

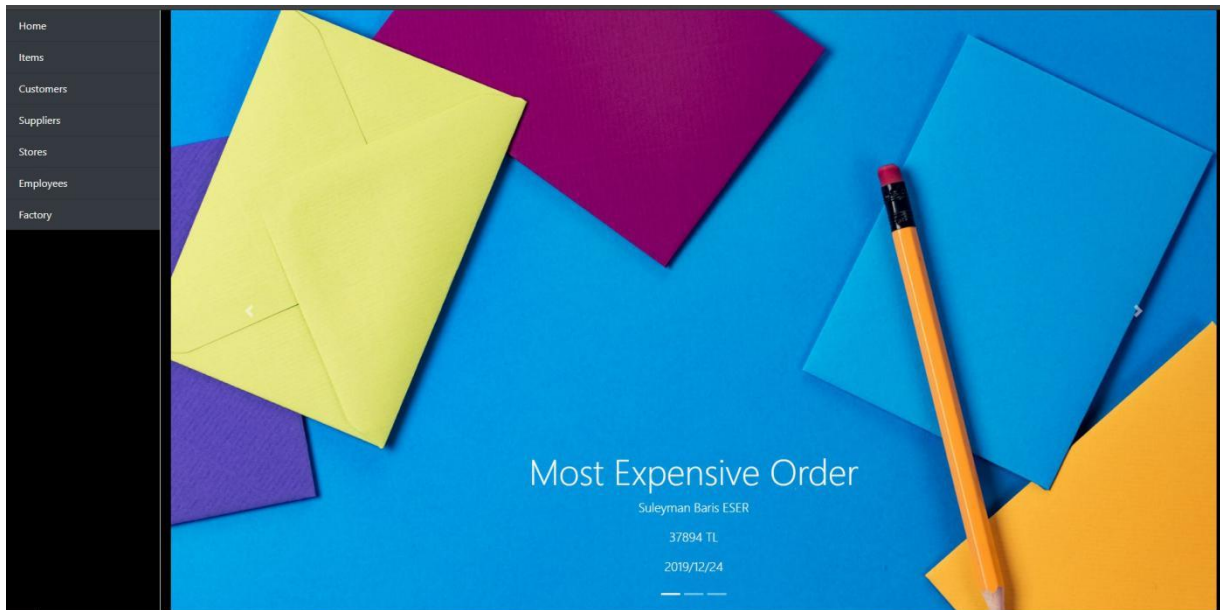
## Project Step-5 Report

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### -Database Interface

In this step we created a web application interface for our database using ASP.NET MVC C# in Microsoft Visual Studio.



-This is our interfaces first page above. Here it will show some views from our database. “Most Expensive order “ for example. On the left you can select an element and clicking on it will lead you to its corresponding page like one below.

**FOR ITEMS :**

Admin Page

Home

Items

Customers

Suppliers

Stores

Employees

Factory

Go Website

ITEMS

ID	Brand	Name	Price	Production Year	Description	Type	Edit	Remove
29	VESTEL	SP 120 Soguk Su Sebilî SU SEBİLİ	338	2018	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Voluptatum, ...	HouseHold Appliance		<button>Remove</button>
28	Eratoool	Erato Siyah Dört Gözlü Set Üstü Ocak Lpg Tüp Uyuml	450	2018	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Voluptatum, ...	HouseHold Appliance		<button>Remove</button>
27	Simler	Simler 3420 Midi Firin 34 Litre 5206	228,5	2018	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Voluptatum, ...	HouseHold Appliance		<button>Remove</button>
26	Bosch	Bosch GSN36Vi30N A++ + 255 lt 7 Çekmeceli No-Frost D	4549	2018	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Voluptatum, ...	HouseHold Appliance		<button>Remove</button>
25	Altus	AL 413 C A+ 3 Programlı Bulaşık Makinesi	1199	2018	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Voluptatum, ...	HouseHold Appliance		<button>Remove</button>
24	Seagate	Pipeline 500 Gb SATA3 3,5" Pc Bilgisayar Hdd Hardd	159	2015	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Voluptatum, ...	Computer Part		<button>Remove</button>
23	Samsung	M3 320 2.5 Inc Usb 3.0 Harici Tasinabilir Hdd STHX	143	2019	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Voluptatum, ...	Computer Part		<button>Remove</button>
22	Seagate	2TB SEAGATE 3.5" 5900RPM 64MB SATA3 ST2000VM003 HD	389	2018	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Voluptatum, ...	Computer Part		<button>Remove</button>
21	Concord	C-855 2,5 Harici Hdd Kutusu Harddisk 3,0 Usb C-855	45,9	2016	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Voluptatum, ...	Computer Part		<button>Remove</button>

-Above is our Item page. All items in our database is here. You can remove any item by clicking remove button , or edit by click on edit button in edit column , or add a new item by click on green plus sign in upper right.

-Clicking on green plus sign will open a little menu like one below. Here you can select which type of item you want to add. And in this parts, adding operations use Stored procedure that named as Insert(Item\_Type). For example, adding television uses InsertTelevision Stored Procedure.

Type	Category	Item	Action
Household Appliance	Television	Basic Electronic	<a href="#">remove</a>
	Household		
	RAM		
House Appliance	CPU		<a href="#">remove</a>
	GPU		
	Hard-Disk		<a href="#">remove</a>

-If you click on Television for example it will lead to this page. Choosing another type of item will lead to another page similar to this one below.

## Create Television

Brand

Name

Price

Description

Production  
\_year

Supplierid

ScreenSize

ScreenReso  
lution

IsSmart ☐

Create

-Here you can enter necessary information for that item and create it then it will be automatically added to database.

### FOR CUSTOMER :

Admin Page

Home

Items

Customers











Suppliers

Stores

Employees

Factory

CUSTOMERS

First Name	Last Name	Phone	Email	Edit	Remove
Suleyman Baris	ESER	05457226673	suleymanbariseser@gmail.com		<div>Remove</div>
Jaylon	Warren	+90-545-5521-1730	tby.mdk.18@xzcscr75.life		<div>Remove</div>
Eva	Mckee	+90-505-5597-7790	hhamza.xben.31u@guowaishipin.xyz		<div>Remove</div>
Kristin	Newton	+90-555-5534-7624	saomer3@redrabbt1.tk		<div>Remove</div>
Connor	Briggs	+90-545-5525-0766	dmelad.more.9u@greenhomelove.com		<div>Remove</div>
Nathaly	Hardy	+90-505-5520-9359	oanish.kumarp225c@brwd.com		<div>Remove</div>
Cael	Daugherty	+90-505-5560-5028	nhasan_1445c@?????????.??		<div>Remove</div>
Aidyn	Williams	+90-505-5592-1026	jrawan.ali@predilectionaz.com		<div>Remove</div>
Colton	Dillon	+90-555-5596-1306	cfore@whizdom.biz		<div>Remove</div>
Sidney	Bright	+90-555-5590-6589	isa.gui10@boscome.xyz		<div>Remove</div>

- If Admin wants edit the customer informations or edit orderline of the customer or addresses of the customer. Admin can goes /User/Edit page by clicking edit button that is on same row with the customer which admin wants edit

- By clicking plus of orderline or address, Admin can add new orderline or address for Customer.

- By clicking edit button of orderline, Admin can insert new items into orderlines.

Store Id	Item Id	Quantity	Edit	Remove
1	1	3		<button>Remove</button>
3	4	2		<button>Remove</button>
3	7	2		<button>Remove</button>
3	26	5		<button>Remove</button>

## FOR SUPPLIER :

- In The supplier page, Admin can add new supplier by clicking plus button or can delete a supplier by clicking remove button.

SUPPLIERS							+
Name	Country	City	Address	Phone	Edit	Remove	
MOBİCOM	Turkey	Istanbul	Istanbul - Turkey	4168798415		<a href="#">Remove</a>	
Tİ MESH	Turkey	Istanbul	Istanbul - Turkey	879874982912		<a href="#">Remove</a>	
HEPSİ TEKNO	Turkey	Istanbul	Istanbul - Turkey	4716546198		<a href="#">Remove</a>	

- By clicking edit button of a supplier, can update supplier informations

### Create Supplier

Name

MOBİCOM

Country

Turkey

City

Istanbul

Address







Istanbul - Turkey

Phone

4168798415

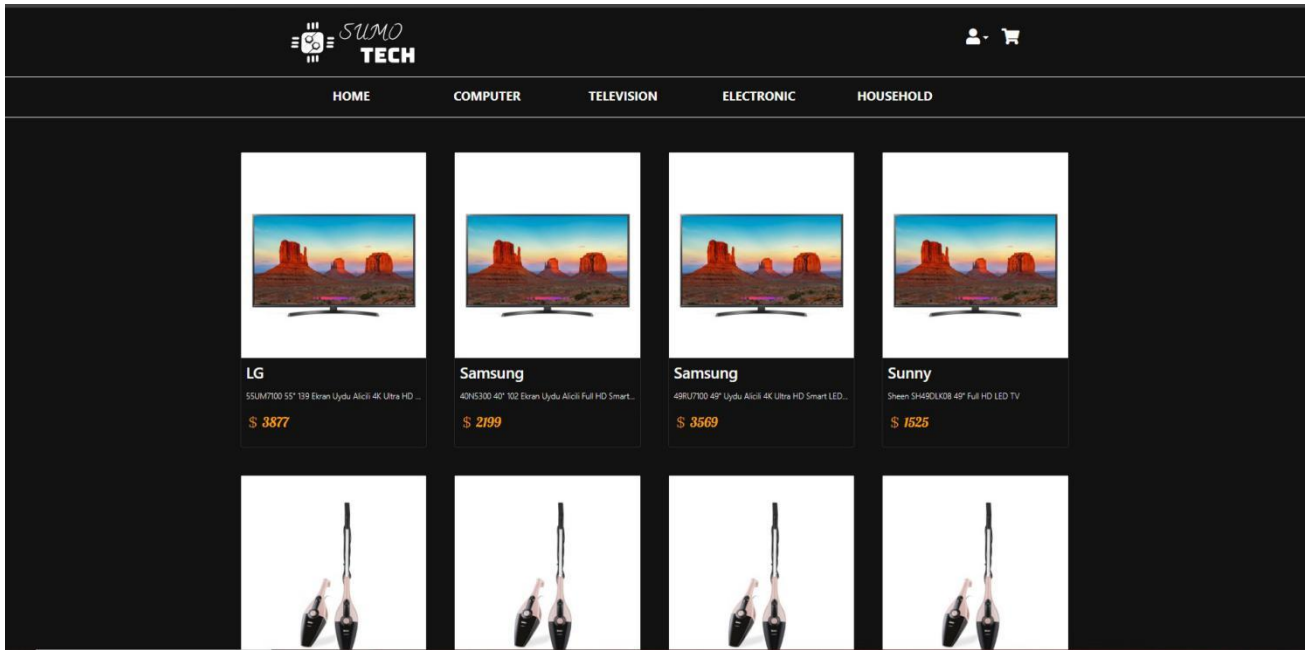
Create

Items

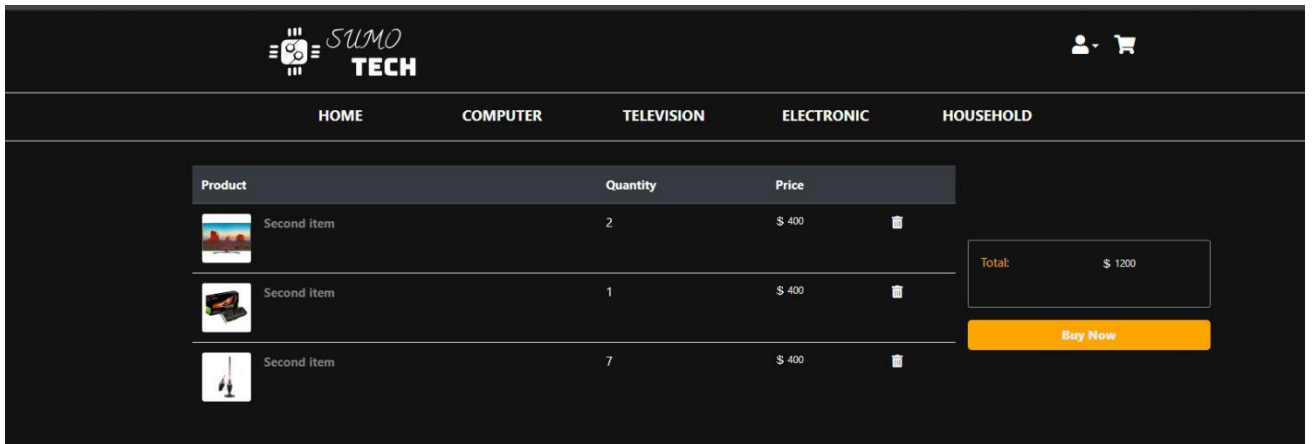
Itemid	Edit	Remove
1		<a href="#">Remove</a>
5		<a href="#">Remove</a>
6		<a href="#">Remove</a>
7		<a href="#">Remove</a>
12		<a href="#">Remove</a>
15		<a href="#">Remove</a>

- And For other parts, update, delete and insertion operation are available.
- And There are a User Interface Page in the project. Here it is;

And this Customer page above. Same thing can be done here like Item page. Add , Edit or Remove customers. On the upper right there is a “Go Website” button. Clicking on it will lead you to our stores home page.



-Here you can browse items and add it to cart/basket. Clicking on Sub types like “Home” , “Computer” will only show items from that type. And by clicking on the cart icon on the upper right you can see the current customers basket.



Clicking on “SUMO TECH” icon on upper left will lead you back to admin page where you can Add , Edit or Remove elements from our database.

## Changes Until Step-4

- We added new trigger “ManagerDeletion” for Manager Deletion. When a manager is removed all employees that he managed will be not managed. So until someone assigned to them their managerid will be null.
- We added new trigger “OrderingItemNew” to change the item quantity when that item is ordered.
- We added new Trigger “InsertStoreItem” to change the item quantity when that item is ordered.
- We added some more unique and default values.
- Some foreign key constraints changed . Like “ON DELETE CASCADE” to remove items that when their id’s are used somewhere else as foreign keys.