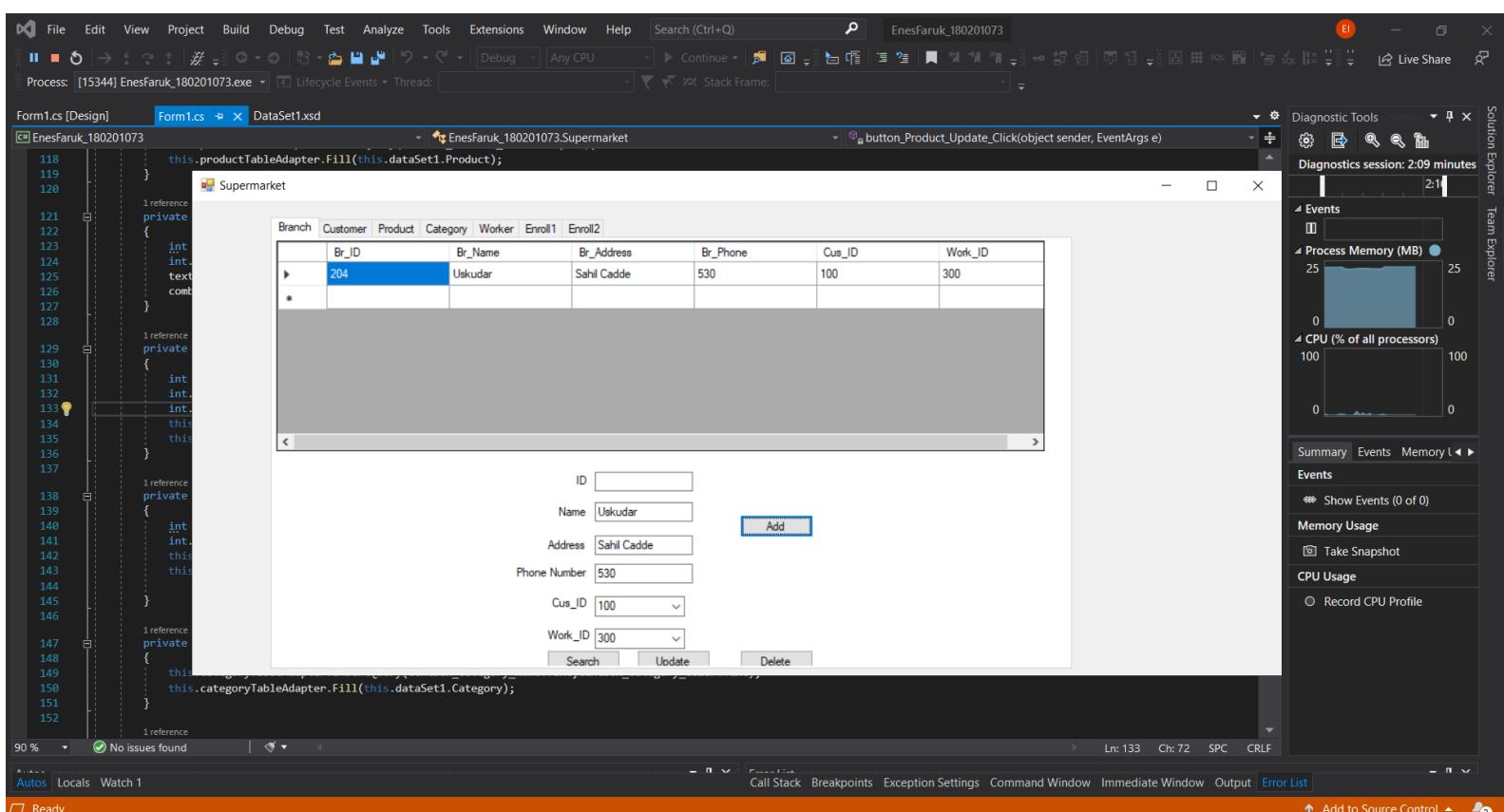
Supermarket System.Windows.Form

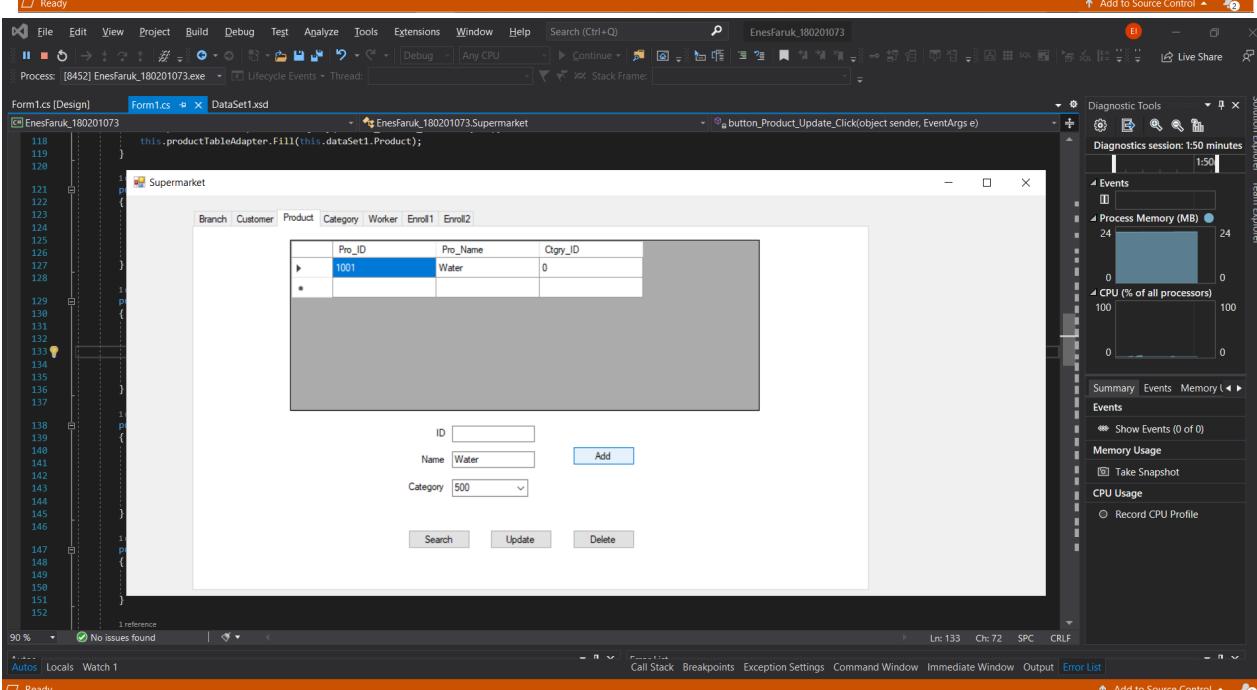
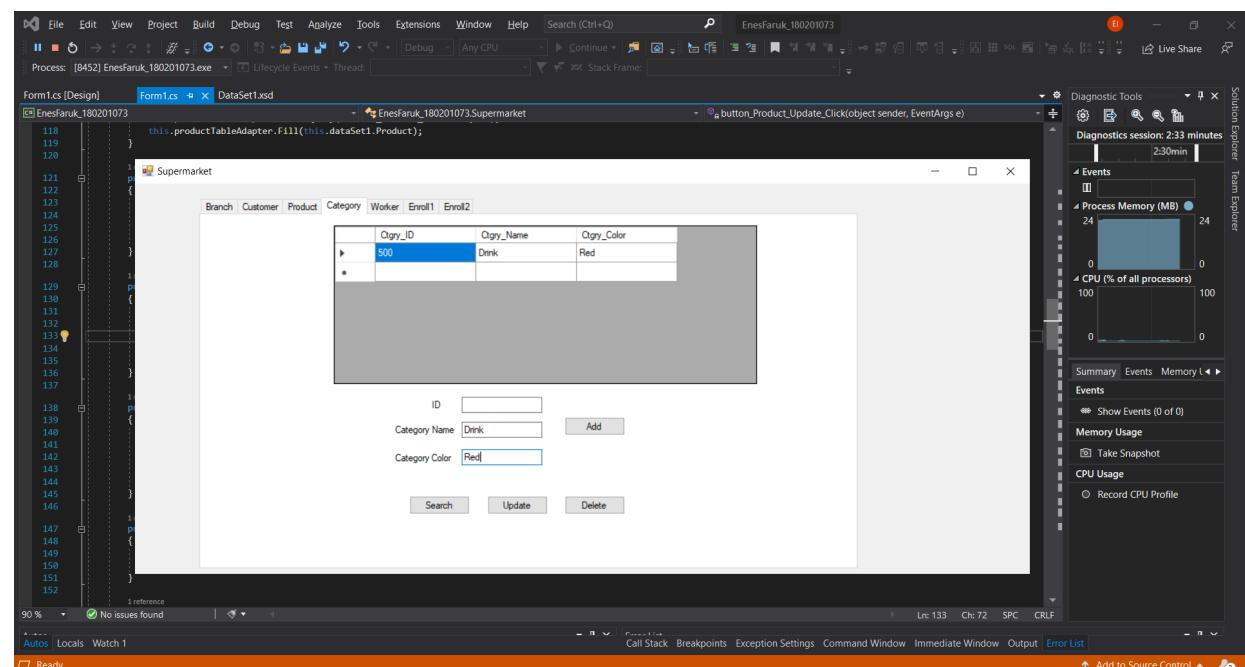
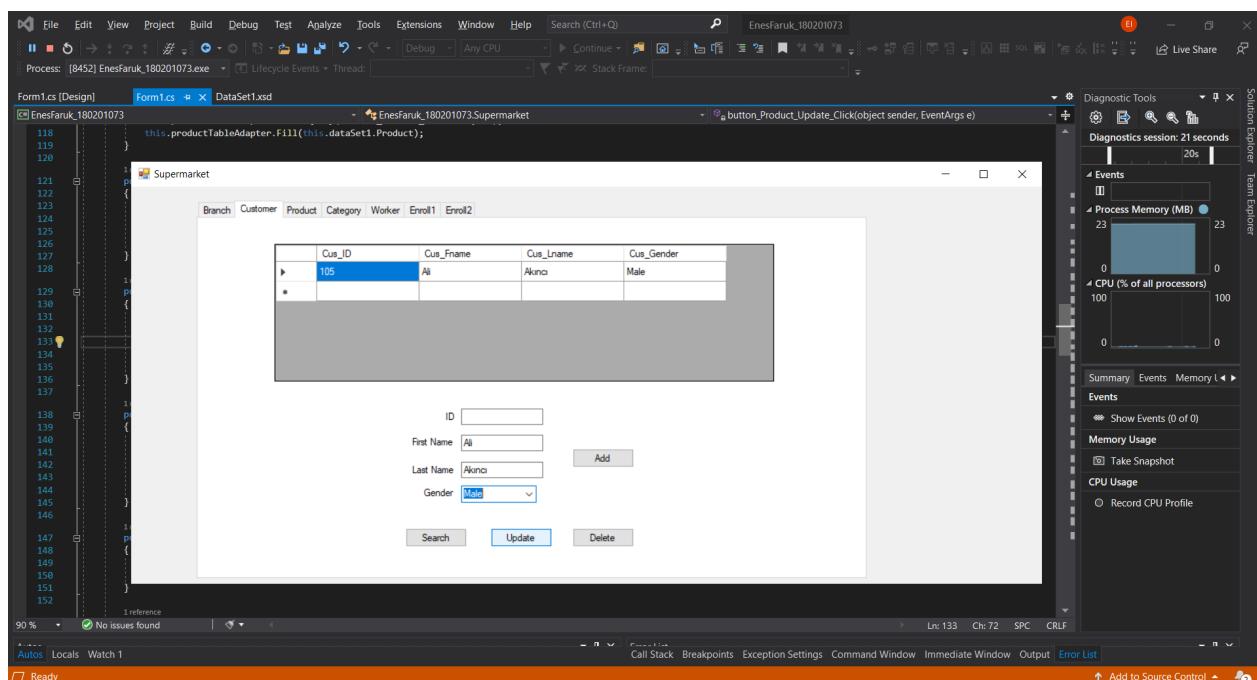
MinimumSize 0; 0
Opacity 100%
Padding 0; 0; 0; 0
RightToLeft No
RightToLeftLayout False
ShowIcon True
ShowInTaskbar True
Size 1513; 742
SizeGripStyle Auto
StartPosition WindowsDefault
Tag Supermarket
Text Supermarket

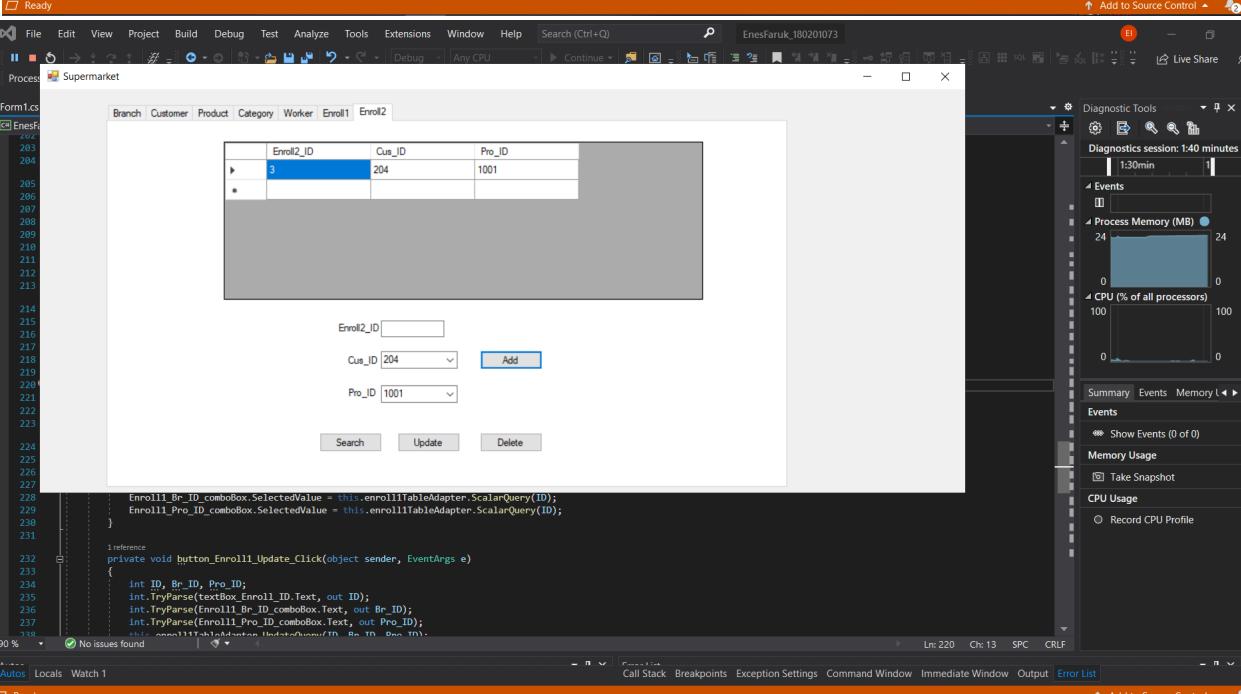
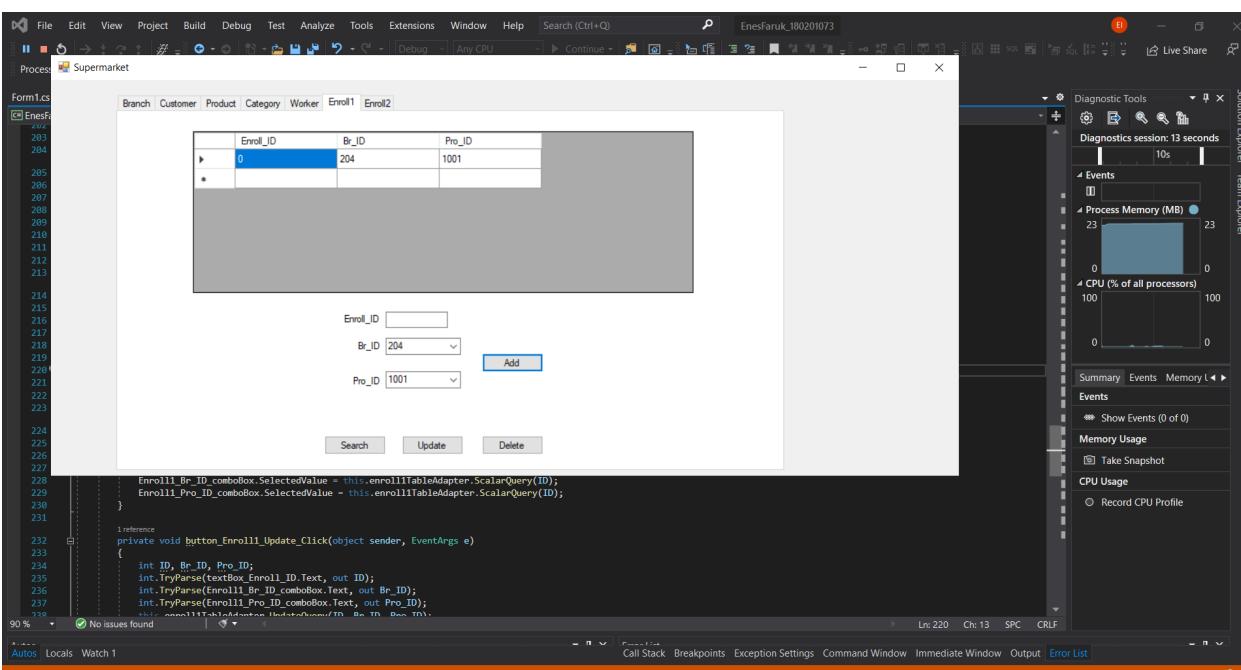
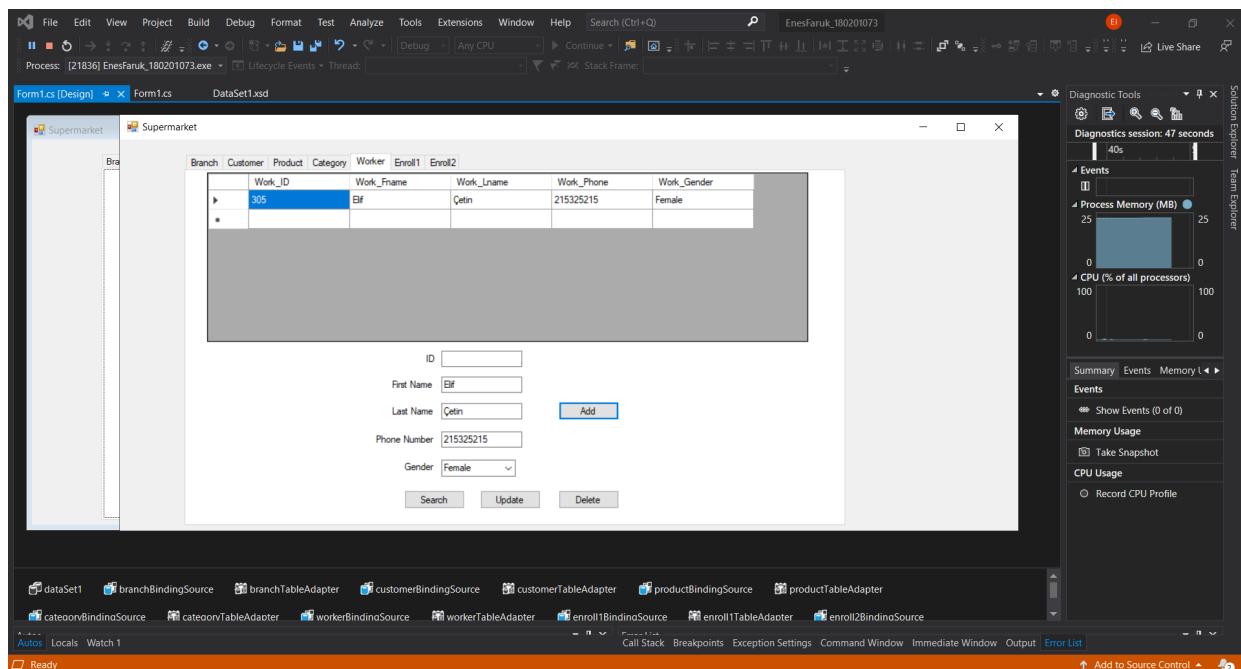


5-)

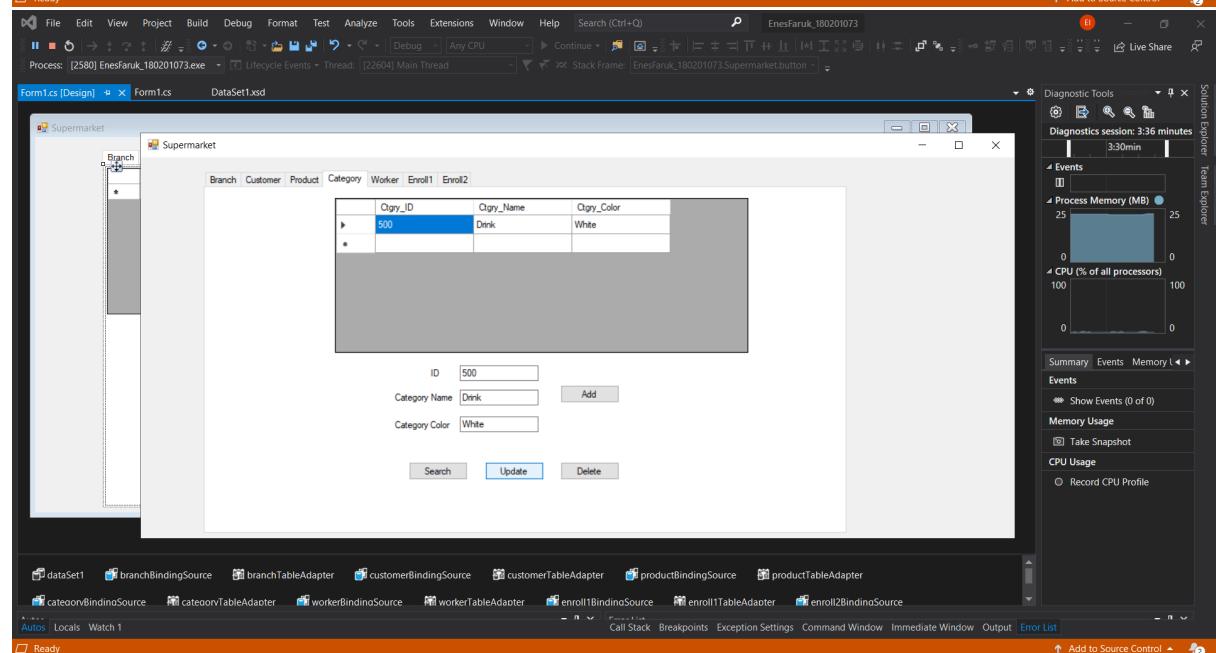
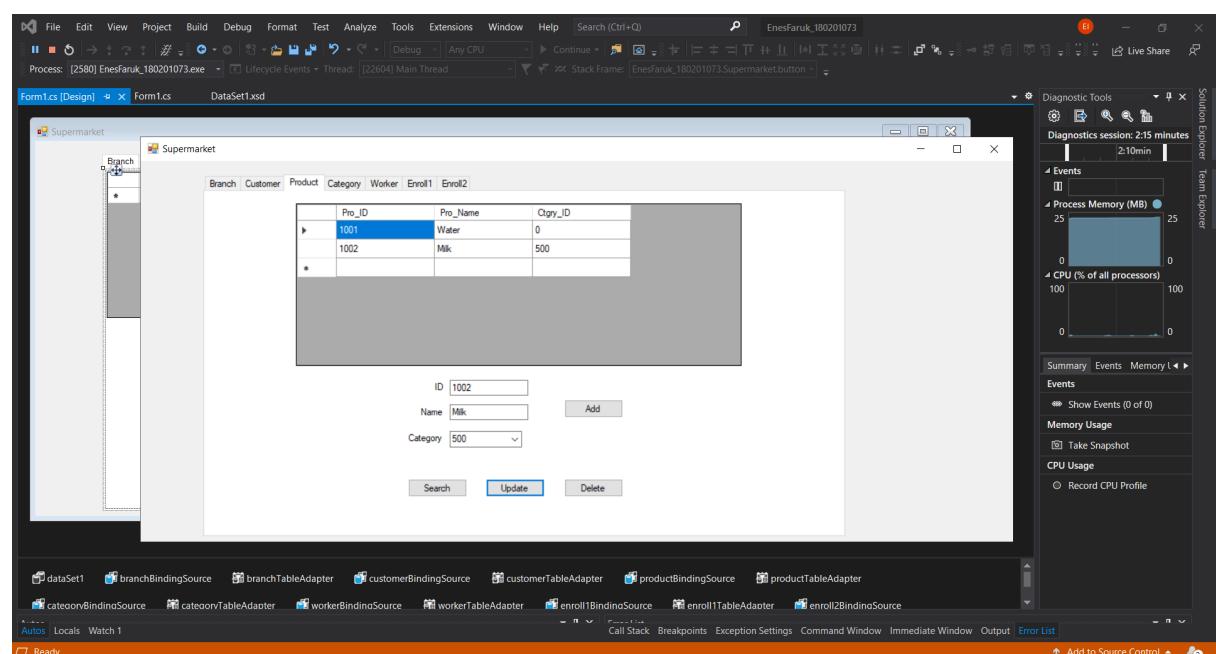
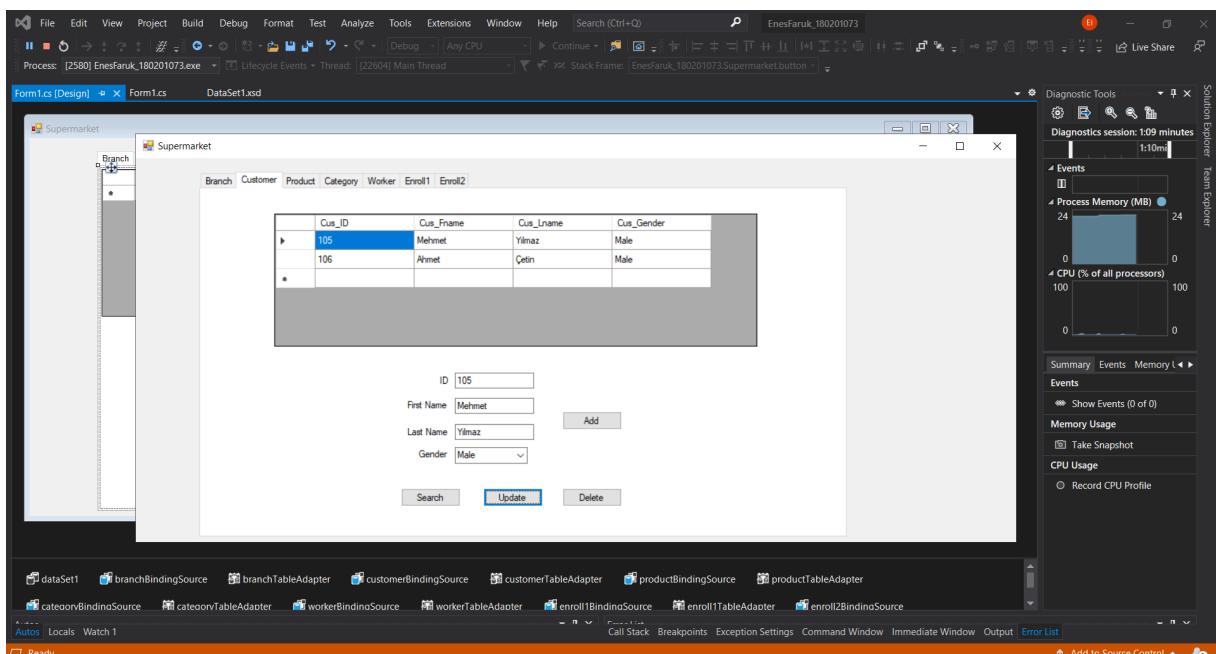
Add:

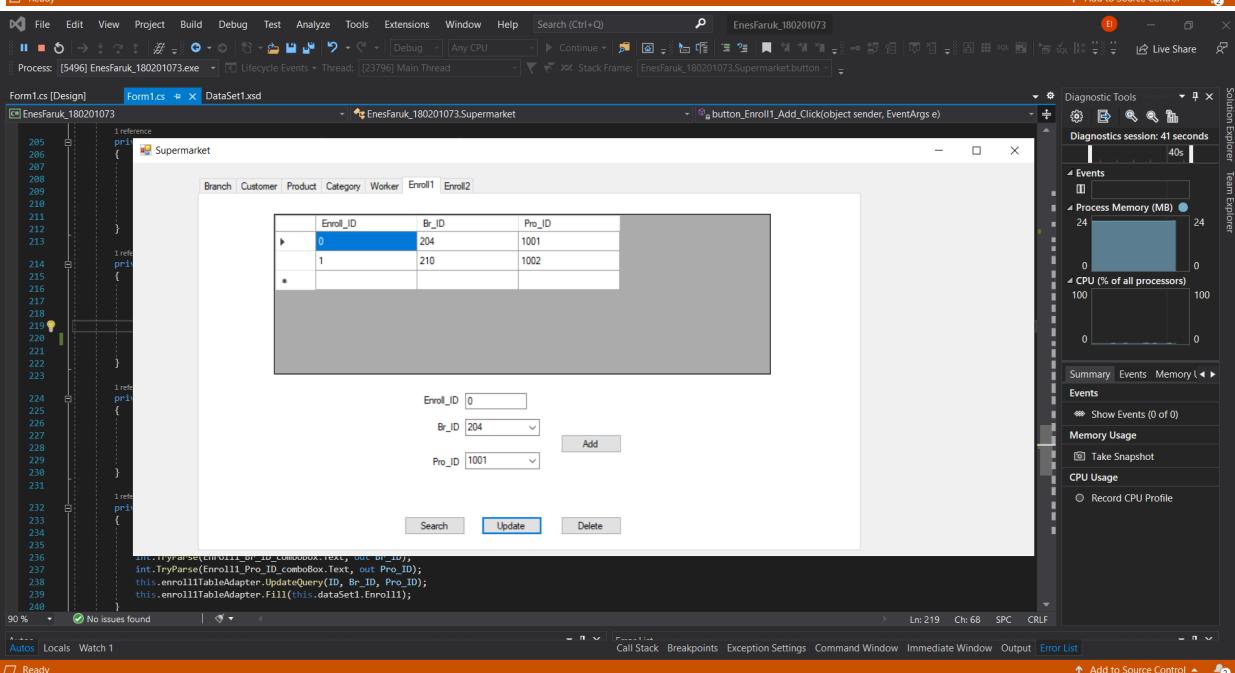
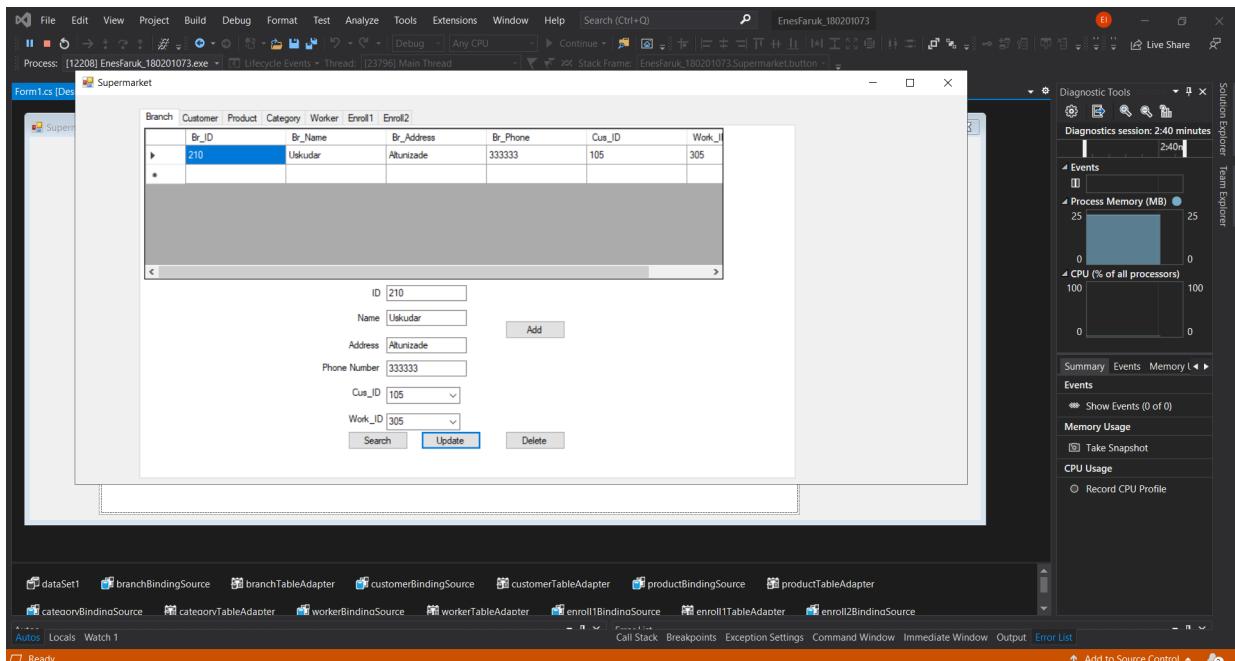
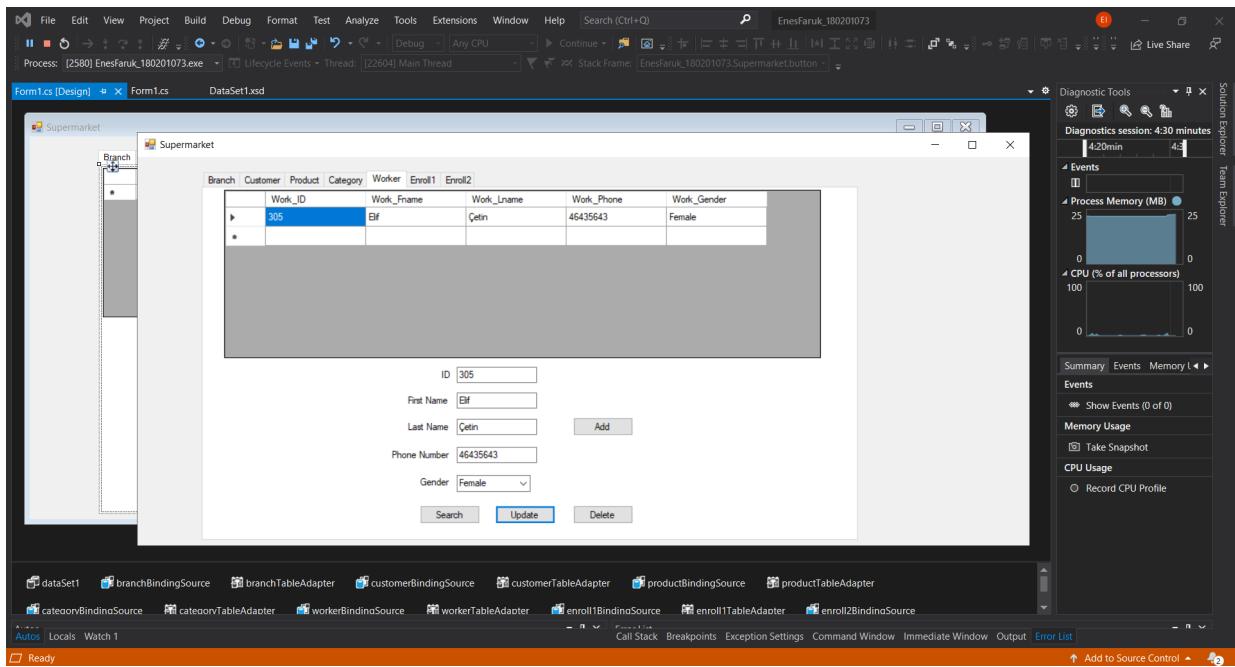


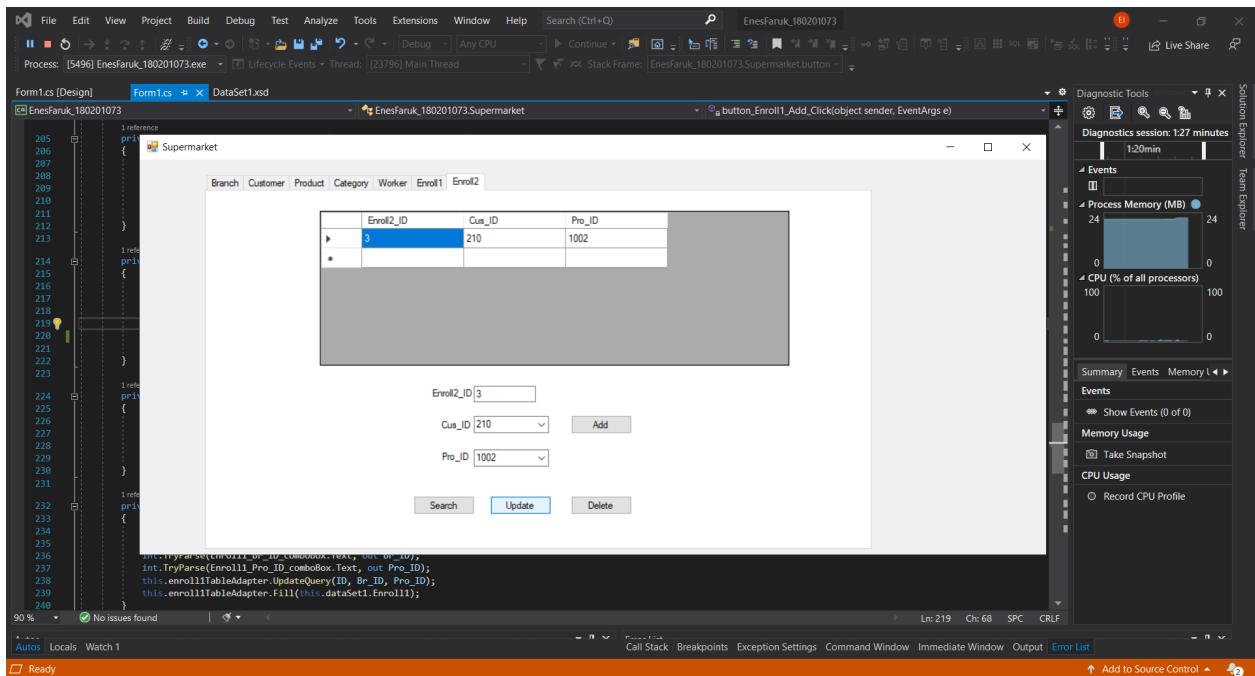




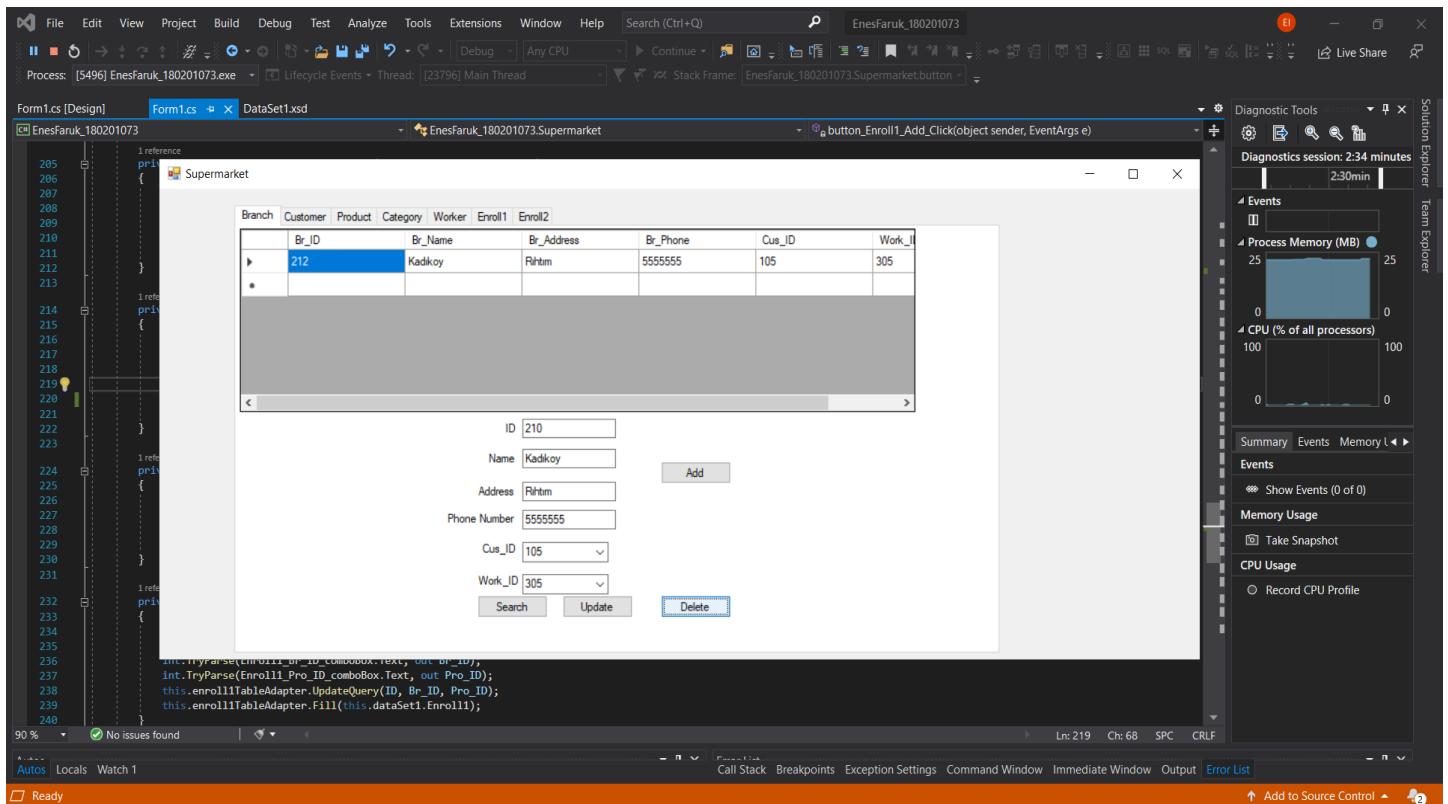
Update:

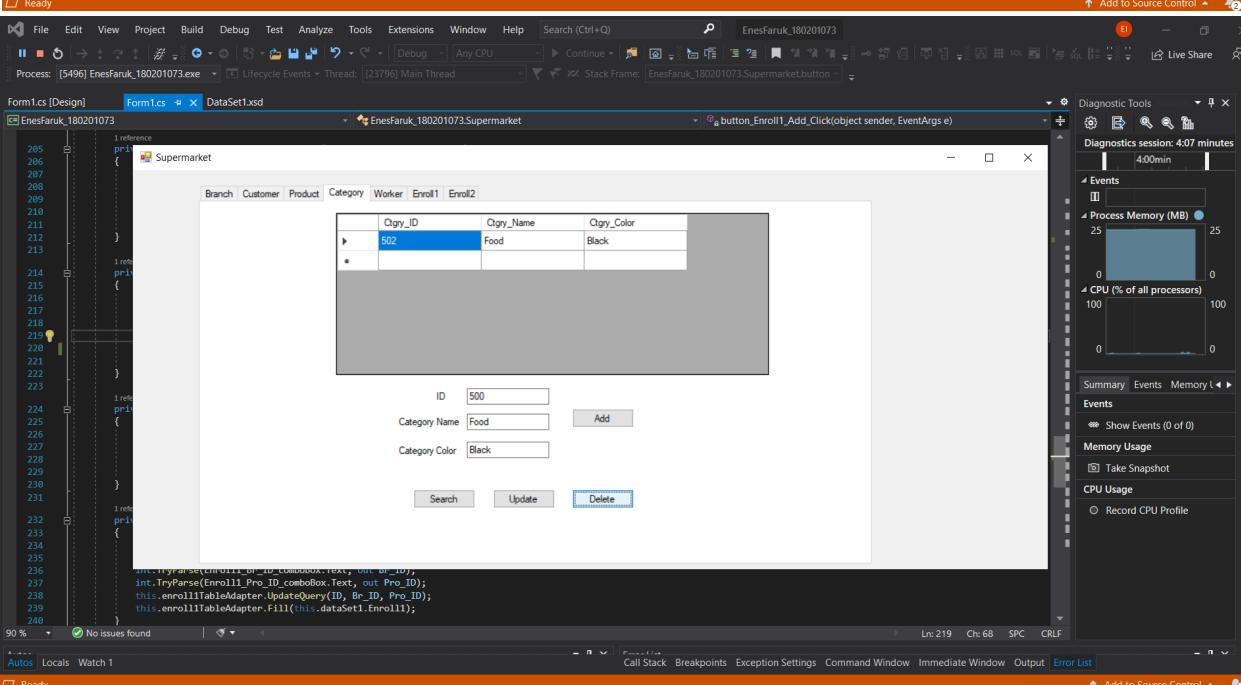
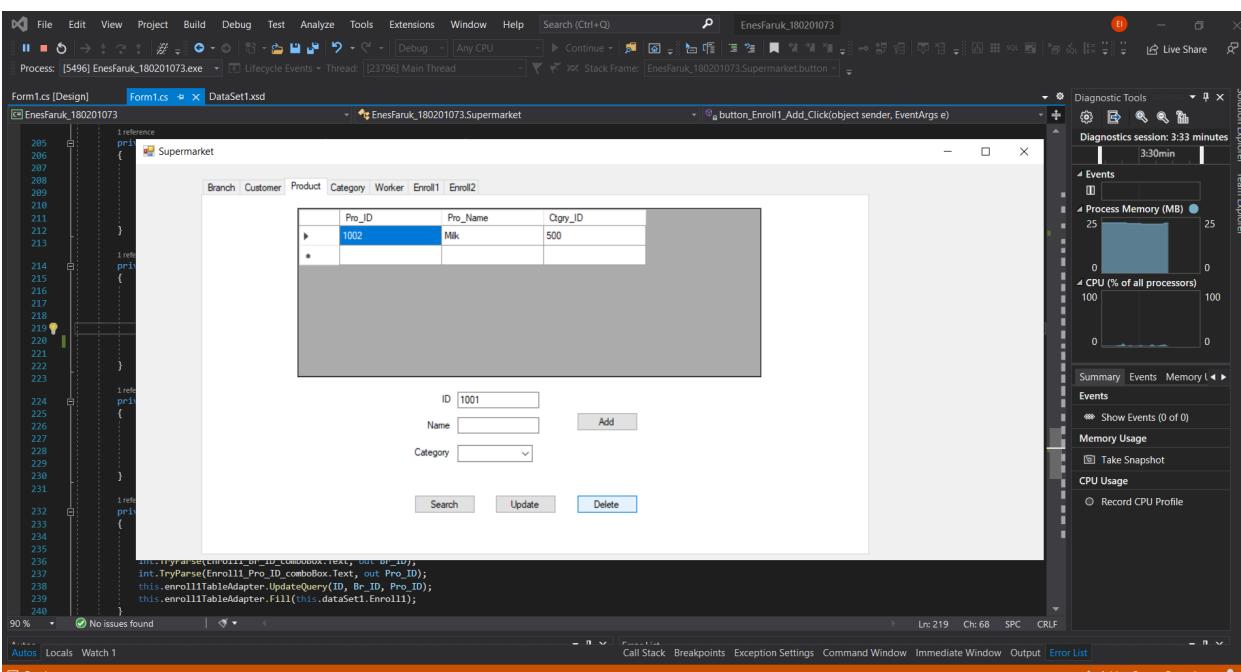
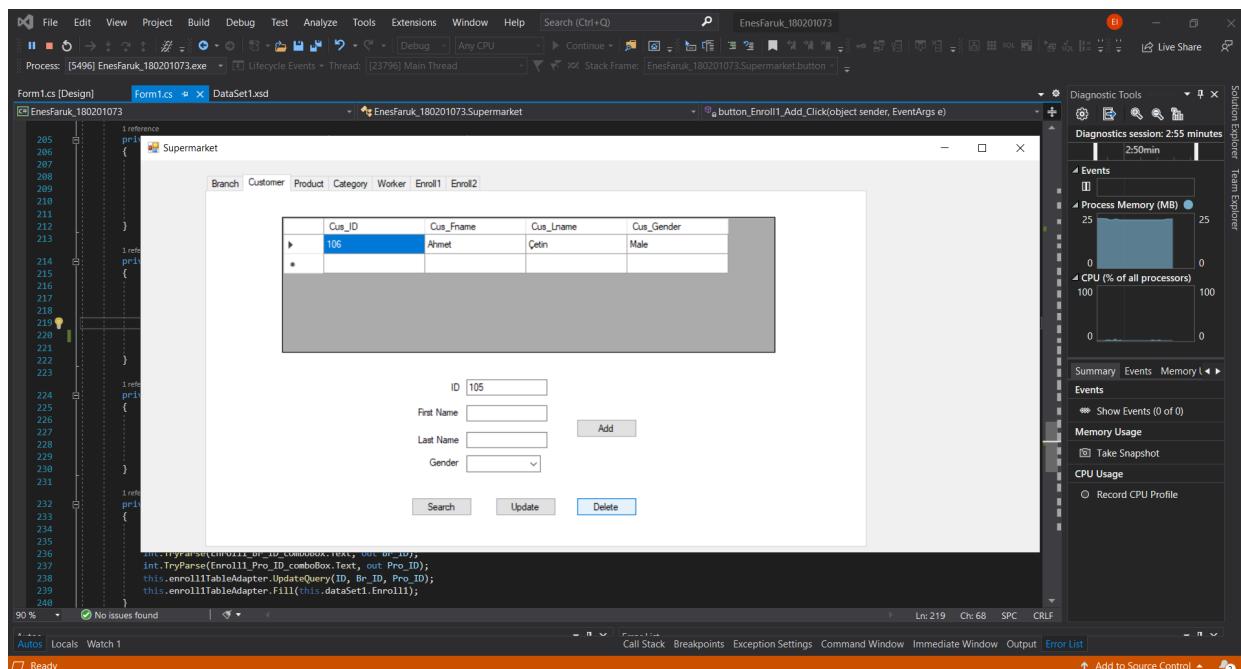






Delete:





File Edit View Project Build Debug Test Analyze Tools Extensions Window Help Search (Ctrl+Q) EnesFaruk_180201073

Process: [5496] EnesFaruk_180201073.exe Lifecycle Events Thread: [23796] Main Thread Stack Frame: EnesFaruk_180201073.Supermarket.button

Form1.cs [Design] Form1.cs DataSet1.xsd

EnesFaruk_180201073

1 reference
Supermarket

Branch Customer Product Category Worker Enroll1 Enroll2

Work_ID	Work_Fname	Work_Lname	Work_Phone	Work_Gender
305	Cenk	Sahin	1111111	Male

ID: 305
First Name:
Last Name:
Phone Number:
Gender:

int.TryParse(textBox1.Text, out ID);
int.TryParse(enroll1_Pro_ID.comboBox.Text, out Pro_ID);
this.enroll1TableAdapter.UpdateQuery(ID, Br_ID, Pro_ID);
this.enroll1TableAdapter.Fill(this.dataSet1.Enroll1);

No issues found

Call Stack Breakpoints Exception Settings Command Window Immediate Window Output Error List

Ready Add to Source Control

Diagnostic Tools Solution Explorer Team Explorer

Diagnostics session: 4:58 minutes

Events Process Memory (MB) CPU (% of all processors)

Summary Events Memory L

Events Show Events (0 of 0)
Memory Usage Take Snapshot
CPU Usage Record CPU Profile

File Edit View Project Build Debug Test Analyze Tools Extensions Window Help Search (Ctrl+Q) EnesFaruk_180201073

Process: [5496] EnesFaruk_180201073.exe Lifecycle Events Thread: [23796] Main Thread Stack Frame: EnesFaruk_180201073.Supermarket.button

Form1.cs [Design] Form1.cs DataSet1.xsd

EnesFaruk_180201073

1 reference
Supermarket

Branch Customer Product Category Worker Enroll1 Enroll2

Enroll1_ID	Br_ID	Pro_ID
1	210	1002

Enroll1_ID: 0
Br_ID:
Pro_ID:

int.TryParse(textBox1.Text, out ID);
int.TryParse(enroll1_Pro_ID.comboBox.Text, out Pro_ID);
this.enroll1TableAdapter.UpdateQuery(ID, Br_ID, Pro_ID);
this.enroll1TableAdapter.Fill(this.dataSet1.Enroll1);

No issues found

Call Stack Breakpoints Exception Settings Command Window Immediate Window Output Error List

Ready Add to Source Control

Diagnostic Tools Solution Explorer Team Explorer

Diagnostics session: 5:16 minutes

Events Process Memory (MB) CPU (% of all processors)

Summary Events Memory L

Events Show Events (0 of 0)
Memory Usage Take Snapshot
CPU Usage Record CPU Profile

File Edit View Project Build Debug Test Analyze Tools Extensions Window Help Search (Ctrl+Q) EnesFaruk_180201073

Process: [5496] EnesFaruk_180201073.exe Lifecycle Events Thread: [23796] Main Thread Stack Frame: EnesFaruk_180201073.Supermarket.button

Form1.cs [Design] Form1.cs DataSet1.xsd

EnesFaruk_180201073

1 reference
Supermarket

Branch Customer Product Category Worker Enroll1 Enroll2

Enroll2_ID	Cus_ID	Pro_ID
*		

Enroll2_ID: 3
Cus_ID: 212
Pro_ID: 1002

int.TryParse(textBox1.Text, out ID);
int.TryParse(enroll1_Pro_ID.comboBox.Text, out Pro_ID);
this.enroll1TableAdapter.UpdateQuery(ID, Br_ID, Pro_ID);
this.enroll1TableAdapter.Fill(this.dataSet1.Enroll1);

No issues found

Call Stack Breakpoints Exception Settings Command Window Immediate Window Output Error List

Ready Add to Source Control

Diagnostic Tools Solution Explorer Team Explorer

Diagnostics session: 5:51 minutes

Events Process Memory (MB) CPU (% of all processors)

Summary Events Memory L

Events Show Events (0 of 0)
Memory Usage Take Snapshot
CPU Usage Record CPU Profile