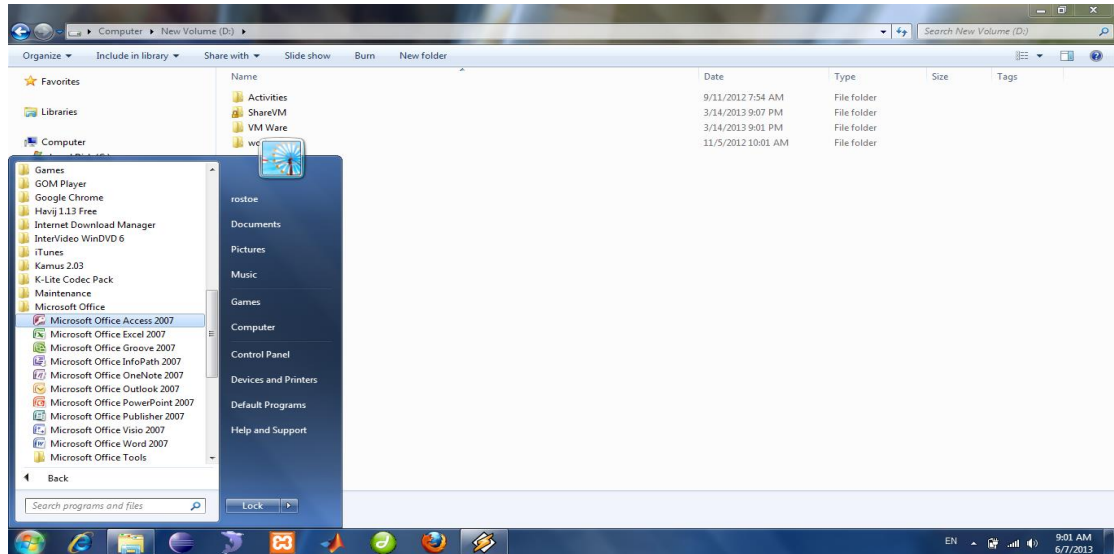
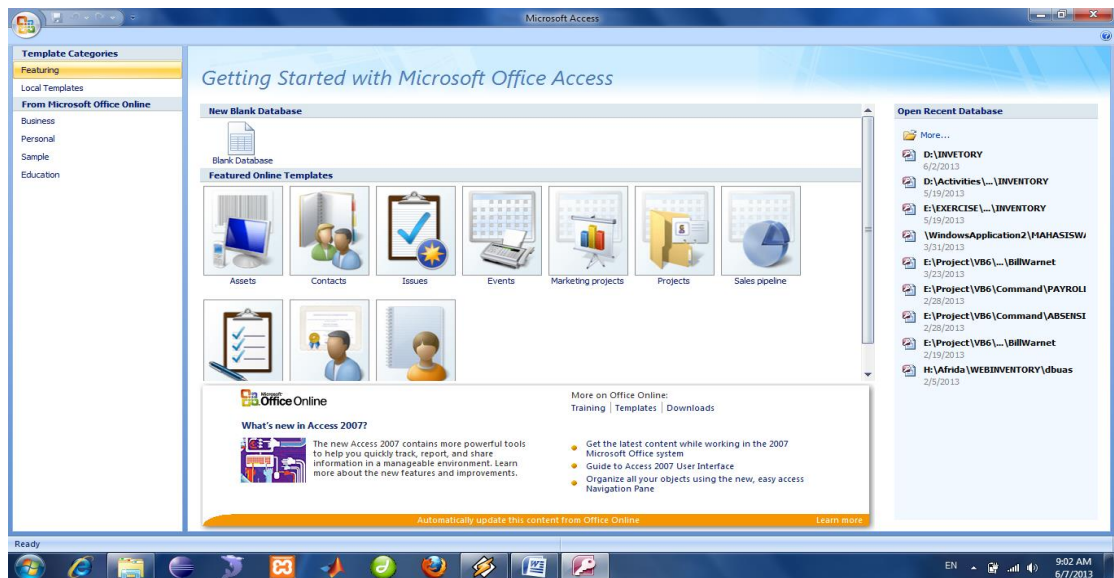


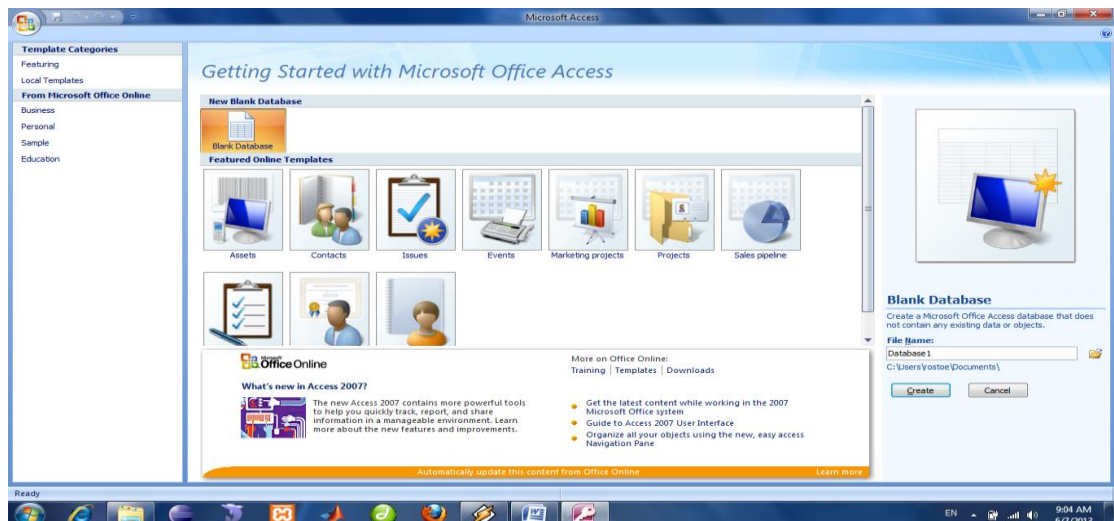
## 1. Open Program Microsoft Office Access 2007 (Untuk Versi yang lain silahkan disesuaikan)



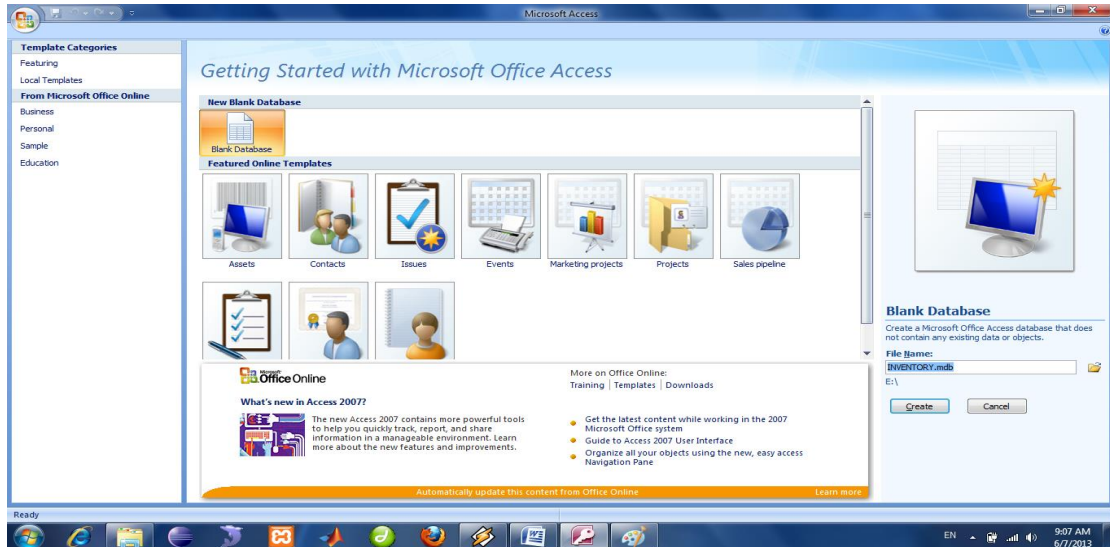
## 2. Home Screen Microsoft Access 2007



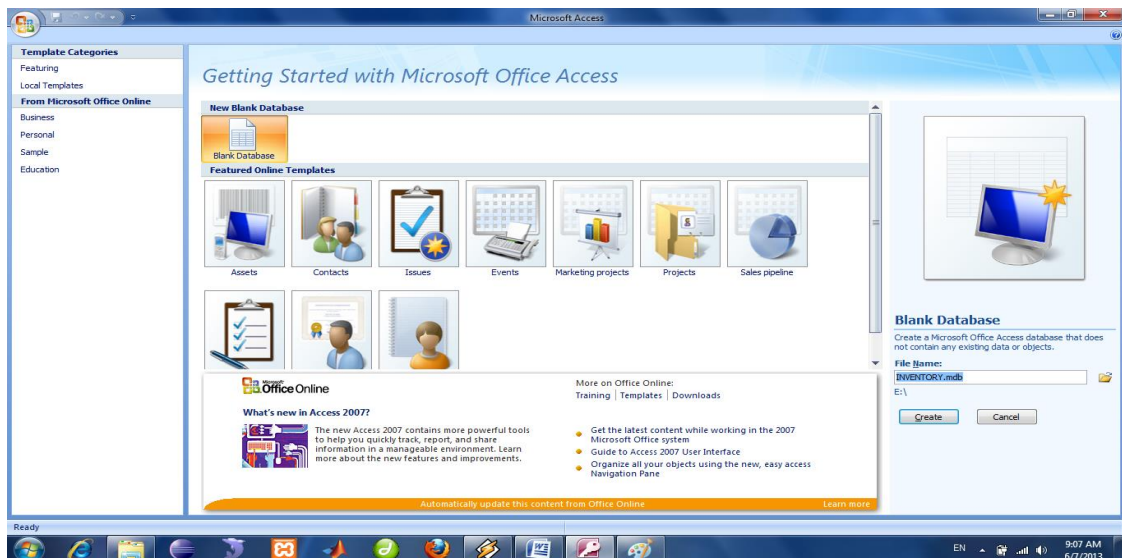
## 3. Click Blank Database



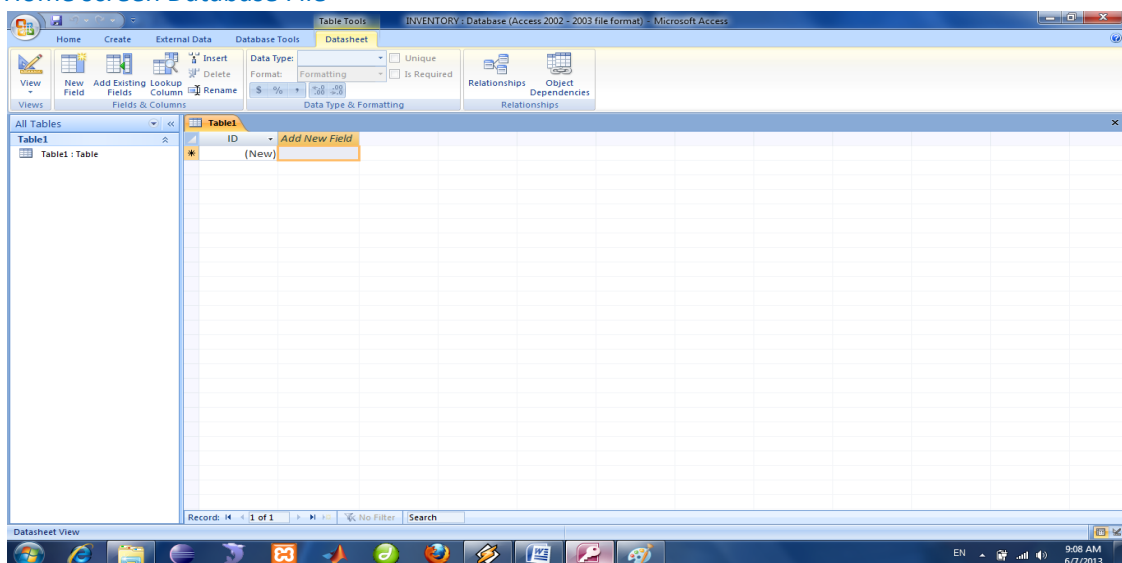
#### 4. Type Database Name (make sure your path folder)



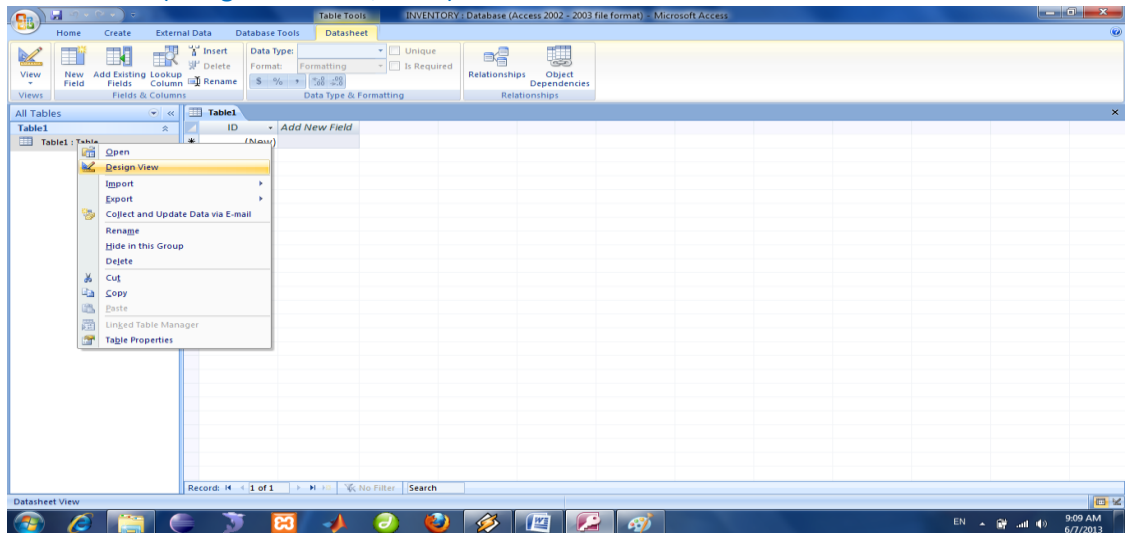
#### 5. Click Create for start create database file



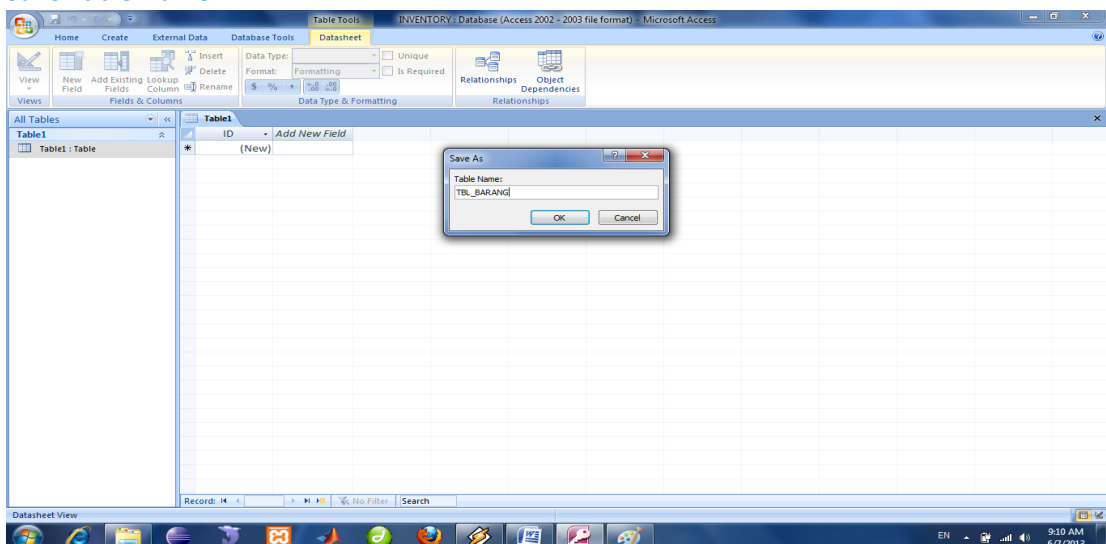
#### 6. Home screen Database File



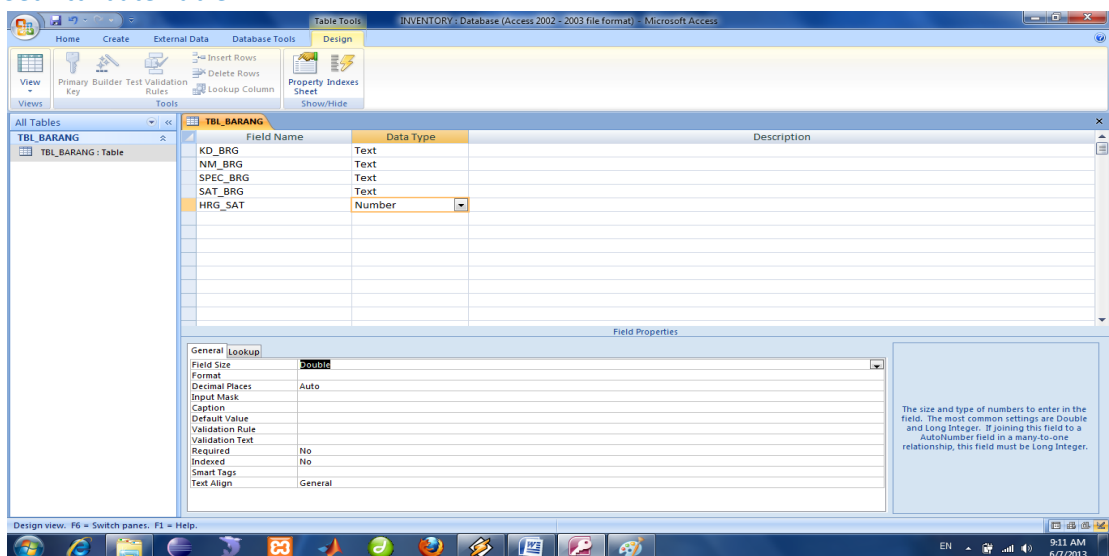
## 7. Create Table (Design Attribute / Field)



## 8. Save Table Name



## 9. Set Attribute Table



## 10. Create other Table (Detail All Table)

**Table : TBL\_BARANG**

| FIELD NAME | DATA TYPE | FIELD SIZE |
|------------|-----------|------------|
| KD_BRG     | Text      | 10         |
| NM_BRG     | Text      | 50         |
| SAT_BRG    | Text      | 15         |
| SPEC_BRG   | Text      | 25         |
| HRG_SAT    | Number    | Double     |

**Table : TBL\_PENERIMAAN**

| FIELD NAME    | DATA TYPE  | FIELD SIZE |
|---------------|------------|------------|
| NO_PENERIMAAN | Text       | 10         |
| TGL_TERIMA    | Date/ Time |            |
| KD_BRG        | Text       | 10         |
| QTY           | Number     | Double     |

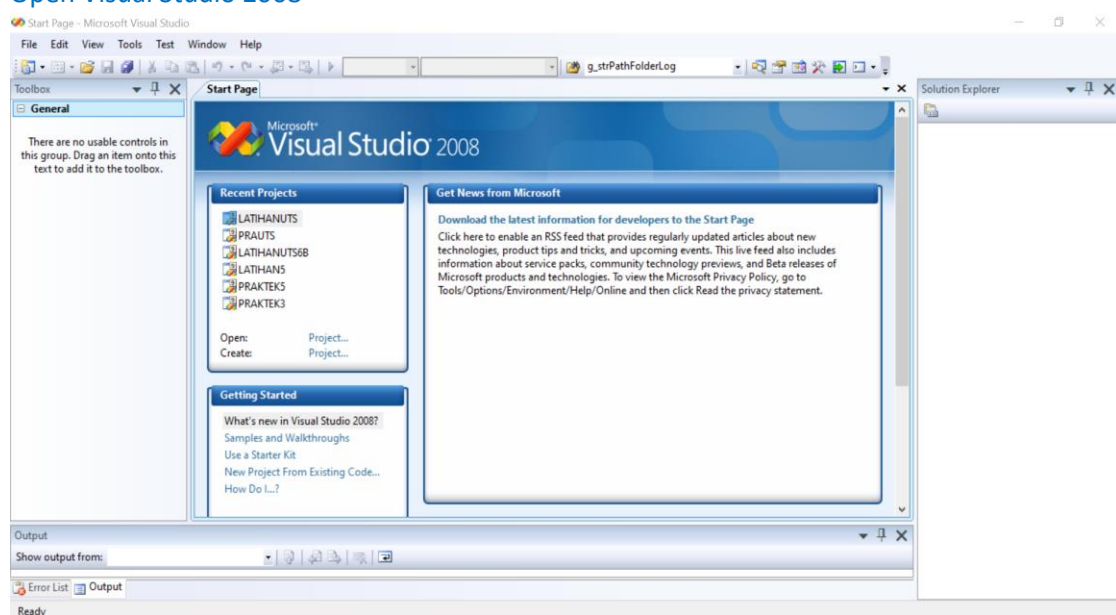
**Table : TBL\_PENGELUARAN**

| FIELD NAME      | DATA TYPE  | FIELD SIZE |
|-----------------|------------|------------|
| NO_PENGELUARAN  | Text       | 10         |
| TGL_PENGELUARAN | Date/ Time |            |
| KD_BRG          | Text       | 10         |
| QTY             | Number     | Double     |

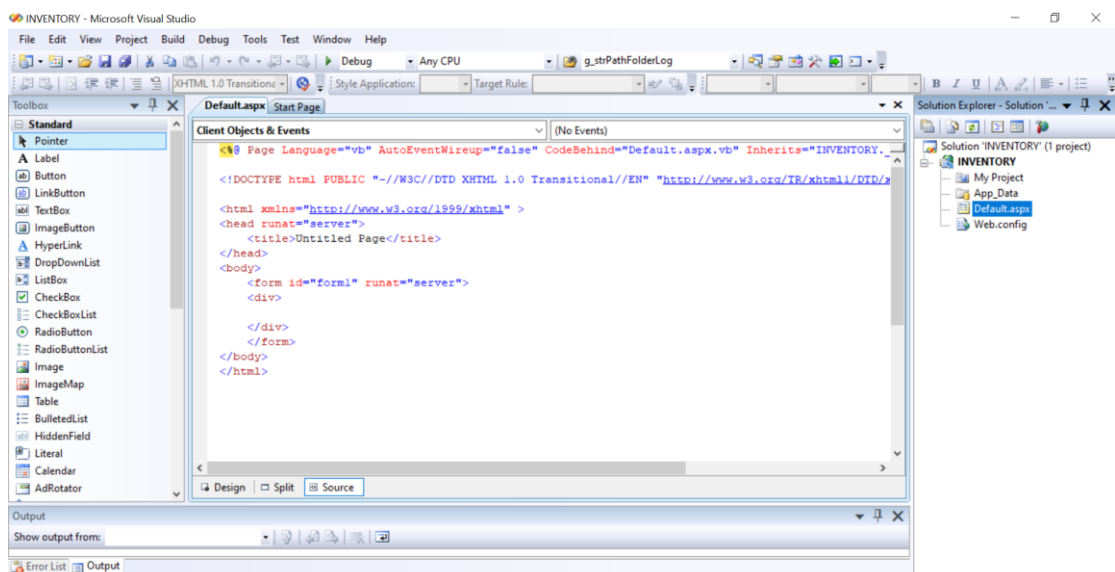
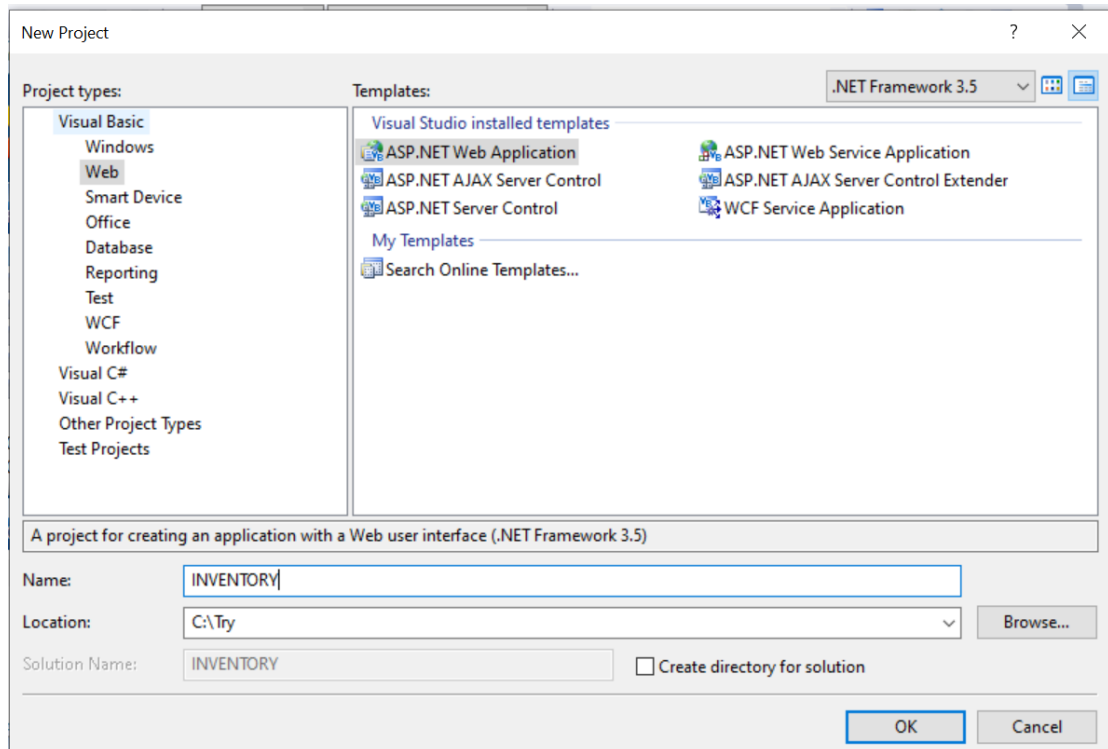
**Table : TBL\_STOCK**

| FIELD NAME | DATA TYPE | FIELD SIZE |
|------------|-----------|------------|
| KD_BRG     | Text      | 10         |
| QTY_IN     | Number    | Double     |
| QTY_OUT    | Number    | Double     |
| QTY_AKHIR  | Number    | Double     |

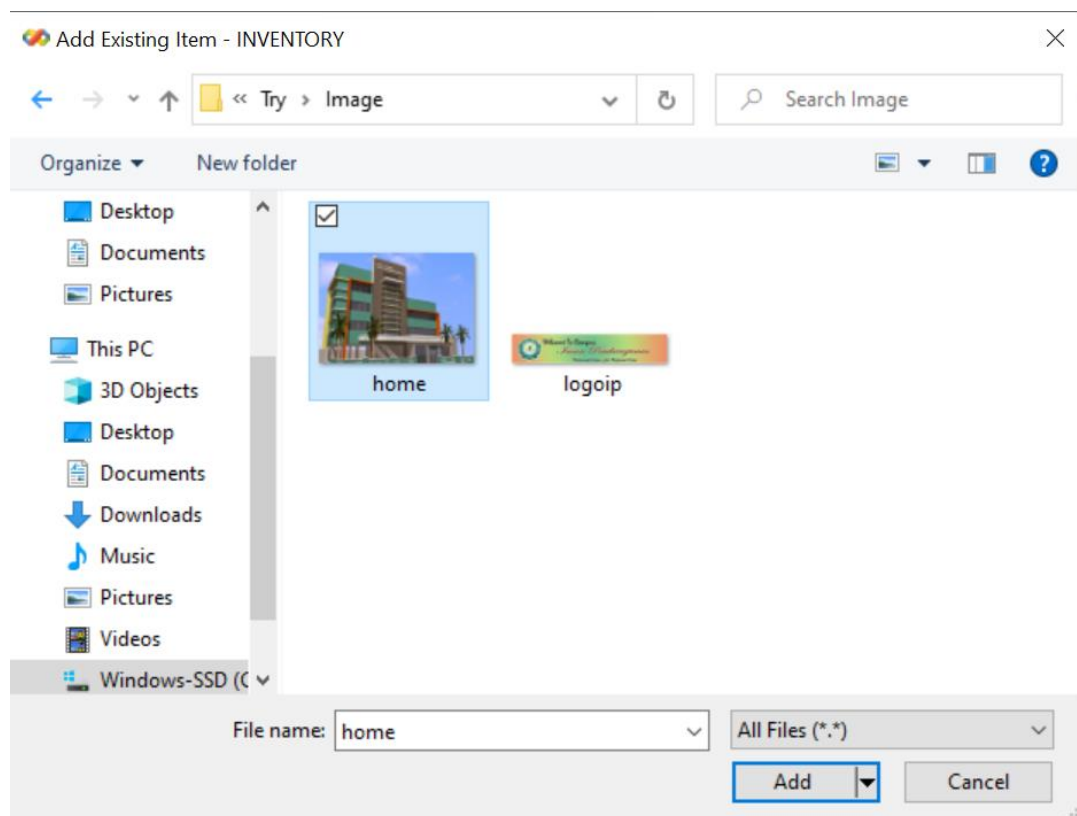
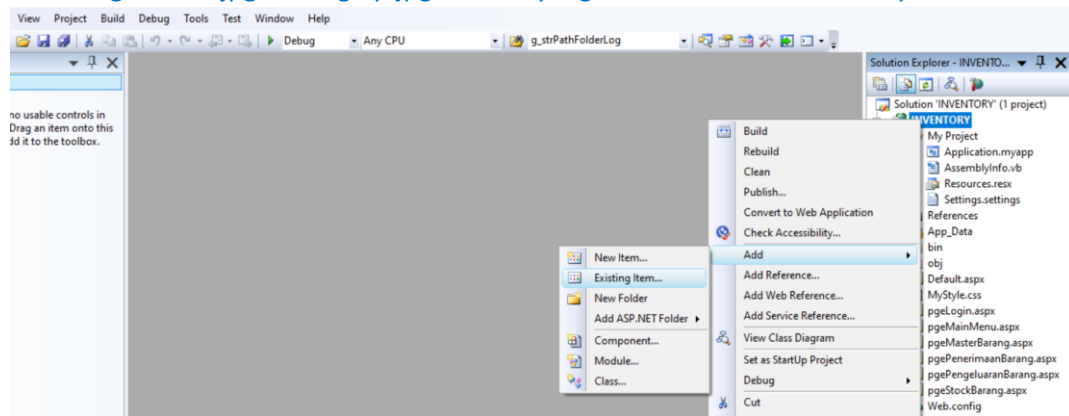
## 11. Open Visual Studio 2008



## 12. Create New Project Inventory

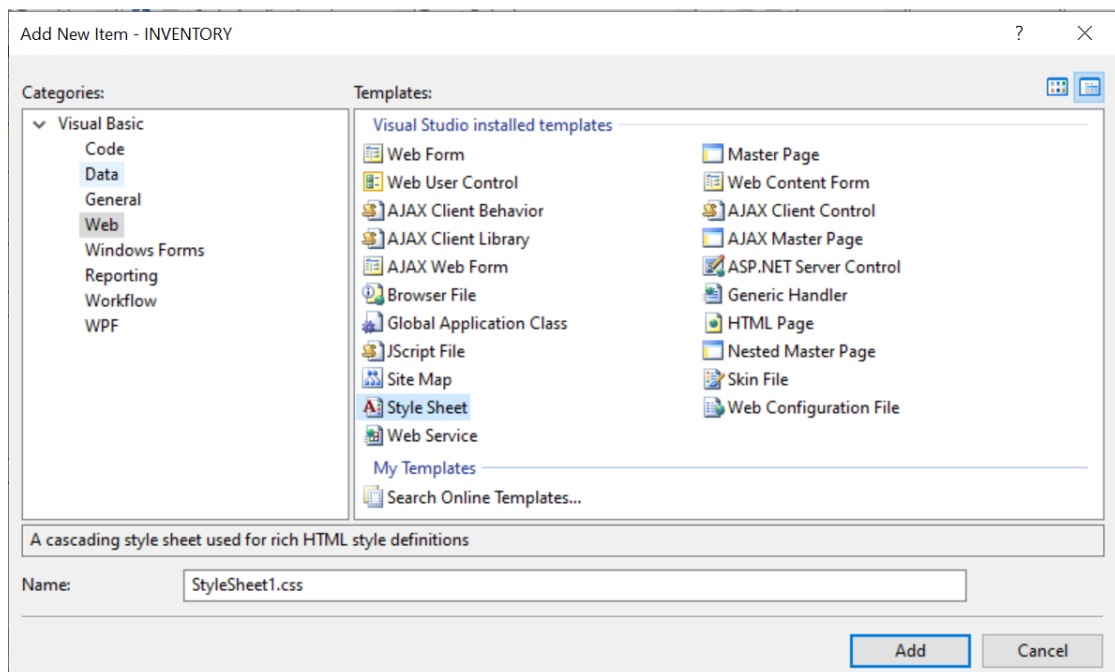
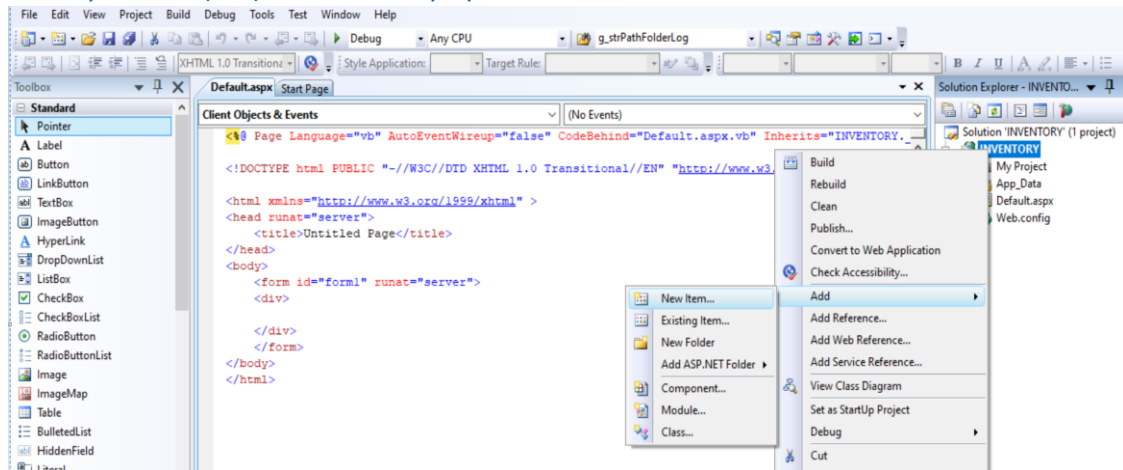


### 13. Add Image home.jpg dan logoip.jpg dari file yang sudah di share sebelumnya





#### 14. Add Style Sheet (CSS) with name MyStyle.CSS



#### Write code in MyStyle.CSS

.StyleMenu

```
{  
    width: 210px;  
}
```

```
.StyleMenu .HeaderBar {  
    font: bold 13px Verdana;  
    color: white;  
    background: #606060 url(arrowstop.gif) no-repeat 8px 6px;  
    margin-bottom: 0;  
    text-transform: uppercase;  
    padding: 7px 0 7px 31px;  
}
```

.StyleMenu ul

```

{
    list-style-type: none;
    margin: 0;
    padding: 0;
    margin-bottom: 0;
}

.StyleMenu ul li
{
    padding-bottom: 2px;
}

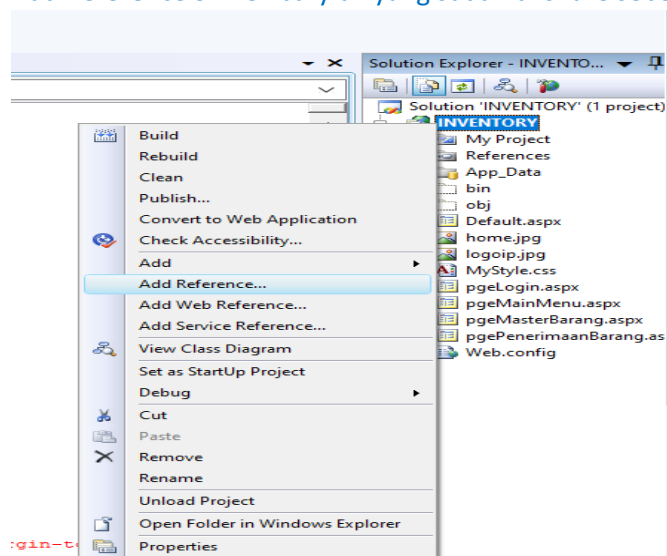
.StyleMenu ul li a
{
    font: normal 12px Arial;
    color: black;
    background :silver;
    display: block;
    padding: 5px 0;
    line-height: 17px;
    padding-left: 8px;
    text-decoration: none;
}

.StyleMenu ul li a:visited
{
    color: black;
}

.StyleMenu ul li a:hover
{
    color :white ;
    background: black;
}

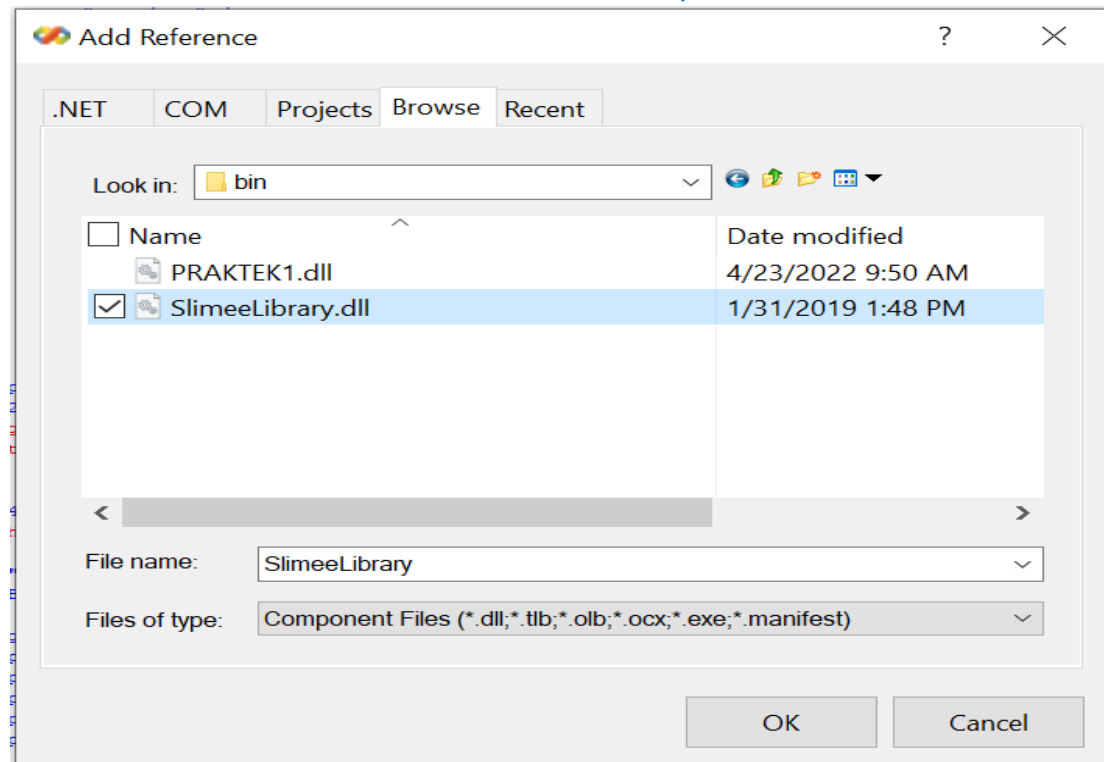
```

#### 15. Add Reference SlimLibrary.dll yang sudah di share sebelumnya





Pilih Tab Browse dan Pilih Folder dimana File SLimeLibrary.dll berada



#### 16. Add Web Form with name pgeLogin.aspx

##### a. [Write code in pgeLogin.aspx \(HTML\)](#)

```
<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="pgeLogin.aspx.vb"
Inherits="INVENTORY.pgeLogin" %>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml" >
```

```
<head runat="server">
```

```
<title>STMIK INSAN PEMBANGUNAN</title>
```

```
</head>
```

```
<body>
```

```
<form id="form1" runat="server">
```

```
<div style="width:1000px; height:600px; margin:auto; padding-bottom:10px; ">
```

```
<div style="width:980px; height:160px; background-color:silver; margin:auto;
padding-left:10px; padding-right:10px; margin-bottom:10px; padding-top:10px;" >
```

```

```

```
</div>
```

```
<div style="width:980px; height:330px; background-color:silver; margin:auto;
padding-left:10px; padding-right:10px; padding-top:100px; ">
```

```
<div style="width:300px; height:150px; background-color:white; margin:auto;
padding-left:10px; ">
```

```
<table >
```

```
<tr>
```

```
<td colspan="3" style="font-size:xx-large; ">Login Security</td>
```

```

        </tr>
        <tr>
            <td colspan="3" >&nbsp;</td>
        </tr>
        <tr>
            <td style="font-size:large;" >User Name</td>
            <td style="width:15px;" >&nbsp;</td>
            <td>
                <asp:TextBox ID="txtUser" runat="server"
Width="177"></asp:TextBox>
            </td>
        </tr>
        <tr>
            <td style="font-size:large;">Password</td>
            <td style="width:15px;" >&nbsp;</td>
            <td>
                <asp:TextBox ID="txtPass" runat="server" TextMode="Password"
Width="177" ></asp:TextBox>
            </td>
        </tr>
        <tr>
            <td>&nbsp;</td>
            <td style="width:15px;" >&nbsp;</td>
            <td>
                <asp:Button ID="btnLogin" runat="server" Text="Login" Width="90"
Height="25" />
                <asp:Button ID="btnClear" runat="server" Text="Clear" Width="90"
Height="25" />
            </td>
        </tr>
    </table>
</div>
</div>
</div>
</form>
</body>
</html>

```

b. [Write code in pgeLogin.aspx.vb \(View Code\)](#)

```
Public Class pgeLogin
```

```
    Inherits System.Web.UI.Page
```

```
    Protected Sub Page_Load(ByVal sender As Object, ByVal e As System.EventArgs)
```

```
Handles Me.Load
```

```
    End Sub
```

```
    Private Sub btnClear_Click(sender As Object, e As EventArgs) Handles btnClear.Click
```

```
        txtPass.Text = ""
```

```

        txtUser.Text = ""
    End Sub

    Private Sub btnLogin_Click(sender As Object, e As EventArgs) Handles btnLogin.Click
        Try
            If txtUser.Text = "" Then
                ShowMessageBox("USER TIDAK BOLEH KOSONG")
            ElseIf txtPass.Text = "" Then
                ShowMessageBox("PASSWORD TIDAK BOLEH KOSONG")
            Else
                If txtUser.Text = "ADMIN" And txtPass.Text = "123456" Then
                    Response.Redirect("pgeMainMenu.aspx", False)
                Else
                    ShowMessageBox("USER / PASSWORD TIDAK DIKENAL")
                End If
            End If
        Catch ex As Exception
            ShowMessageBox(ex.Message)
        End Try
    End Sub

```

```

    Private Sub ShowMessageBox(ByVal strMessage As String)
        Dim strScript As String = "<script language=JavaScript>"
        strScript += "alert('"' & strMessage & "');"
        strScript += "</script>"
        If (Not ClientScript.IsStartupScriptRegistered("MyMessage")) Then
            ClientScript.RegisterClientScriptBlock(Me.GetType(), "MyMessage", strScript)
        End If
    End Sub
End Class

```

#### 17. Add Web Form with name pgeMainMenu.aspx

##### a. [Write code in pgeMainMenu.aspx \(HTML\)](#)

```

<%@ Page Language="vb" AutoEventWireup="false"
CodeBehind="pgeMainMenu.aspx.vb" Inherits="INVENTORY.pgeMainMenu" %>

```

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

```

```

<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
    <title>STMIK INSAN PEMBANGUNAN</title>
    <link href="MyStyle.css" rel="stylesheet" type="text/css" />
    <style type="text/css">
        .style1
        {
            text-align: center;
        }
    </style>

```



```

        <span class="style2">Copyrights by STMIK INSAN PEMBANGUNAN -
TANGERANG</span><br class="style2" />
        <span class="style2"><span class="style2">&copy; 2021 All Rights
Reserved</span></span><span class="style2"> </span>
    </div>
</div>
</div>
</form>
</body>
</html>

```

b. [Write code in pgeMainMenu.aspx.vb \(View Code\)](#)

```

Public Class pgeMainMenu
    Inherits System.Web.UI.Page

    Protected Sub Page_Load(ByVal sender As Object, ByVal e As System.EventArgs)
        Handles Me.Load
    End Sub
End Class

```

18. Add Web Form with name pgeMasterBarang.aspx

a. [Write code in pgeMasterBarang.aspx \(HTML\)](#)

```

<%@ Page Language="vb" AutoEventWireup="false"
CodeBehind="pgeMasterBarang.aspx.vb" Inherits="INVENTORY.pgeMasterBarang" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
    <title>STMIK INSAN PEMBANGUNAN</title>
    <link href="MyStyle.css" rel="stylesheet" type="text/css" />
    <style type="text/css">
        .style1
        {
            text-align: center;
        }
        .style2
        {
            font-family: "Courier New";
            font-size: small;
            color: #FFFFFF;
        }
    </style>
</head>
<body>
    <form id="form1" runat="server">

```

```

        <div style="width:800px; height:610px; margin:auto; background:#999999;
padding-top:10px; border:1px; " >
        <div style="width:780px; height:125px; margin:auto; background:white; padding-
top:5px; " >
            <div style ="width:770px; height:110px; background:gray; margin:auto;
padding-top:0px; padding-bottom:0px;">
                
            </div>
        </div>
        <div style ="width:780px; height:415px; margin:auto; background:#999999;
margin-top:5px; padding-bottom :5px; " >
            <div style="width:230px; height:415px; float:left; background:white; " >
                <div style ="width:215px; height:395px; background:#333333; margin:auto;
padding-left:5px; padding-top:5px; padding-bottom:5px; margin-top:5px;">
                    <div class="StyleMenu">
                        <h3 class="HeaderBar">MAIN MENU</h3>
                        <ul>
                            <li><a href="pgeMainMenu.aspx">HOME</a></li>
                            <li><a href="pgeMasterBarang.aspx">MASTER BARANG</a></li>
                            <li><a href="pgePenerimaanBarang.aspx">PENERIMAAN
BARANG</a></li>
                            <li><a href="pgePengeluaranBarang.aspx">PENGELUARAN
BARANG</a></li>
                            <li><a href="pgeStockBarang.aspx">STOCK BARANG</a></li>
                            <li><a href="pgeLogin.aspx">LOGOUT</a></li>
                        </ul>
                    </div>
                </div>
            </div>
            <div style ="width:545px; height:415px; float:right; background:white;" >
                <div style =" width:515px; height:20px; background:silver; margin:auto;
padding-right :10px; padding-left:10px; padding-top:5px; padding-bottom:5px; margin-
top:5px;">
                    <table align="center" >
                        <tr align="center" valign="middle">
                            <td align="center" valign="middle">OLAH DATA MASTER
BARANG</td>
                        </tr>
                    </table>
                </div>
                <div style =" width:525px; height:150px; background:silver; margin:auto;
padding-right :10px; padding-left:0px; padding-top:5px; padding-bottom:5px; margin-
top:5px;">
                    <table>
                        <tr>
                            <td style="width:180px;">KODE BARANG</td>
                            <td>

```

```

        <asp:TextBox ID="txtKodeBarang" runat="server" Width="100px"
MaxLength="10"></asp:TextBox>
    </td>
</tr>
<tr>
    <td style="width:180px;">NAMA BARANG</td>
    <td>
        <asp:TextBox ID="txtNamaBarang" runat="server"
Width="330px"></asp:TextBox>
    </td>
</tr>
<tr>
    <td style="width:180px;">SPESIFIKASI BARANG</td>
    <td>
        <asp:TextBox ID="txtSpecBarang" runat="server"
Width="100px"></asp:TextBox>
    </td>
</tr>
<tr>
    <td style="width:180px;">SATUAN BARANG</td>
    <td>
        <asp:TextBox ID="txtSatuanBarang" runat="server"
Width="100px"></asp:TextBox>
    </td>
</tr>
<tr>
    <td style="width:180px;">HARGA SATUAN</td>
    <td>
        <asp:TextBox ID="txtHargaSatuan" runat="server" Width="100px"
></asp:TextBox>
    </td>
</tr>
<tr>
    <td>&nbsp;</td>
    <td>
        <asp:Button ID="btnSave" Width="80px" runat="server"
Text="Save" />
        <asp:Button ID="btnUpdate" Width="80px" runat="server"
Text="Update" />
        <asp:Button ID="btnDelete" Width="80px" runat="server"
Text="Delete" />
        <asp:Button ID="btnClear" Width="80px" runat="server"
Text="Clear" />
    </td>
</tr>
</table>
</div>

```



```

        <div style =" width:525px; height:200px; background:silver; margin:auto;
padding-right :5px; padding-left:5px; margin-top:5px; padding-top:5px; ">
        <div style =" width:520px; height:198px; background:white; margin:auto;
overflow:auto ; ">
            <asp:GridView ID ="grdList" runat ="server" AutoGenerateColumns
="false"
            ShowFooter ="false" Width ="600px" >
            <Columns >
                <asp:CommandField ControlStyle-ForeColor="Blue" HeaderText
="Select" ShowHeader="true" ShowSelectButton ="true" >
                    <ControlStyle ForeColor ="Blue" />
                </asp:CommandField>
                <asp:BoundField DataField ="KD_BRG" HeaderText ="KODE" ItemStyle-
Width ="40px" >
                    <HeaderStyle Wrap ="false" />
                    <ItemStyle Wrap ="false" />
                </asp:BoundField >
                <asp:BoundField DataField ="NM_BRG" HeaderText ="NAMA"
ItemStyle-Width ="250px" >
                    <HeaderStyle Wrap ="false" />
                    <ItemStyle Wrap ="false" />
                </asp:BoundField >
                <asp:BoundField DataField ="SAT_BRG" HeaderText ="SATUAN"
ItemStyle-Width ="100px" >
                    <HeaderStyle Wrap ="false" />
                    <ItemStyle Wrap ="false" />
                </asp:BoundField >
                <asp:BoundField DataField ="SPEC_BRG" HeaderText ="SPESIFIKASI"
ItemStyle-Width ="100px" >
                    <HeaderStyle Wrap ="false" />
                    <ItemStyle Wrap ="false" />
                </asp:BoundField >
                <asp:BoundField DataField ="HRG_SAT" HeaderText ="HARGA
SATUAN" ItemStyle-Width ="80px" ItemStyle-HorizontalAlign="Right" DataFormatString
="{0:N2}">
                    <HeaderStyle Wrap ="false" />
                    <ItemStyle Wrap ="false" />
                </asp:BoundField >
            </Columns>
        </asp:GridView>
        </div>
    </div>
</div>

    <div style="width:780px; height:40px; margin:auto; background:white; padding-
top:5px;" class="style1" >

```

```

        <div style ="width:770px; height:30px; background:#333333; margin:auto;
padding-bottom:5px;" >
            <span class="style2">Copyrights by STMIK INSAN PEMBANGUNAN -
TANGERANG</span><br class="style2" />
            <span class="style2"><span class="style2">&copy; 2021 All Rights
Reserved</span></span><span class="style2"> </span>
        </div>
    </div>
</form>
</body>
</html>

```

b. [Write code in pgeMasterBarang.aspx.vb \(View Code\)](#)

Imports System

Imports System.Data

Imports System.Data.OleDb

Public Class pgeMasterBarang

Inherits System.Web.UI.Page

Private strSQL As String

Private objDataTable As DataTable

Private objReader As OleDbDataReader

Private objAdapter As OleDbDataAdapter

Private objDataset As DataSet

Private myCon As OleDbConnection

Private objCommand As OleDbCommand

Private strCon As String

Protected Sub Page\_Load(ByVal sender As Object, ByVal e As System.EventArgs)

Handles Me.Load

Try

strCon = "Provider=Microsoft.Jet.OLEDB.4.0; Data Source=D:\Campus\IP\MODULE\VB  
NET 2\APPS\INVENTORY\Inventory.mdb;"

'Note : Untuk semua baris code ini disesuaikan dengan Lokasi Masing-Masing

If Not IsPostBack Then

Call ListGrid()

End If

Catch ex As Exception

ShowMessageBox(ex.Message)

End Try

End Sub

Private Sub btnSave\_Click(sender As Object, e As EventArgs) Handles btnSave.Click

Try

If txtKodeBarang.Text = "" Then

ShowMessageBox("Kode barang tidak boleh kosong")

txtKodeBarang.Focus()

```

ElseIf txtNamaBarang.Text = "" Then
    ShowMessageBox("Nama barang tidak boleh kosong")
    txtNamaBarang.Focus()
ElseIf txtSpecBarang.Text = "" Then
    ShowMessageBox("Spec barang tidak boleh kosong")
    txtSpecBarang.Focus()
ElseIf txtSatuanBarang.Text = "" Then
    ShowMessageBox("Satuan barang tidak boleh kosong")
    txtSatuanBarang.Focus()
ElseIf txtHargaSatuan.Text = "" Then
    ShowMessageBox("Harga satuan tidak boleh kosong")
    txtHargaSatuan.Focus()
Else
    myCon = New OleDbConnection(strCon)
    Try
        myCon.Open()
        strSQL = "Select * FROM TBL_BARANG WHERE KD_BRG = '" &
Trim(txtKodeBarang.Text) & "'"
        objCommand = New OleDbCommand(strSQL, myCon)
        objReader = objCommand.ExecuteReader(CommandBehavior.Default)
        If objReader.HasRows Then
            ShowMessageBox("Duplicate Data")
        Else
            objCommand.Dispose()
            strSQL = "INSERT INTO TBL_BARANG
(KD_BRG,NM_BRG,SAT_BRG,SPEC_BRG,HRG_SAT) VALUES('" & txtKodeBarang.Text &
"', '" & txtNamaBarang.Text & "', '" & txtSatuanBarang.Text & "', '" & txtSpecBarang.Text &
"', '" & CDbl(txtHargaSatuan.Text) & "')"
            objCommand = New OleDbCommand(strSQL, myCon)
            If objCommand.ExecuteNonQuery() > 0 Then
                ShowMessageBox("Data telah di simpan")
            Else
                ShowMessageBox("Data error di simpan")
            End If
        End If
        objReader.Close()
    Catch ex As Exception
        ShowMessageBox(ex.Message)
    Finally
        myCon.Close()
        objCommand = Nothing
        objReader = Nothing
        myCon = Nothing
        Call ListGrid()
        Call ClearObject()
    End Try
End If
Catch ex As Exception

```

```
        ShowMessageBox(ex.Message)
    End Try
End Sub
```

```
Private Sub btnDelete_Click(sender As Object, e As EventArgs) Handles btnDelete.Click
    If txtKodeBarang.Text = "" Or txtNamaBarang.Text = "" Or txtHargaSatuan.Text = ""
    Or txtSpecBarang.Text = "" Or txtSatuanBarang.Text = "" Then
        ShowMessageBox("Data kosong")
    Else
        myCon = New OleDbConnection(strCon)
        Try
            myCon.Open()
            strSQL = "DELETE FROM TBL_BARANG WHERE KD_BRG = '" &
Trim(txtKodeBarang.Text) & "'"
            objCommand = New OleDbCommand(strSQL, myCon)
            If objCommand.ExecuteNonQuery Then
                ShowMessageBox("Data telah dihapus")
            Else
                ShowMessageBox("Hapus gagal")
            End If
        Catch ex As Exception
            ShowMessageBox(ex.Message)
        Finally
            myCon.Close()
            objCommand = Nothing
            objReader = Nothing
            myCon = Nothing
            Call ListGrid()
            Call ClearObject()
        End Try
    End If
End Sub
```

```
Private Sub btnUpdate_Click(sender As Object, e As EventArgs) Handles
btnUpdate.Click
    If txtKodeBarang.Text = "" Or txtNamaBarang.Text = "" Or txtHargaSatuan.Text = ""
    Or txtSpecBarang.Text = "" Or txtSatuanBarang.Text = "" Then
        ShowMessageBox("Data kosong")
    Else
        myCon = New OleDbConnection(strCon)
        Try
            myCon.Open()
            strSQL = "UPDATE TBL_BARANG SET NM_BRG = '" & txtNamaBarang.Text & "',
SAT_BRG = '" & txtSatuanBarang.Text & "', SPEC_BRG = '" & txtSpecBarang.Text & "',
HRG_SAT = '" & Cdbl(txtHargaSatuan.Text) & "' WHERE KD_BRG = '" &
txtKodeBarang.Text & "'"
            objCommand = New OleDbCommand(strSQL, myCon)
            If objCommand.ExecuteNonQuery Then
```

```

        ShowMessageBox("Data telah diupdate")
    Else
        ShowMessageBox("Update gagal")
    End If
Catch ex As Exception
    ShowMessageBox("ERROR")
Finally
    myCon.Close()
    objCommand = Nothing
    objReader = Nothing
    myCon = Nothing
    Call ListGrid()
    Call ClearObject()
End Try
End If
End Sub

```

```

Private Sub ListGrid()
    Try
        objDataset = New DataSet
        myCon = New OleDbConnection(strCon)
        myCon.Open()
        strSQL = "SELECT * FROM TBL_BARANG ORDER BY KD_BRG ASC"
        objAdapter = New OleDbDataAdapter(strSQL, myCon)
        objAdapter.Fill(objDataset)
        grdList.DataSource = objDataset
        grdList.DataBind()
        myCon.Close()
    Catch ex As Exception
        ShowMessageBox(ex.Message)
    End Try
End Sub

```

```

Private Sub ClearObject()
    txtKodeBarang.Text = ""
    txtNamaBarang.Text = ""
    txtSpecBarang.Text = ""
    txtSatuanBarang.Text = ""
    txtHargaSatuan.Text = ""
End Sub

```

```

Private Sub grdList_SelectedIndexChanged(sender As Object, e As EventArgs) Handles
grdList.SelectedIndexChanged
    Try
        txtKodeBarang.Text = grdList.SelectedRow.Cells(1).Text
        txtNamaBarang.Text = grdList.SelectedRow.Cells(2).Text
        txtSatuanBarang.Text = grdList.SelectedRow.Cells(3).Text
        txtSpecBarang.Text = grdList.SelectedRow.Cells(4).Text
    End Try
End Sub

```

```

        txtHargaSatuan.Text = Format(CDbl(grdList.SelectedRow.Cells(5).Text),
"#,##0.00")
    Catch ex As Exception
        ShowMessageBox(ex.Message)
    End Try
End Sub

Private Sub btnClear_Click(ByVal sender As Object, ByVal e As System.EventArgs)
Handles btnClear.Click
    Call ClearObject()
End Sub

Private Sub ShowMessageBox(ByVal strMessage As String)
    Dim strScript As String = "<script language=JavaScript>"
    strScript += "alert('"' & strMessage & "');"
    strScript += "</script>"
    If (Not ClientScript.IsStartupScriptRegistered("MyMessage")) Then
        ClientScript.RegisterClientScriptBlock(Me.GetType(), "MyMessage", strScript)
    End If
End Sub
End Class

```

#### 19. Add Web Form with name pgePenerimaanBarang.aspx

##### a. [Write code in pgePenerimaanBarang.aspx \(HTML\)](#)

```

<%@ Page Language="vb" AutoEventWireup="false"
CodeBehind="pgePenerimaanBarang.aspx.vb"
Inherits="INVENTORY.pgePenerimaanBarang" %>
<%@ Register Assembly="SlimeeLibrary" Namespace="SlimeeLibrary" TagPrefix="cc1"
%>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
    <title>STMIK INSAN PEMBANGUNAN</title>
    <link href="MyStyle.css" rel="stylesheet" type="text/css" />
    <style type="text/css">
        .style1
        {
            text-align: center;
        }
        .style2
        {
            font-family: "Courier New";
            font-size: small;
            color: #FFFFFF;
        }
    </style>

```





```
 NO. BUKTI</td> <td>     <asp:TextBox ID="txtNomor" runat="server" Width="100px" MaxLength="10"></asp:TextBox> </td> </tr> <tr>  TANGGAL TRANSAKSI</td> <td>     <cc1:DatePicker ID="dtTglTrans" runat="server" Width="80px" PaneWidth="150px" EnableViewState="true">         <PaneTableStyle BorderColor="#707070" BorderWidth="1px" BorderStyle="Solid" />         <PaneHeaderStyle BackColor="#0099FF" />         <TitleStyle ForeColor="White" Font-Bold="true" />         <NextPrevMonthStyle ForeColor="White" Font-Bold="true" />         <NextPrevYearStyle ForeColor="#E0E0E0" Font-Bold="true" />         <DayHeaderStyle BackColor="#E8E8E8" />         <TodayStyle BackColor="#FFFFCC" ForeColor="#000000" Font- Underline="false" BorderColor="#FFCC99"/>         <AlternateMonthStyle BackColor="#F0F0F0" ForeColor="#707070" Font-Underline="false"/>         <MonthStyle BackColor="" ForeColor="#000000" Font- Underline="false"/>     </cc1:DatePicker> </td> </tr> <tr>  KODE BARANG</td> <td>     <asp:DropDownList ID="ddlBarang" runat="server" Width="330px"></asp:DropDownList> </td> </tr> <tr>  QUANTITY BARANG</td> <td>     <asp:TextBox ID="txtQty" runat="server" Width="100px" ></asp:TextBox> </td> </tr> <tr>  TOTAL HARGA</td> <td>     <asp:TextBox ID="txtHarga" runat="server" Width="200px" ReadOnly="true" ></asp:TextBox> </td> </tr> | | | | |
```

```

        <tr>
            <td>&nbsp;</td>
            <td>
                <asp:Button ID="btnSave" Width="80px" runat="server"
Text="Save" />
                <asp:Button ID="btnDelete" Width="80px" runat="server"
Text="Delete" />
                <asp:Button ID="btnClear" Width="80px" runat="server"
Text="Clear" />
            </td>
        </tr>
    </table>
</div>
<div style =" width:525px; height:200px; background:silver; margin:auto;
padding-right :10px; padding-left:0px; padding-top:5px; padding-bottom:5px; margin-
top:5px; overflow:auto ; ">
    <div style =" width:520px; height:198px; background:white; margin:auto;
overflow:auto ; ">
        <asp:GridView ID ="grdList" runat ="server" AutoGenerateColumns
="false"
        ShowFooter ="false" Width ="600px" >
            <Columns >
                <asp:CommandField ControlStyle-ForeColor="Blue" HeaderText
="Select" ShowHeader="true" ShowSelectButton ="true" >
                    <ControlStyle ForeColor ="Blue" />
                </asp:CommandField>
                <asp:BoundField DataField ="NO_PENERIMAAN" HeaderText
="NOMOR" ItemStyle-Width ="40px" >
                    <HeaderStyle Wrap ="false" />
                    <ItemStyle Wrap ="false" />
                </asp:BoundField >
                <asp:BoundField DataField ="TGL_TERIMA" HeaderText ="TANGGAL"
ItemStyle-Width ="150px" DataFormatString ="{0:dd MMM yyyy}" >
                    <HeaderStyle Wrap ="false" />
                    <ItemStyle Wrap ="false" />
                </asp:BoundField >
                <asp:BoundField DataField ="KD_BRG" HeaderText ="KODE BARANG"
ItemStyle-Width ="200px" >
                    <HeaderStyle Wrap ="false" />
                    <ItemStyle Wrap ="false" />
                </asp:BoundField >
                <asp:BoundField DataField ="NM_BRG" HeaderText ="NAMA
BARANG" ItemStyle-Width ="100px" >
                    <HeaderStyle Wrap ="false" />
                    <ItemStyle Wrap ="false" />
                </asp:BoundField >

```

```

        <asp:BoundField DataField ="HRG_SAT" HeaderText ="HARGA
SATUAN" ItemStyle-Width ="80px" ItemStyle-HorizontalAlign="Right" DataFormatString
="{0:N0}" >
            <HeaderStyle Wrap ="false" />
            <ItemStyle Wrap ="false" />
        </asp:BoundField >
        <asp:BoundField DataField ="QTY" HeaderText ="QUANTITY"
ItemStyle-Width ="80px" ItemStyle-HorizontalAlign="Right" DataFormatString ="{0:N0}"
>
            <HeaderStyle Wrap ="false" />
            <ItemStyle Wrap ="false" />
        </asp:BoundField >
        <asp:BoundField DataField ="TOT_HRG" HeaderText ="TOTAK
HARGA" ItemStyle-Width ="80px" ItemStyle-HorizontalAlign="Right" DataFormatString
="{0:N2}" >
            <HeaderStyle Wrap ="false" />
            <ItemStyle Wrap ="false" />
        </asp:BoundField >
    </Columns>
</asp:GridView>
</div>

</div>
</div>
</div>

<div style="width:780px; height:40px; margin:auto; background:white; padding-
top:5px;" class="style1" >
    <div style ="width:770px; height:30px; background:#333333; margin:auto;
padding-bottom:5px;" >
        <span class="style2">Copyrights by STMIK INSAN PEMBANGUNAN -
TANGERANG</span><br class="style2" />
        <span class="style2"><span class="style2">&copy; 2021 All Rights
Reserved</span></span><span class="style2"> </span>
    </div>
</div>
</div>
</form>
</body>
</html>

```

b. [Write code in pgePenerimaanBarang.aspx.vb \(View Code\)](#)

```

Imports System
Imports System.Data
Imports System.Data.OleDb
Public Class pgePenerimaanBarang
    Inherits System.Web.UI.Page
    Private strSQL As String

```

```

Private objDataTable As DataTable
Private objReader As OleDbDataReader
Private objAdapter As OleDbDataAdapter
Private objDataset As DataSet
Private myCon As OleDbConnection
Private objCommand As OleDbCommand
Private strCon As String
Private arrBarang(3) As String
Private dblNewIn As Double
Private dblNewAkhir As Double
Private tmpNewIn As Double
Private tmpNewAkhir As Double
Private tmpQty As Double

```

```

Protected Sub Page_Load(ByVal sender As Object, ByVal e As System.EventArgs)
Handles Me.Load
    Try
        strCon = "Provider=Microsoft.Jet.OLEDB.4.0; Data Source=D:\Campus\IP\MODULE\VB
        NET 2\APPS\INVENTORY\Inventory.mdb;"
        If Not IsPostBack Then
            Call ListGrid()
            Call PopulateBarang()
        End If
        Catch ex As Exception
        ShowMessageBox(ex.Message)
        End Try
    End Sub

```

```

Private Sub ShowMessageBox(ByVal strMessage As String)
    Dim strScript As String = "<script language=JavaScript>"
    strScript += "alert('"' & strMessage & "');"
    strScript += "</script>"
    If (Not ClientScript.IsStartupScriptRegistered("MyMessage")) Then
        ClientScript.RegisterClientScriptBlock(Me.GetType(), "MyMessage", strScript)
    End If
End Sub

```

```

Private Sub ListGrid()
    Try
        objDataset = New DataSet
        myCon = New OleDbConnection(strCon)
        myCon.Open()
        strSQL = "SELECT
        A.NO_PENERIMAAN,A.TGL_TERIMA,A.QTY,A.KD_BRG,B.NM_BRG,B.HRG_SAT, A.QTY *
        B.HRG_SAT AS TOT_HRG FROM TBL_PENERIMAAN A, TBL_BARANG B WHERE
        A.KD_BRG=B.KD_BRG ORDER BY A.NO_PENERIMAAN,A.KD_BRG ASC"
        objAdapter = New OleDbDataAdapter(strSQL, myCon)
        objAdapter.Fill(objDataset)
    End Try
End Sub

```

```

        grdList.DataSource = objDataset
        grdList.DataBind()
        myCon.Close()
    Catch ex As Exception
        grdList.DataSource = Nothing
        grdList.DataBind()
    End Try
End Sub

Private Sub ClearObject()
    Try
        txtNomor.Text = ""
        txtHarga.Text = ""
        txtQty.Text = ""
        dtTglTrans.SelectedDate = Nothing
        ddlBarang.Text = ""
    Catch ex As Exception

    End Try
End Sub

Private Sub PopulateBarang()
    Try
        ddlBarang.Items.Clear()
        myCon = New OleDbConnection(strCon)
        objDataTable = New DataTable
        myCon.Open()
        strSQL = "SELECT KD_BRG,NM_BRG,HRG_SAT FROM TBL_BARANG ORDER BY
KD_BRG ASC"
        objCommand = New OleDbCommand(strSQL, myCon)
        objReader = objCommand.ExecuteReader(CommandBehavior.Default)
        If objReader.HasRows Then
            ddlBarang.Items.Add("")
            While objReader.Read
                ddlBarang.Items.Add(objReader(0) & "-" & objReader(1) & "-" &
objReader(2))
            End While
        End If
        objCommand.Dispose()
        objReader.Close()
        myCon.Close()
        objCommand = Nothing
        objReader = Nothing
        myCon = Nothing
    Catch ex As Exception

    End Try
End Sub

```

```

Private Sub btnSave_Click(sender As Object, e As EventArgs) Handles btnSave.Click
    If txtNomor.Text = "" Then
        ShowMessageBox("Nomor penerimaan tidak boleh kosong")
        txtNomor.Focus()
    ElseIf ddlBarang.Text = "" Then
        ShowMessageBox("Kode barang tidak boleh kosong")
        ddlBarang.Focus()
    ElseIf txtQty.Text = "" Then
        ShowMessageBox("Quantity tidak boleh kosong")
        txtQty.Focus()
    Else
        myCon = New OleDbConnection(strCon)
        Try
            arrBarang = Split(ddlBarang.Text, "-")
            myCon.Open()
            strSQL = "SELECT * FROM TBL_PENERIMAAN WHERE NO_PENERIMAAN = '" &
Trim(txtNomor.Text) & "'"
            objCommand = New OleDbCommand(strSQL, myCon)
            objReader = objCommand.ExecuteReader(CommandBehavior.Default)
            If objReader.HasRows Then
                ShowMessageBox("Duplicate Data")
            Else
                objCommand.Dispose()
                strSQL = "INSERT INTO TBL_PENERIMAAN
(NO_PENERIMAAN,TGL_TERIMA,KD_BRG,QTY) VALUES('" & txtNomor.Text & "','" &
dtTglTrans.SelectedDate & "','" & arrBarang(0) & "','" & CDbI(txtQty.Text) & "'"
                objCommand = New OleDbCommand(strSQL, myCon)
                If objCommand.ExecuteNonQuery() Then
                    ShowMessageBox("Data telah di simpan")
                Else
                    ShowMessageBox("Data error di simpan")
                End If
            End If
            objReader.Close()

            strSQL = "SELECT * FROM TBL_STOCK WHERE KD_BRG = '" & arrBarang(0) & "'"
            objCommand = New OleDbCommand(strSQL, myCon)
            objReader = objCommand.ExecuteReader(CommandBehavior.Default)
            If objReader.HasRows Then
                objReader.Read()
                dbINewAkhir = CDbI(objReader(3)) + CDbI(txtQty.Text)
                dbINewIn = CDbI(objReader(1)) + CDbI(txtQty.Text)
                strSQL = "UPDATE TBL_STOCK SET QTY_IN = " & dbINewIn & ",QTY_AKHIR = "
& dbINewAkhir & " WHERE KD_BRG ='" & arrBarang(0) & "'"
                objCommand = New OleDbCommand(strSQL, myCon)
                objCommand.ExecuteNonQuery()
            Else

```

```

        strSQL = "INSERT INTO TBL_STOCK (KD_BRG,QTY_IN,QTY_OUT,QTY_AKHIR)
VALUES('" & arrBarang(0) & "','" & Cdbl(txtQty.Text) & ",0,'" & Cdbl(txtQty.Text) & "'"
        objCommand = New OleDbCommand(strSQL, myCon)
        objCommand.ExecuteNonQuery()
    End If
Catch ex As Exception
    ShowMessageBox("ERROR")
Finally
    myCon.Close()
    objCommand = Nothing
    objReader = Nothing
    myCon = Nothing
    Call ListGrid()
    Call ClearObject()
End Try
End If
End Sub

```

Private Sub grdList\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles  
grdList.SelectedIndexChanged

```

    Try
        txtNomor.Text = grdList.SelectedRow.Cells(1).Text
        dtTglTrans.SelectedDate = CDate(grdList.SelectedRow.Cells(2).Text)
        ddlBarang.Text = grdList.SelectedRow.Cells(3).Text & "-" &
grdList.SelectedRow.Cells(4).Text & "-" & grdList.SelectedRow.Cells(5).Text
        txtQty.Text = Format(Cdbl(grdList.SelectedRow.Cells(6).Text), "#,##0")
        txtHarga.Text = Format(Cdbl(grdList.SelectedRow.Cells(7).Text), "#,##0.00")
    Catch ex As Exception

    End Try
End Sub

```

Private Sub btnDelete\_Click(sender As Object, e As EventArgs) Handles btnDelete.Click

```

    If txtNomor.Text = "" Or txtQty.Text = "" Or ddlBarang.Text = "" Then
        ShowMessageBox("Data kosong")
    Else
        myCon = New OleDbConnection(strCon)
        Try
            arrBarang = Split(ddlBarang.Text, "-")
            myCon.Open()
            strSQL = "DELETE FROM TBL_PENERIMAAN WHERE NO_PENERIMAAN = '" &
Trim(txtNomor.Text) & "'"
            objCommand = New OleDbCommand(strSQL, myCon)
            If objCommand.ExecuteNonQuery Then
                ShowMessageBox("Data telah dihapus")
            Else
                ShowMessageBox("Hapus gagal")
            End If
        End Try
    End If

```



```

        strSQL = "SELECT * FROM TBL_STOCK WHERE KD_BRG = '" & arrBarang(0) & "'"
        objCommand = New OleDbCommand(strSQL, myCon)
        objReader = objCommand.ExecuteReader(CommandBehavior.Default)
        If objReader.HasRows Then
            objReader.Read()
            dblNewAkhir = Cdbl(objReader(3)) - Cdbl(txtQty.Text)
            dblNewIn = Cdbl(objReader(1)) - Cdbl(txtQty.Text)
            strSQL = "UPDATE TBL_STOCK SET QTY_IN = '" & dblNewIn & "',QTY_AKHIR = '"
            & dblNewAkhir & "' WHERE KD_BRG = '" & arrBarang(0) & "'"
            objCommand = New OleDbCommand(strSQL, myCon)
            objCommand.ExecuteNonQuery()
        End If
    Catch ex As Exception
        ShowMessageBox("ERROR")
    Finally
        myCon.Close()
        objCommand = Nothing
        objReader = Nothing
        myCon = Nothing
        Call ListGrid()
        Call ClearObject()
    End Try
End If
End Sub

Private Sub btnClear_Click(sender As Object, e As EventArgs) Handles btnClear.Click
    Call ClearObject()
End Sub
End Class

```

## 20. Add Web Form with name pgePengeluaranBarang.aspx

### a. [Write code in pgePengeluaranBarang.aspx \(HTML\)](#)

```

<%@ Page Language="vb" AutoEventWireup="false"
CodeBehind="pgePengeluaranBarang.aspx.vb"
Inherits="INVENTORY.pgePengeluaranBarang" %>
<%@ Register Assembly="SlimeeLibrary" Namespace="SlimeeLibrary" TagPrefix="cc1"
%>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
    <title>STMIK INSAN PEMBANGUNAN</title>
    <link href="MyStyle.css" rel="stylesheet" type="text/css" />
    <style type="text/css">
        .style1
        {
            text-align: center;

```



```

        </tr>
    </table>
</div>
<div style =" width:525px; height:145px; background:silver; margin:auto;
padding-right :10px; padding-left:0px; padding-top:5px; padding-bottom:5px; margin-
top:5px; ">
    <table>
    <tr>
        <td style="width:180px;">NO. BUKTI</td>
        <td>
            <asp:TextBox ID="txtNomor" runat="server" Width="100px"
MaxLength="10" ></asp:TextBox>
        </td>
    </tr>
    <tr>
        <td style="width:180px;">TANGGAL TRANSAKSI</td>
        <td>
            <cc1:DatePicker ID="dtTglTrans" runat="server" Width="80px"
PaneWidth="150px" EnableViewState="true">
                <PaneTableStyle BorderColor="#707070" BorderWidth="1px"
BorderStyle="Solid" />
                <PaneHeaderStyle BackColor="#0099FF" />
                <TitleStyle ForeColor="White" Font-Bold="true" />
                <NextPrevMonthStyle ForeColor="White" Font-Bold="true" />
                <NextPrevYearStyle ForeColor="#E0E0E0" Font-Bold="true" />
                <DayHeaderStyle BackColor="#E8E8E8" />
                <TodayStyle BackColor="#FFFFCC" ForeColor="#000000" Font-
Underline="false" BorderColor="#FFCC99"/>
                <AlternateMonthStyle BackColor="#F0F0F0"
ForeColor="#707070" Font-Underline="false"/>
                <MonthStyle BackColor="" ForeColor="#000000" Font-
Underline="false"/>
            </cc1:DatePicker>
        </td>
    </tr>
    <tr>
        <td style="width:180px;">KODE BARANG</td>
        <td>
            <asp:DropDownList ID="ddlBarang" runat="server"
Width="330px"></asp:DropDownList>
        </td>
    </tr>
    <tr>
        <td style="width:180px;">QUANTITY BARANG</td>
        <td>
            <asp:TextBox ID="txtQty" runat="server" Width="100px"
></asp:TextBox>
        </td>
    </tr>

```



```

        <ItemStyle Wrap ="false" />
    </asp:BoundField >
    <asp:BoundField DataField ="NM_BRG" HeaderText ="NAMA
BARANG" ItemStyle-Width ="100px" >
        <HeaderStyle Wrap ="false" />
        <ItemStyle Wrap ="false" />
    </asp:BoundField >
    <asp:BoundField DataField ="HRG_SAT" HeaderText ="HARGA
SATUAN" ItemStyle-Width ="80px" ItemStyle-HorizontalAlign="Right" DataFormatString
="{0:N0}">
        <HeaderStyle Wrap ="false" />
        <ItemStyle Wrap ="false" />
    </asp:BoundField >
    <asp:BoundField DataField ="QTY" HeaderText ="QUANTITY"
ItemStyle-Width ="80px" ItemStyle-HorizontalAlign="Right" DataFormatString
="{0:N0}">
        <HeaderStyle Wrap ="false" />
        <ItemStyle Wrap ="false" />
    </asp:BoundField >
    <asp:BoundField DataField ="TOT_HRG" HeaderText ="TOTAK
HARGA" ItemStyle-Width ="80px" ItemStyle-HorizontalAlign="Right" DataFormatString
="{0:N2}">
        <HeaderStyle Wrap ="false" />
        <ItemStyle Wrap ="false" />
    </asp:BoundField >
</Columns>
</asp:GridView>
</div>
</div>
</div>
</div>

```

```

<div style="width:780px; height:40px; margin:auto; background:white; padding-
top:5px;" class="style1" >
    <div style ="width:770px; height:30px; background:#333333; margin:auto;
padding-bottom:5px;" >
        <span class="style2">Copyrights by STMIK INSAN PEMBANGUNAN -
TANGERANG</span><br class="style2" />
        <span class="style2"><span class="style2">&copy; 2021 All Rights
Reserved</span></span><span class="style2"> </span>
    </div>
</div>
</form>
</body>
</html>

```

b. [Write code in pgePengeluaranBarang.aspx.vb \(View Code\)](#)

```
Imports System
Imports System.Data
Imports System.Data.OleDb
```

```
Public Class pgePengeluaranBarang
    Inherits System.Web.UI.Page
    Private strSQL As String
    Private objDataTable As DataTable
    Private objReader As OleDbDataReader
    Private objAdapter As OleDbDataAdapter
    Private objDataset As DataSet
    Private myCon As OleDbConnection
    Private objCommand As OleDbCommand
    Private strCon As String
    Private arrBarang(3) As String
    Private dblNewOut As Double
    Private dblNewAkhir As Double
    Private dblLastOut As Double
    Private dblLastAkhir As Double
```

```
    Protected Sub Page_Load(ByVal sender As Object, ByVal e As System.EventArgs)
        Handles Me.Load
        Try
            strCon = "Provider=Microsoft.Jet.OLEDB.4.0; Data
Source=D:\Campus\IP\MODULE\VB NET 2\APPS\INVENTORY\Inventory.mdb;"
            If Not IsPostBack Then
                Call ListGrid()
                Call PopulateBarang()
            End If
            Catch ex As Exception
                ShowMessageBox(ex.Message)
            End Try
        End Sub
```

```
    Private Sub ListGrid()
        Try
            objDataset = New DataSet
            myCon = New OleDbConnection(strCon)
            myCon.Open()
            strSQL = "SELECT
A.NO_PENGELUARAN,A.TGL_PENGELUARAN,A.QTY,A.KD_BRG,B.NM_BRG,B.HRG_SAT,
A.QTY * B.HRG_SAT AS TOT_HRG FROM TBL_PENGELUARAN A, TBL_BARANG B WHERE
A.KD_BRG=B.KD_BRG ORDER BY A.NO_PENGELUARAN,A.KD_BRG ASC"
            objAdapter = New OleDbDataAdapter(strSQL, myCon)
            objAdapter.Fill(objDataset)
            grdList.DataSource = objDataset
            grdList.DataBind()
            myCon.Close()
```

```

Catch ex As Exception
    grdList.DataSource = Nothing
    grdList.DataBind()
End Try
End Sub

```

```

Private Sub ClearObject()
    Try
        txtNomor.Text = ""
        txtHarga.Text = ""
        txtQty.Text = ""
        dtTglTrans.SelectedDate = Nothing
        ddlBarang.Text = ""
    Catch ex As Exception

    End Try
End Sub

```

```

Private Sub PopulateBarang()
    Try
        ddlBarang.Items.Clear()
        myCon = New OleDbConnection(strCon)
        objDataTable = New DataTable
        myCon.Open()
        strSQL = "SELECT KD_BRG,NM_BRG,HRG_SAT FROM TBL_BARANG ORDER BY
KD_BRG ASC"
        objCommand = New OleDbCommand(strSQL, myCon)
        objReader = objCommand.ExecuteReader(CommandBehavior.Default)
        If objReader.HasRows Then
            ddlBarang.Items.Add("")
            While objReader.Read
                ddlBarang.Items.Add(objReader(0) & "-" & objReader(1) & "-" &
objReader(2))
            End While
        End If
        objCommand.Dispose()
        objReader.Close()
        myCon.Close()
        objCommand = Nothing
        objReader = Nothing
        myCon = Nothing
    Catch ex As Exception

    End Try
End Sub

```

```

Private Sub btnSave_Click(sender As Object, e As EventArgs) Handles btnSave.Click
    If txtNomor.Text = "" Then

```



```

        ShowMessageBox("Nomor pengeluaran tidak boleh kosong")
        txtNomor.Focus()
    ElseIf ddlBarang.Text = "" Then
        ShowMessageBox("Kode barang tidak boleh kosong")
        ddlBarang.Focus()
    ElseIf txtQty.Text = "" Then
        ShowMessageBox("Quantity tidak boleh kosong")
        txtQty.Focus()
    Else
        myCon = New OleDbConnection(strCon)
        Try
            arrBarang = Split(ddlBarang.Text, "-")
            dblLastOut = 0
            dblLastAkhir = 0
            myCon.Open()
            strSQL = "SELECT * FROM TBL_STOCK WHERE KD_BRG = '" & arrBarang(0) & "'"
            objCommand = New OleDbCommand(strSQL, myCon)
            objReader = objCommand.ExecuteReader(CommandBehavior.Default)
            If objReader.HasRows Then
                objReader.Read()
                dblLastOut = CDbI(objReader(2))
                dblLastAkhir = CDbI(objReader(3))
            End If
            If CDbI(txtQty.Text) > dblLastAkhir Then
                ShowMessageBox("SALDO AKHIR TIDAK MENCIKUPI")
            Else
                strSQL = "SELECT * FROM TBL_PENGELUARAN WHERE NO_PENGELUARAN = '" & Trim(txtNomor.Text) & "'"
                objCommand = New OleDbCommand(strSQL, myCon)
                objReader = objCommand.ExecuteReader(CommandBehavior.Default)
                If objReader.HasRows Then
                    ShowMessageBox("Duplicate Data")
                Else
                    objCommand.Dispose()
                    strSQL = "INSERT INTO TBL_PENGELUARAN
(NO_PENGELUARAN,TGL_PENGELUARAN,KD_BRG,QTY) VALUES('" & txtNomor.Text &
"', '" & dtTglTrans.SelectedDate & "', '" & arrBarang(0) & "', '" & CDbI(txtQty.Text) & "'"
                    objCommand = New OleDbCommand(strSQL, myCon)
                    If objCommand.ExecuteNonQuery() > 0 Then
                        ShowMessageBox("Data telah di simpan")
                    Else
                        ShowMessageBox("Data error di simpan")
                    End If
                End If
            End If
            dblNewAkhir = dblLastAkhir - CDbI(txtQty.Text)
            dblNewOut = dblLastOut + CDbI(txtQty.Text)
            strSQL = "UPDATE TBL_STOCK SET QTY_OUT = '" & dblNewOut & "',QTY_AKHIR
= '" & dblNewAkhir & " WHERE KD_BRG ='" & arrBarang(0) & "'"

```

```

        objCommand = New OleDbCommand(strSQL, myCon)
        objCommand.ExecuteNonQuery()
    End If
Catch ex As Exception
    ShowMessageBox("ERROR")
Finally
    myCon.Close()
    objCommand = Nothing
    objReader = Nothing
    myCon = Nothing
    Call ListGrid()
    Call ClearObject()
End Try
End If
End Sub

```

```

Private Sub btnClear_Click(sender As Object, e As EventArgs) Handles btnClear.Click
    Call ClearObject()
End Sub

```

```

Private Sub btnDelete_Click(sender As Object, e As EventArgs) Handles btnDelete.Click
    If txtNomor.Text = "" Or txtQty.Text = "" Or ddlBarang.Text = "" Then
        ShowMessageBox("Data kosong")
    Else
        myCon = New OleDbConnection(strCon)
        Try
            arrBarang = Split(ddlBarang.Text, "-")
            myCon.Open()
            strSQL = "DELETE FROM TBL_PENGELUARAN WHERE NO_PENGELUARAN = " &
Trim(txtNomor.Text) & ""
            objCommand = New OleDbCommand(strSQL, myCon)
            If objCommand.ExecuteNonQuery Then
                ShowMessageBox("Data telah dihapus")
            Else
                ShowMessageBox("Hapus gagal")
            End If
            strSQL = "SELECT * FROM TBL_STOCK WHERE KD_BRG = " & arrBarang(0) & ""
            objCommand = New OleDbCommand(strSQL, myCon)
            objReader = objCommand.ExecuteReader(CommandBehavior.Default)
            If objReader.HasRows Then
                objReader.Read()
                dblNewAkhir = Cdbl(objReader(3)) + Cdbl(txtQty.Text)
                dblNewOut = Cdbl(objReader(2)) - Cdbl(txtQty.Text)
                strSQL = "UPDATE TBL_STOCK SET QTY_OUT = " & dblNewOut & ",QTY_AKHIR
= " & dblNewAkhir & " WHERE KD_BRG = " & arrBarang(0) & ""
                objCommand = New OleDbCommand(strSQL, myCon)
                objCommand.ExecuteNonQuery()
            End If
        End Try
    End If
End Sub

```

```

Catch ex As Exception
    ShowMessageBox("ERROR")
Finally
    myCon.Close()
    objCommand = Nothing
    objReader = Nothing
    myCon = Nothing
    Call ListGrid()
    Call ClearObject()
End Try
End If
End Sub

```

```

Private Sub grdList_SelectedIndexChanged(sender As Object, e As EventArgs) Handles
grdList.SelectedIndexChanged

```

```

    Try
        txtNomor.Text = grdList.SelectedRow.Cells(1).Text
        dtTglTrans.SelectedDate = CDate(grdList.SelectedRow.Cells(2).Text)
        ddlBarang.Text = grdList.SelectedRow.Cells(3).Text & "-" &
grdList.SelectedRow.Cells(4).Text & "-" & grdList.SelectedRow.Cells(5).Text
        txtQty.Text = Format(CDbl(grdList.SelectedRow.Cells(6).Text), "#,##0")
        txtHarga.Text = Format(CDbl(grdList.SelectedRow.Cells(7).Text), "#,##0.00")
    Catch ex As Exception

```

```

    End Try
End Sub

```

```

Private Sub ShowMessageBox(ByVal strMessage As String)
    Dim strScript As String = "<script language=JavaScript>"
    strScript += "alert('"' & strMessage & "');"
    strScript += "</script>"
    If (Not ClientScript.IsStartupScriptRegistered("MyMessage")) Then
        ClientScript.RegisterClientScriptBlock(Me.GetType(), "MyMessage", strScript)
    End If
End Sub
End Class

```

## 21. Add Web Form with name pgeStockBarang.aspx

### a. [Write code in pgeStockBarang.aspx \(HTML\)](#)

```

<%@ Page Language="vb" AutoEventWireup="false"
CodeBehind="pgeStockBarang.aspx.vb" Inherits="INVENTORY.pgeStockBarang" %>

```

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

```

```

<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
    <title>STMIK INSAN PEMBANGUNAN</title>

```

```

<link href="MyStyle.css" rel="stylesheet" type="text/css" />
<style type="text/css">
    .style1
    {
        text-align: center;
    }
    .style2
    {
        font-family: "Courier New";
        font-size: small;
        color: #FFFFFF;
    }
</style>
</head>
<body>
    <form id="form1" runat="server">
        <div style="width:800px; height:610px; margin:auto; background:#999999;
padding-top:10px; border:1px; " >
            <div style="width:780px; height:125px; margin:auto; background:white; padding-
top:5px; " >
                <div style ="width:770px; height:110px; background:gray; margin:auto;
padding-top:0px; padding-bottom:0px;">
                    
                </div>
            </div>
            <div style ="width:780px; height:415px; margin:auto; background:#999999;
margin-top:5px; padding-bottom :5px; " >
                <div style="width:230px; height:415px; float:left; background:white; " >
                    <div style ="width:215px; height:395px; background:#333333; margin:auto;
padding-left:5px; padding-top:5px; padding-bottom:5px; margin-top:5px;">
                        <div class="StyleMenu">
                            <h3 class="HeaderBar">MAIN MENU</h3>
                            <ul>
                                <li><a href="pgeMainMenu.aspx">HOME</a></li>
                                <li><a href="pgeMasterBarang.aspx">MASTER BARANG</a></li>
                                <li><a href="pgePenerimaanBarang.aspx">PENERIMAAN
BARANG</a></li>
                                <li><a href="pgePengeluaranBarang.aspx">PENGELUARAN
BARANG</a></li>
                                <li><a href="pgeStockBarang.aspx">STOCK BARANG</a></li>
                                <li><a href="pgeLogin.aspx">LOGOUT</a></li>
                            </ul>
                        </div>
                    </div>
                </div>
            <div style ="width:545px; height:415px; float:right; background:white;" >

```

```
<div style =" width:515px; height:20px; background:silver; margin:auto; padding-right :10px; padding-left:10px; padding-top:5px; padding-bottom:5px; margin-top:5px;">
```

```
<table align="center" >
  <tr align="center" valign="middle">
    <td align="center" valign="middle">LIST STOCK BARANG</td>
  </tr>
</table>
```

```
</div>
```

```
<div style =" width:525px; height:360px; background:silver; margin:auto; padding-right :10px; padding-left:0px; padding-top:5px; padding-bottom:5px; margin-top:5px; overflow:auto ; ">
```

```
<div style =" width:520px; height:358px; background:white; margin:auto; overflow:auto ; ">
```

```
<asp:GridView ID ="grdList" runat ="server" AutoGenerateColumns ="false" ShowFooter ="false" Width ="600px" >
```

```
<Columns >
```

```
<asp:BoundField DataField ="KD_BRG" HeaderText ="KODE BARANG" ItemStyle-Width ="200px" >
```

```
<HeaderStyle Wrap ="false" />
```

```
<ItemStyle Wrap ="false" />
```

```
</asp:BoundField >
```

```
<asp:BoundField DataField ="NM_BRG" HeaderText ="NAMA BARANG" ItemStyle-Width ="100px" >
```

```
<HeaderStyle Wrap ="false" />
```

```
<ItemStyle Wrap ="false" />
```

```
</asp:BoundField >
```

```
<asp:BoundField DataField ="SAT_BRG" HeaderText ="SATUAN" ItemStyle-Width ="80px" >
```

```
<HeaderStyle Wrap ="false" />
```

```
<ItemStyle Wrap ="false" />
```

```
</asp:BoundField >
```

```
<asp:BoundField DataField ="SPEC_BRG" HeaderText ="SPESIFIKASI" ItemStyle-Width ="80px" >
```

```
<HeaderStyle Wrap ="false" />
```

```
<ItemStyle Wrap ="false" />
```

```
</asp:BoundField >
```

```
<asp:BoundField DataField ="HRG_SAT" HeaderText ="HARGA SATUAN" ItemStyle-Width ="80px" ItemStyle-HorizontalAlign="Right" DataFormatString="{0:N2}">
```

```
<HeaderStyle Wrap ="false" />
```

```
<ItemStyle Wrap ="false" />
```

```
</asp:BoundField >
```

```
<asp:BoundField DataField ="QTY_IN" HeaderText ="QTY IN" ItemStyle-Width ="80px" ItemStyle-HorizontalAlign="Right" DataFormatString="{0:N0}">
```

```
<HeaderStyle Wrap ="false" />
```

```
<ItemStyle Wrap ="false" />
```

```

        </asp:BoundField >
        <asp:BoundField DataField ="QTY_OUT" HeaderText ="QTY OUT"
ItemStyle-Width ="80px" ItemStyle-HorizontalAlign="Right" DataFormatString
="{0:N0}">
            <HeaderStyle Wrap ="false" />
            <ItemStyle Wrap ="false" />
        </asp:BoundField >
        <asp:BoundField DataField ="QTY_AKHIR" HeaderText ="QTY_AKHIR"
ItemStyle-Width ="80px" ItemStyle-HorizontalAlign="Right" DataFormatString
="{0:N0}">
            <HeaderStyle Wrap ="false" />
            <ItemStyle Wrap ="false" />
        </asp:BoundField >
    </Columns>
</asp:GridView>
</div>

</div>
</div>
</div>

<div style="width:780px; height:40px; margin:auto; background:white; padding-
top:5px;" class="style1" >
    <div style ="width:770px; height:30px; background:#333333; margin:auto;
padding-bottom:5px;" >
        <span class="style2">Copyrights by STMIK INSAN PEMBANGUNAN -
TANGERANG</span><br class="style2" />
        <span class="style2"><span class="style2">&copy; 2021 All Rights
Reserved</span></span><span class="style2"> </span>
    </div>
</div>
</div>

</form>
</body>
</html>

```

b. [Write code in pgeStockBarang.aspx.vb \(View Code\)](#)

```

Imports System
Imports System.Data
Imports System.Data.OleDb
Public Class pgeStockBarang
    Inherits System.Web.UI.Page
    Private strSQL As String
    Private objDataTable As DataTable
    Private objReader As OleDbDataReader
    Private objAdapter As OleDbDataAdapter
    Private objDataset As DataSet

```

```
Private myCon As OleDbConnection
Private objCommand As OleDbCommand
Private strCon As String
```

```
Protected Sub Page_Load(ByVal sender As Object, ByVal e As System.EventArgs)
Handles Me.Load
```


```
    Try
strCon = "Provider=Microsoft.Jet.OLEDB.4.0; Data Source=D:\Campus\IP\MODULE\VB
NET 2\APPS\INVENTORY\Inventory.mdb;"
        If Not IsPostBack Then
            Call ListGrid()
        End If
    Catch ex As Exception
    End Try
End Sub
```

```
Private Sub ListGrid()
    Try
        objDataset = New DataSet
        myCon = New OleDbConnection(strCon)
        myCon.Open()
        strSQL = "SELECT
A.KD_BRG,A.NM_BRG,A.SAT_BRG,A.SPEC_BRG,A.HRG_SAT,B.QTY_IN,B.QTY_OUT,B.QTY
_AKHIR FROM TBL_BARANG A, TBL_STOCK B WHERE A.KD_BRG=B.KD_BRG ORDER BY
A.KD_BRG ASC"
        objAdapter = New OleDbDataAdapter(strSQL, myCon)
        objAdapter.Fill(objDataset)
        grdList.DataSource = objDataset
        grdList.DataBind()
        myCon.Close()
    Catch ex As Exception
        grdList.DataSource = Nothing
        grdList.DataBind()
    End Try
End Sub
End Class
```

# Run Program

## 1. Page Login

https://localhost:44322/pgeLogin.aspx



Welcome To Campus  
*Insan Pembangunan*  
*Professional Campus For Professional Career*

Login Security

User Name

Password

## 2. Page Main Menu



Welcome To Campus  
*Insan Pembangunan*  
*Professional Campus For Professional Career*

**MAIN MENU**

- HOME
- MASTER BARANG
- PENERIMAAN BARANG
- PENGELUARAN BARANG
- STOCK BARANG
- LOGOUT



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### 3. Page Master Barang



## Welcome To Campus

# Insan Pembangunan

Professional Campus For Professional Career

**MAIN MENU**

HOME

MASTER BARANG

PENERIMAAN BARANG

PENGELUARAN BARANG

STOCK BARANG

LOGOUT

OLAH DATA MASTER BARANG

KODE BARANG

NAMA BARANG

SPESIFIKASI BARANG

SATUAN BARANG

HARGA SATUAN

| Select                 | KODE | NAMA | SATUAN | SPESIFIKASI | HARG. |
|------------------------|------|------|--------|-------------|-------|
| <a href="#">Select</a> | a    | b    | d      | c           |       |
| <a href="#">Select</a> | e    | f    | g      | h           |       |

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### 4. Page Penerimaan Barang



## Welcome To Campus

# Insan Pembangunan

Professional Campus For Professional Career

**MAIN MENU**

HOME

MASTER BARANG

PENERIMAAN BARANG

PENGELUARAN BARANG

STOCK BARANG

LOGOUT

OLAH DATA PENERIMAAN BARANG

NO. BUKTI

TANGGAL TRANSAKSI

KODE BARANG

QUANTITY BARANG

TOTAL HARGA

| Select                 | NOMOR  | TANGGAL     | KODE BARANG | NAMA BARANG | HARGA SA |
|------------------------|--------|-------------|-------------|-------------|----------|
| <a href="#">Select</a> | R00001 | 06 Apr 2021 | a           | b           | 123      |
| <a href="#">Select</a> | R00002 | 06 Apr 2021 | e           | f           | 456      |

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## 5. Page Pengeluaran Barang



Welcome To Campus  
*Insan Pembangunan*  
*Professional Campus For Professional Career*

**MAIN MENU**

- HOME
- MASTER BARANG
- PENERIMAAN BARANG
- PENGELUARAN BARANG
- STOCK BARANG
- LOGOUT

**OLAH DATA PENGELUARAN BARANG**

NO. BUKTI: K00001

TANGGAL TRANSAKSI: 4/6/2021

KODE BARANG: a-b-123

QUANTITY BARANG: 1

TOTAL HARGA: 123.00

Save Delete Clear

| Select                 | NOMOR  | TANGGAL     | KODE BARANG | NAMA BARANG | HARGA SA |
|------------------------|--------|-------------|-------------|-------------|----------|
| <a href="#">Select</a> | K00001 | 06 Apr 2021 | a           | b           | 123      |

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## 6. Page Stock Barang



Welcome To Campus  
*Insan Pembangunan*  
*Professional Campus For Professional Career*

**MAIN MENU**

- HOME
- MASTER BARANG
- PENERIMAAN BARANG
- PENGELUARAN BARANG
- STOCK BARANG
- LOGOUT

**LIST STOCK BARANG**

| KODE BARANG | NAMA BARANG | SATUAN | SPESIFIKASI | HARGA SATU |
|-------------|-------------|--------|-------------|------------|
| a           | b           | d      | c           | 12         |
| e           | f           | g      | h           | 45         |

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