INVENTORY MANAGEMENT SYSTEM(IMS)

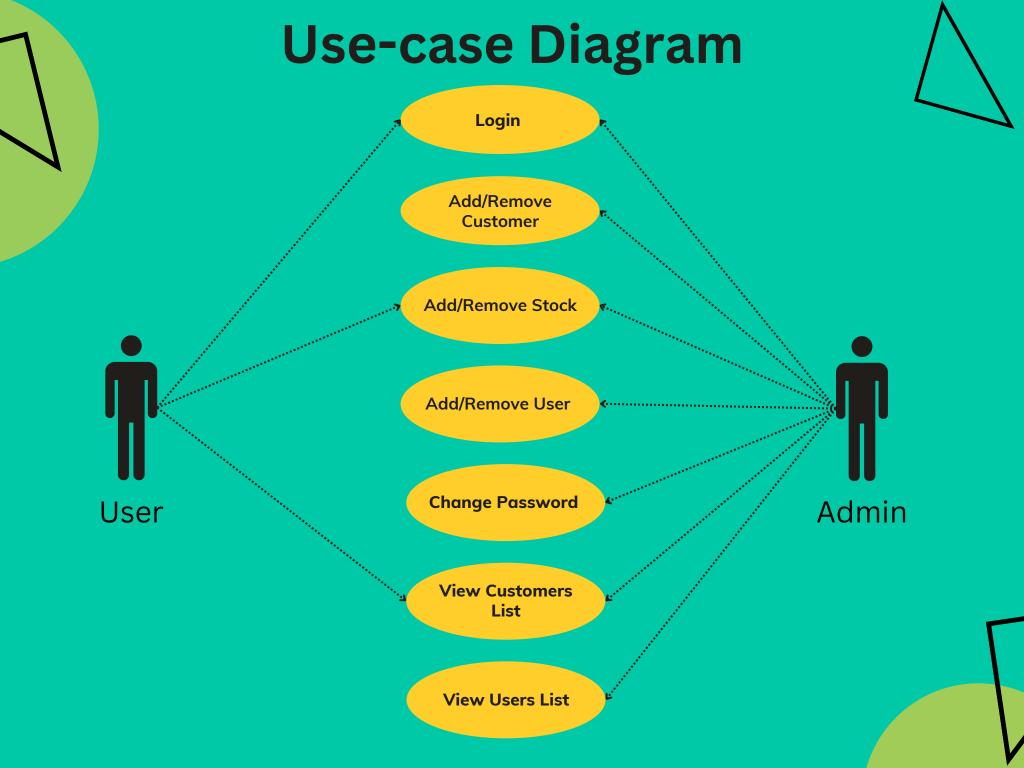
By:
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Hossein Parsa
Amir Sharifi

• What is IMS?

• Types of IMS.

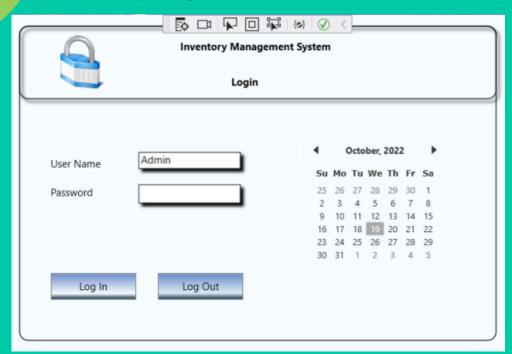
• IMS applications.



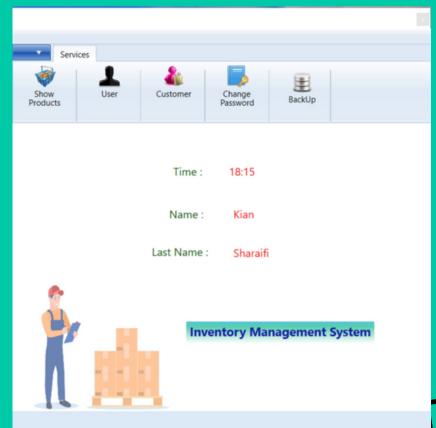




Login Window



Main Window

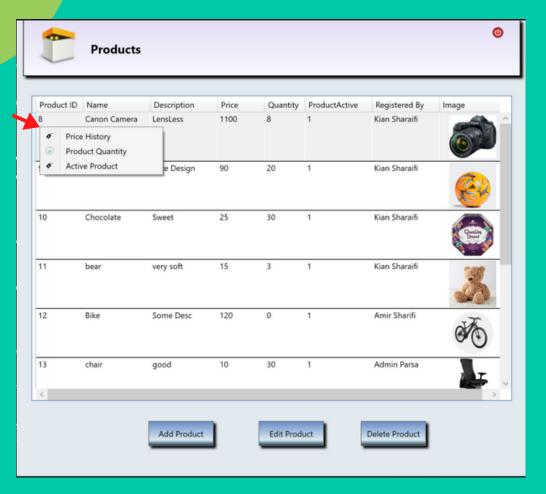






Products list view

Users list view









Add/Edit Users

	User Add and Edit form
dd/Edit Customers	Name : Username : Password :
Create New Customer	Phone :
omer Name Phone:	
Address:	Submit Exit

Add/Edit Products

Add and Edit Product	t ©
Created By: Kian Sharaifi	B
Product Name :	
Description :	
Image:	
Submit	Exit

Add/Edit Custo	omers
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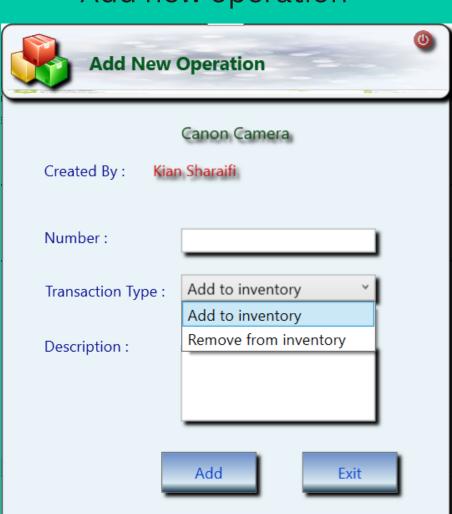
Submit

Add new operation

Products list view



UserID	UserName	UserFamily	UserTel	UserUserName	UserPassword
1	ilnaz	Alizadeh	4388332414	lla	03-AC-67-42-16-F3-E1-5C-76-1E-E1-A5-E2-55-F0-67
2	Amir	Sharifi	514676324	ASH	03-AC-67-42-16-F3-E1-5C-76-1E-E1-A5-E2-55-F0-67
4	Admin	Parsa	1234567896	Admin	03-AC-67-42-16-F3-E1-5C-76-1E-E1-A5-E2-55-F0-67
5	Nick	Pa	5149731552	Nick	A6-65-A4-59-20-42-2F-9D-41-7E-48-67-EF-DC-4F-B8
6	Kian	Sharaifi	5146663333	Kian12	03-AC-67-42-16-F3-E1-5C-76-1E-E1-A5-E2-55-F0-67

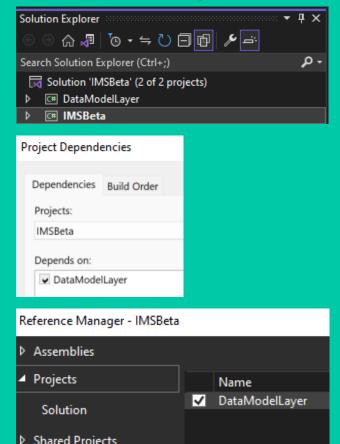


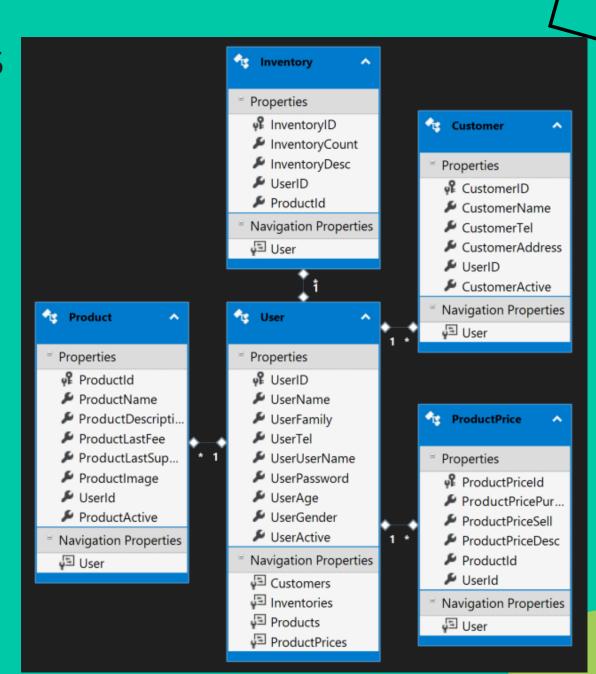


Database

Tables

Two separate Layer





1

Database

Views





Technology used

















What we learned



How to Save image in DB



What we learned



Hash the password

UserID	UserName	UserFamily	UserTel	UserUserName	UserPassword
1	ilnaz	Alizadeh	4388332414	lla	03-AC-67-42-16-F3-E1-5C-76-1E-E1-A5-E2-55-F0-67
2	Amir	Sharifi	514676324	ASH	03-AC-67-42-16-F3-E1-5C-76-1E-E1-A5-E2-55-F0-67
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1

What we learned

Add property to class

```
public partial class win_add_edit_user : Window
   2 references
   public win_add_edit_user()
      InitializeComponent();
   inventorydbEntities1 database = new inventorydbEntities1();
   4 references
   public byte win_type { get; set; }
   2 references
   public string UserName { get; set; }
   2 references
   public string UserFamily { get; set; }
   2 references
   public string UserTel { get; set; }
   2 references
   public byte UserAge { get; set; }
   2 references
   public int UserID { get; set; }
   2 references
   public string UserGender { get; set; }
   2 references
   public string UserUserName { get; set; }
```



What we learned



```
reference
private void Btn_EditProduct_Click(object sender, RoutedEventArgs e)
{
    object item = DataGridProduct.SelectedItem;
    win_add_edit_product w_p = new win_add_edit_product();
    w_p.win_Type = 2;////Editing Mode

w_p.ProductId = Convert.ToInt32((DataGridProduct.SelectedCells[0].Column.GetCellContent(item) as TextBlock).Text);
    w_p.ProductName = (DataGridProduct.SelectedCells[1].Column.GetCellContent(item) as TextBlock).Text;
    w_p.ProductDesc = (DataGridProduct.SelectedCells[2].Column.GetCellContent(item) as TextBlock).Text;

w_p.ShowDialog();
ShowProductInfo();
}
```



□Create Procedure Sp UpdateFee Product

Procedure & Transaction

```
@ProductId int,
                                                                              @ProductLastFee bigint
private void btn_ok_Click(object sender, RoutedEventArgs e)
   using (TransactionScope ts = new TransactionScope())
                                                                              As.
       try
                                                                        □Update Product
                                                                          Set ProductLastFee = @ProductLastFee
          Where ProductID = @ProductId
          ProductPrice PP = new ProductPrice();
          PP.ProductPricePurch = Convert.ToInt64(txt_purch.Text.Trim());
          PP.ProductPriceSell = Convert.ToInt64(txt_sale.Text.Trim());
          PP.ProductPriceDesc = txt_desc.Text.Trim();
          PP.ProductId = this.productid;
          PP.UserId = PublicVariable.gUserId;
          database.ProductPrices.Add(PP);
          database.SaveChanges();
          //////// Update Price
          database.Sp_UpdateFee_Product(this.productid, Convert.ToInt64(txt_sale.Text.Trim()));
          database.SaveChanges();
          ts.Complete();
          MessageBox.Show("Information saved successfully", "Save error", MessageBoxButton.OK, MessageBoxImage.Information);
```





User access Tree

Connect to sales

Print/save reports

Charts



Summary



what was done

Did research and made decision about technologies

Planed the work flow and divided the tasks

Examined different solutions for each task

what is the result

Got one step closer to understand how a complete application works

Got better in doing research and solution finding