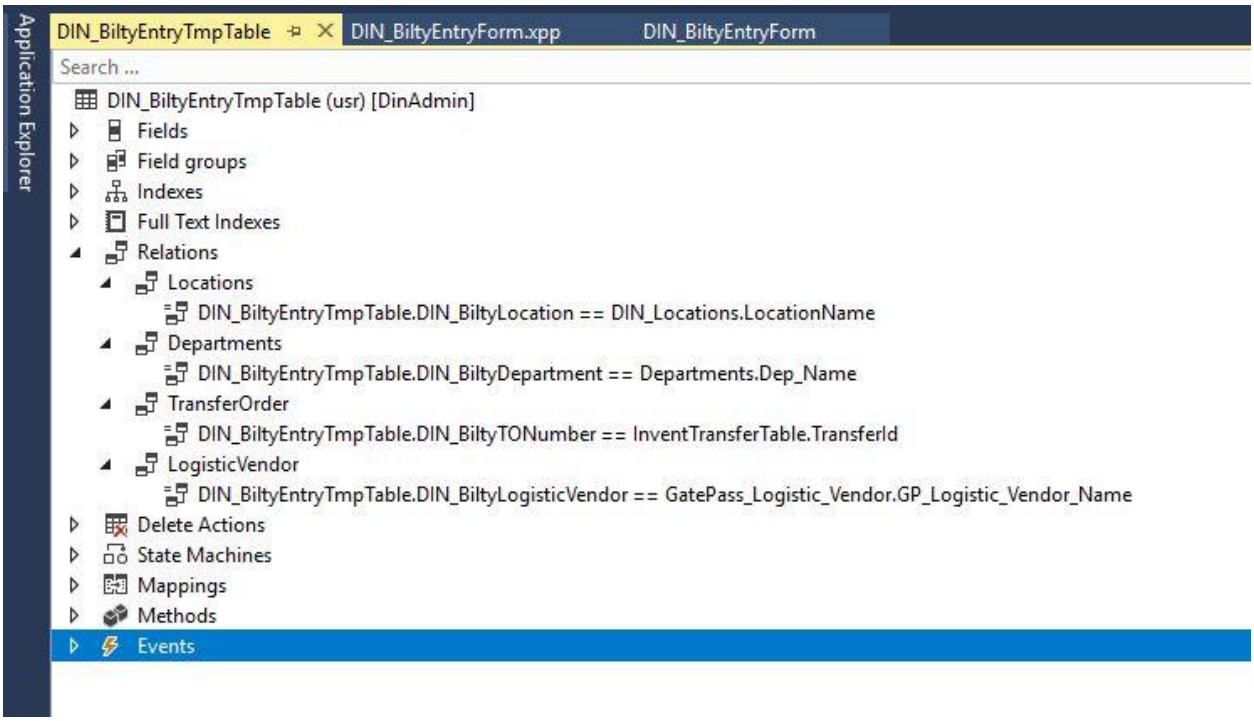
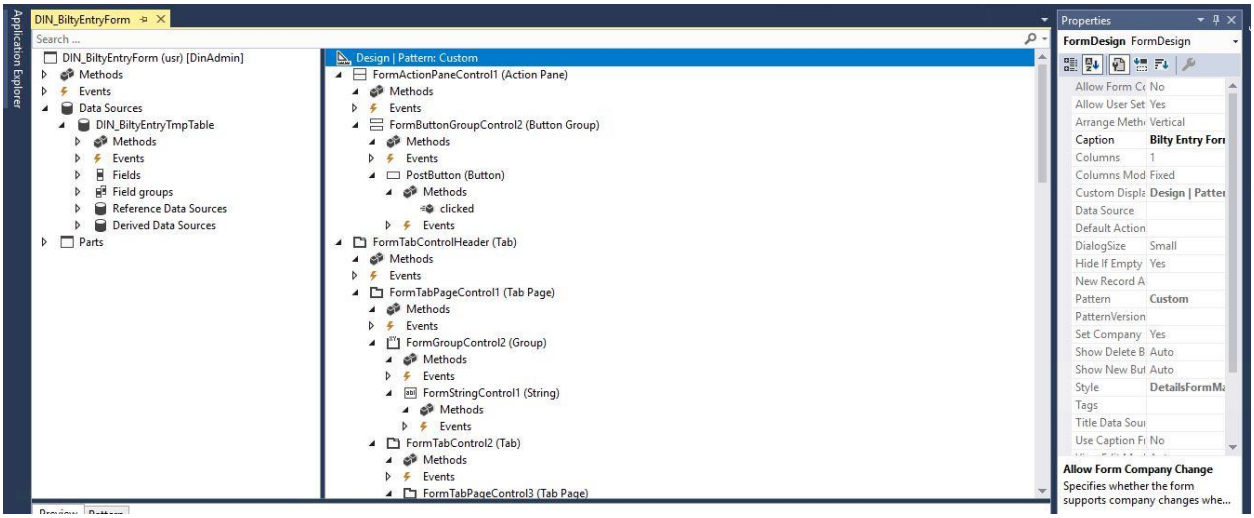
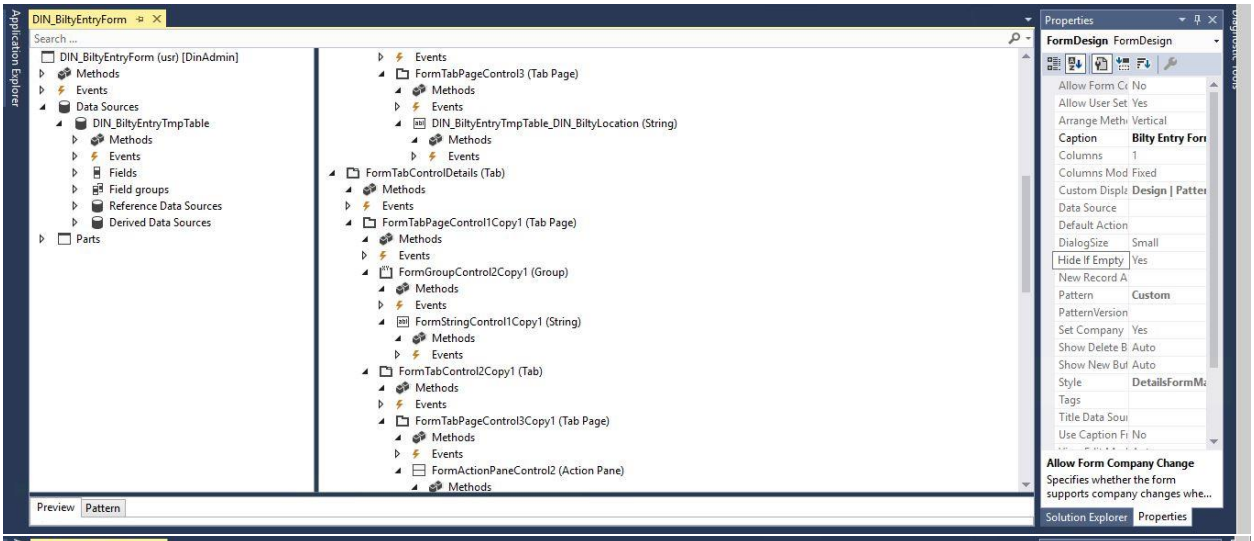
Bilty Form Customised:

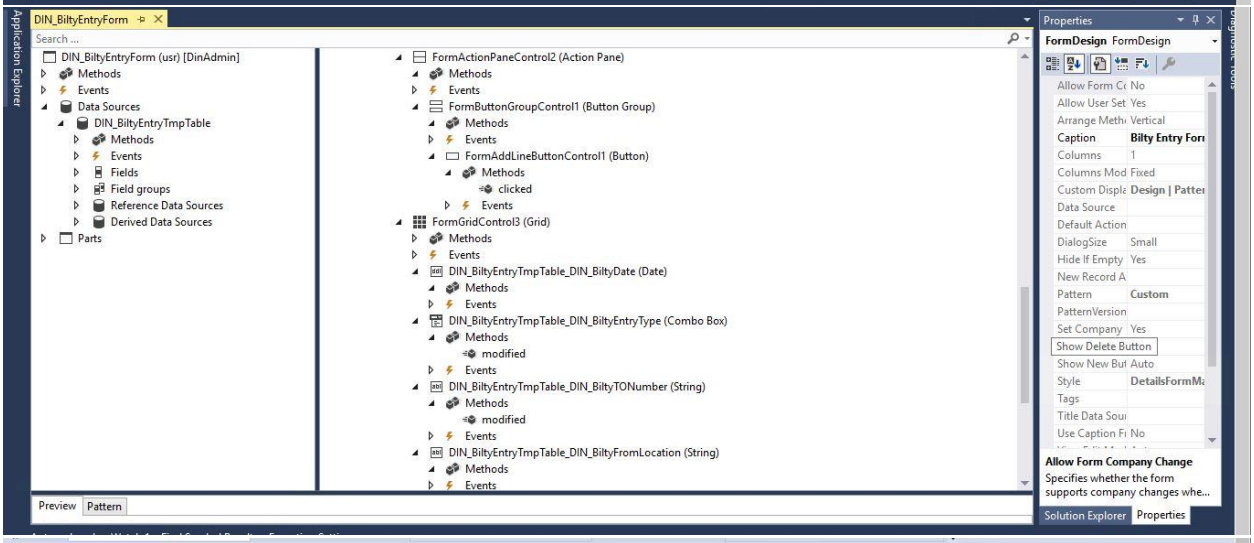
Table Design(Temp):

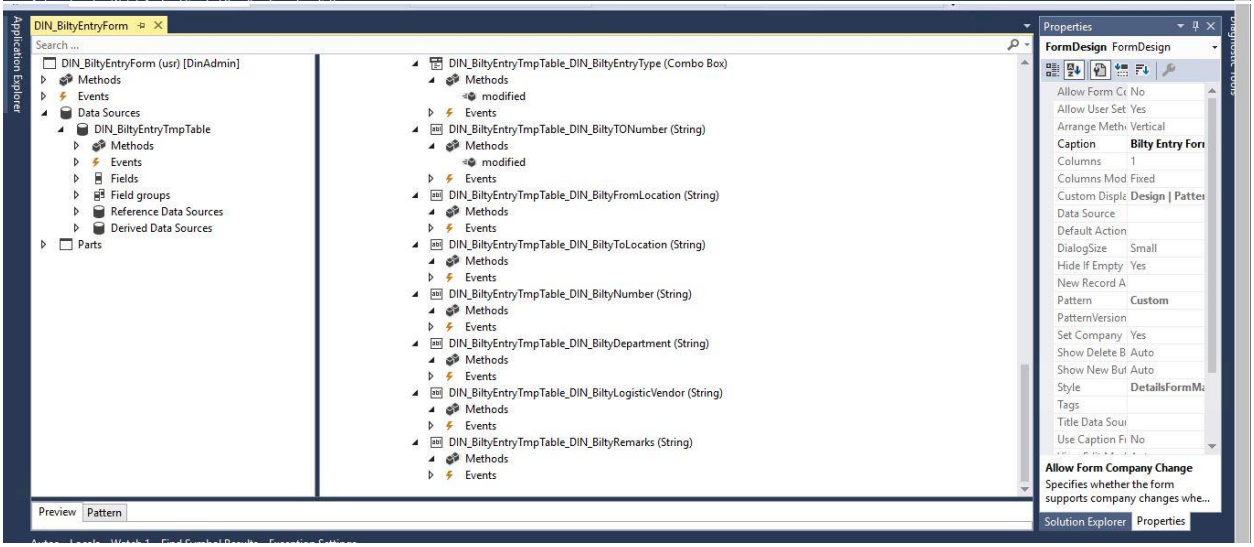


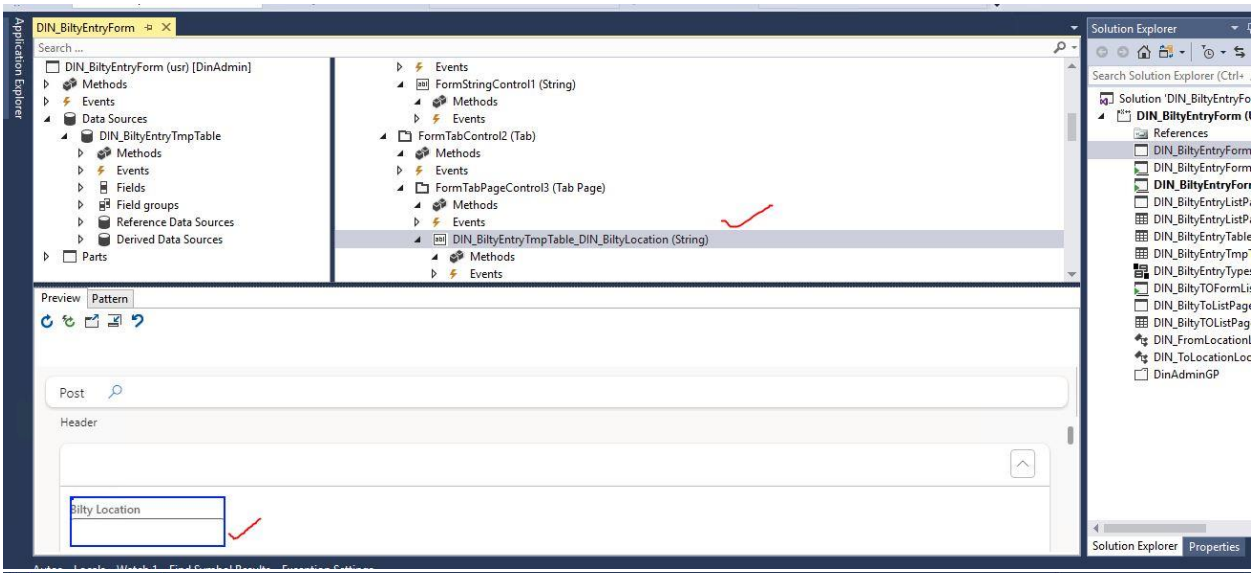
Form Design:




DIN_BiltyEntryForm
Search ...
DIN_BiltyEntryForm (usr) [DinAdmin]
Methods
Events
Data Sources
DIN_BiltyEntryTmpTable
Methods
Events
Fields
Field groups
Reference Data Sources
Derived Data Sources
Parts
Events
FormTabPageControl3 (Tab Page)
Methods
Events
DIN_BiltyEntryTmpTable_DIN_BiltyLocation (String)
Methods
Events
FormTabControlDetails (Tab)
Methods
Events
FormTabPageControl1Copy1 (Tab Page)
Methods
Events
FormGroupControl2Copy1 (Group)
Methods
Events
FormStringControl1Copy1 (String)
Methods
Events
FormTabControl2Copy1 (Tab)
Methods
Events
FormTabPageControl3Copy1 (Tab Page)
Methods
Events
FormActionPaneControl2 (Action Pane)
Methods
Preview
Pattern
Properties
FormDesign FormDesign
Caption Bilty Entry For
Hide If Empty Yes
Pattern Custom
Allow Form Company Change
Specifies whether the form supports company changes whe...
Solution Explorer
Properties


DIN_BiltyEntryForm
Search ...
DIN_BiltyEntryForm (usr) [DinAdmin]
Methods
Events
Data Sources
DIN_BiltyEntryTmpTable
Methods
Events
Fields
Field groups
Reference Data Sources
Derived Data Sources
Parts
FormActionPaneControl2 (Action Pane)
Methods
Events
FormButtonGroupControl1 (Button Group)
Methods
Events
FormAddLineButtonControl1 (Button)
Methods
clicked
Events
FormGridControl3 (Grid)
Methods
Events
DIN_BiltyEntryTmpTable_DIN_BiltyDate (Date)
Methods
Events
DIN_BiltyEntryTmpTable_DIN_BiltyEntryType (Combo Box)
Methods
modified
Events
DIN_BiltyEntryTmpTable_DIN_BiltyTONumber (String)
Methods
modified
Events
DIN_BiltyEntryTmpTable_DIN_BiltyFromLocation (String)
Methods
Events
Preview
Pattern
Properties
FormDesign FormDesign
Caption Bilty Entry For
Show Delete Button
Allow Form Company Change
Specifies whether the form supports company changes whe...
Solution Explorer
Properties


DIN_BiltyEntryForm
Search ...
DIN_BiltyEntryForm (usr) [DinAdmin]
Methods
Events
Data Sources
DIN_BiltyEntryTmpTable
Methods
Events
Fields
Field groups
Reference Data Sources
Derived Data Sources
Parts
DIN_BiltyEntryTmpTable_DIN_BiltyEntryType (Combo Box)
Methods
modified
Events
DIN_BiltyEntryTmpTable_DIN_BiltyTONumber (String)
Methods
modified
Events
DIN_BiltyEntryTmpTable_DIN_BiltyFromLocation (String)
Methods
Events
DIN_BiltyEntryTmpTable_DIN_BiltyToLocation (String)
Methods
Events
DIN_BiltyEntryTmpTable_DIN_BiltyNumber (String)
Methods
Events
DIN_BiltyEntryTmpTable_DIN_BiltyDepartment (String)
Methods
Events
DIN_BiltyEntryTmpTable_DIN_BiltyLogisticVendor (String)
Methods
Events
DIN_BiltyEntryTmpTable_DIN_BiltyRemarks (String)
Methods
Events
Preview
Pattern
Properties
FormDesign FormDesign
Caption Bilty Entry For
Allow Form Company Change
Specifies whether the form supports company changes whe...
Solution Explorer
Properties


DIN_BiltyEntryForm
Search ...
DIN_BiltyEntryForm (usr) [DinAdmin]
Methods
Events
Data Sources
DIN_BiltyEntryTmpTable
Methods
Events
Fields
Field groups
Reference Data Sources
Derived Data Sources
Parts
Events
FormStringControl1 (String)
Methods
Events
FormTabControl2 (Tab)
Methods
Events
FormTabPageControl3 (Tab Page)
Methods
Events
DIN_BiltyEntryTmpTable_DIN_BiltyLocation (String)
Methods
Events
Preview
Pattern
Post
Header
Bilty Location
Solution Explorer
Search Solution Explorer (Ctrl+
Solution 'DIN_BiltyEntryFo
DIN_BiltyEntryForm (
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DIN_BiltyEntryForm
DIN_BiltyEntryForm
DIN_BiltyEntryFor
DIN_BiltyEntryListP
DIN_BiltyEntryListP
DIN_BiltyEntryTable
DIN_BiltyEntryTmp
DIN_BiltyEntryTypes
DIN_BiltyTOFormLis
DIN_BiltyToListPage
DIN_BiltyTOListPag
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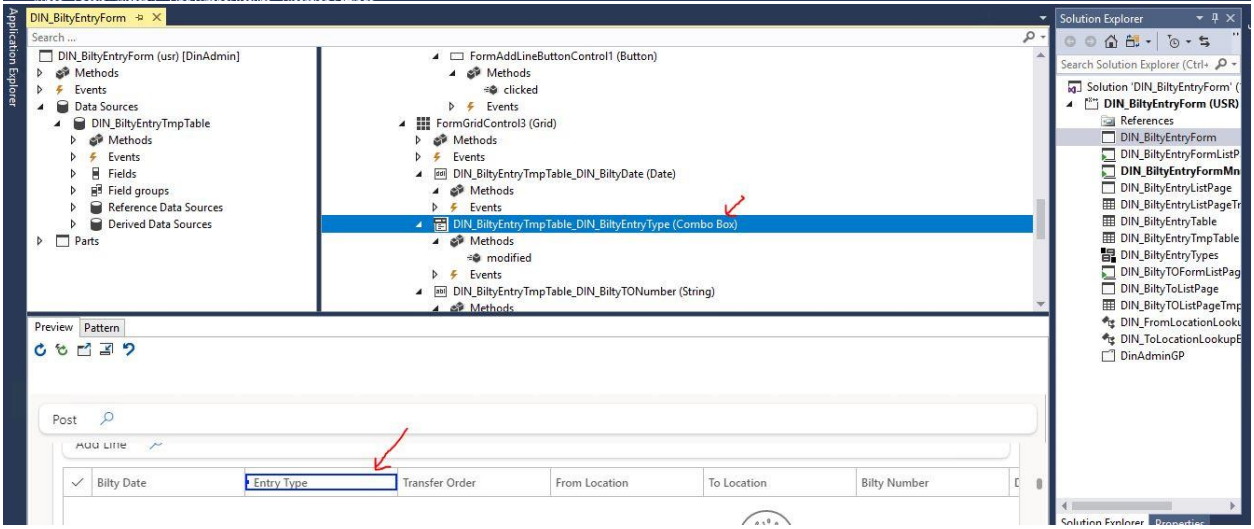
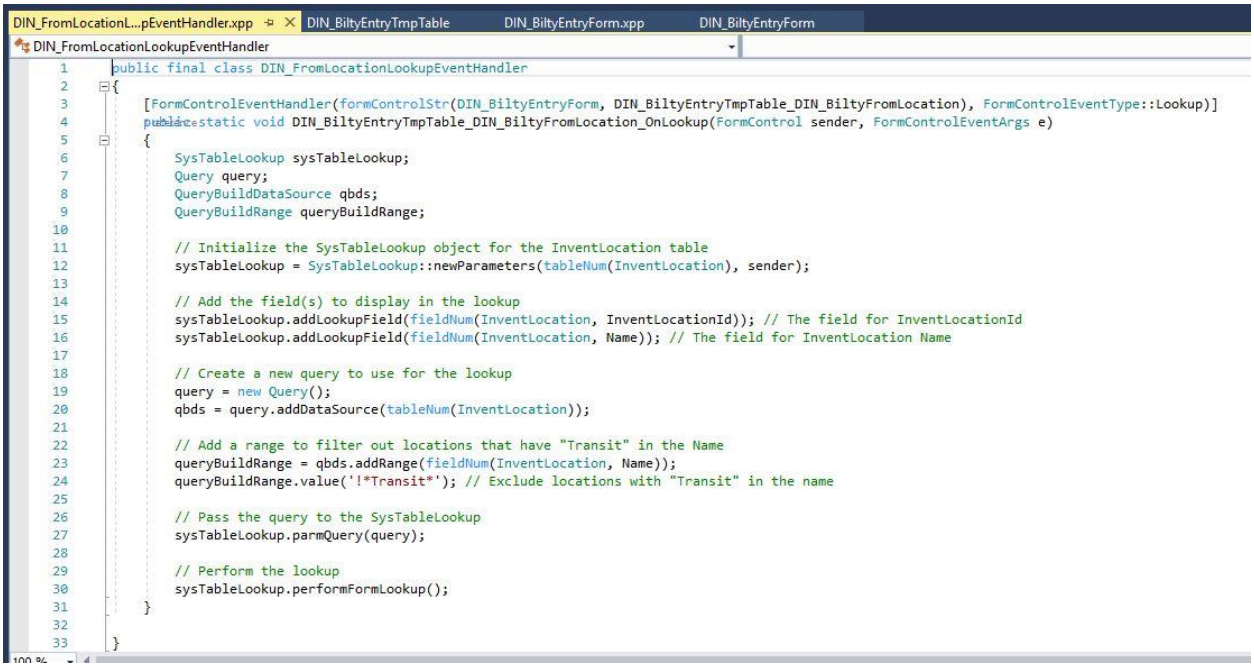
DIN_ToLocationLoc
DinAdminGP
Solution Explorer
Properties


DIN_BiltyEntryForm
Search ...
DIN_BiltyEntryForm (usr) [DinAdmin]
Methods
Events
Data Sources
DIN_BiltyEntryTmpTable
Methods
Events
Fields
Field groups
Reference Data Sources
Derived Data Sources
Parts
FormAddLineButtonControl1 (Button)
Methods
clicked
Events
FormGridControl3 (Grid)
Methods
Events
DIN_BiltyEntryTmpTable_DIN_BiltyDate (Date)
Methods
Events
DIN_BiltyEntryTmpTable_DIN_BiltyEntryType (Combo Box)
Methods
modified
Events
DIN_BiltyEntryTmpTable_DIN_BiltyTONumber (String)
Methods
Preview
Pattern
Post
Add Line
Bilty Date
Entry Type
Transfer Order
From Location
To Location
Bilty Number
Solution Explorer
Search Solution Explorer (Ctrl+
Solution 'DIN_BiltyEntryForm' (
DIN_BiltyEntryForm (USR)
References
DIN_BiltyEntryForm
DIN_BiltyEntryFormListP
DIN_BiltyEntryFormMn
DIN_BiltyEntryListPage
DIN_BiltyEntryListPageTr
DIN_BiltyEntryTable
DIN_BiltyEntryTmpTable
DIN_BiltyEntryTypes
DIN_BiltyTOFormListPag
DIN_BiltyToListPage
DIN_BiltyTOListPageTmp
DIN_FromLocationLooku
DIN_ToLocationLookupE
DinAdminGP

Code:

From location Lookup Event handler that make relation with location excluding location containing ‘transit’




```
public final class DIN_FromLocationLookupEventHandler
{
    [FormControlEventHandler(formControlStr(DIN_BiltyEntryForm, DIN_BiltyEntryTmpTable_DIN_BiltyFromLocation), FormControlEventType::Lookup)]
    public static void DIN_BiltyEntryTmpTable_DIN_BiltyFromLocation_OnLookup(FormControl sender, FormControlEventArgs e)
    {
        SysTableLookup sysTableLookup;
        Query query;
        QueryBuildDataSource qbds;
        QueryBuildRange queryBuildRange;

        // Initialize the SysTableLookup object for the InventLocation table
        sysTableLookup = SysTableLookup::newParameters(tableNum(InventLocation), sender);

        // Add the field(s) to display in the lookup
        sysTableLookup.addLookupField(fieldNum(InventLocation, InventLocationId)); // The field for InventLocationId
        sysTableLookup.addLookupField(fieldNum(InventLocation, Name)); // The field for InventLocation Name

        // Create a new query to use for the lookup
        query = new Query();
        qbds = query.addDataSource(tableNum(InventLocation));

        // Add a range to filter out locations that have "Transit" in the Name
        queryBuildRange = qbds.addRange(fieldNum(InventLocation, Name));
        queryBuildRange.value('!*Transit*'); // Exclude locations with "Transit" in the name

        // Pass the query to the SysTableLookup
        sysTableLookup.parmQuery(query);

        // Perform the lookup
        sysTableLookup.performFormLookup();
    }

}
```

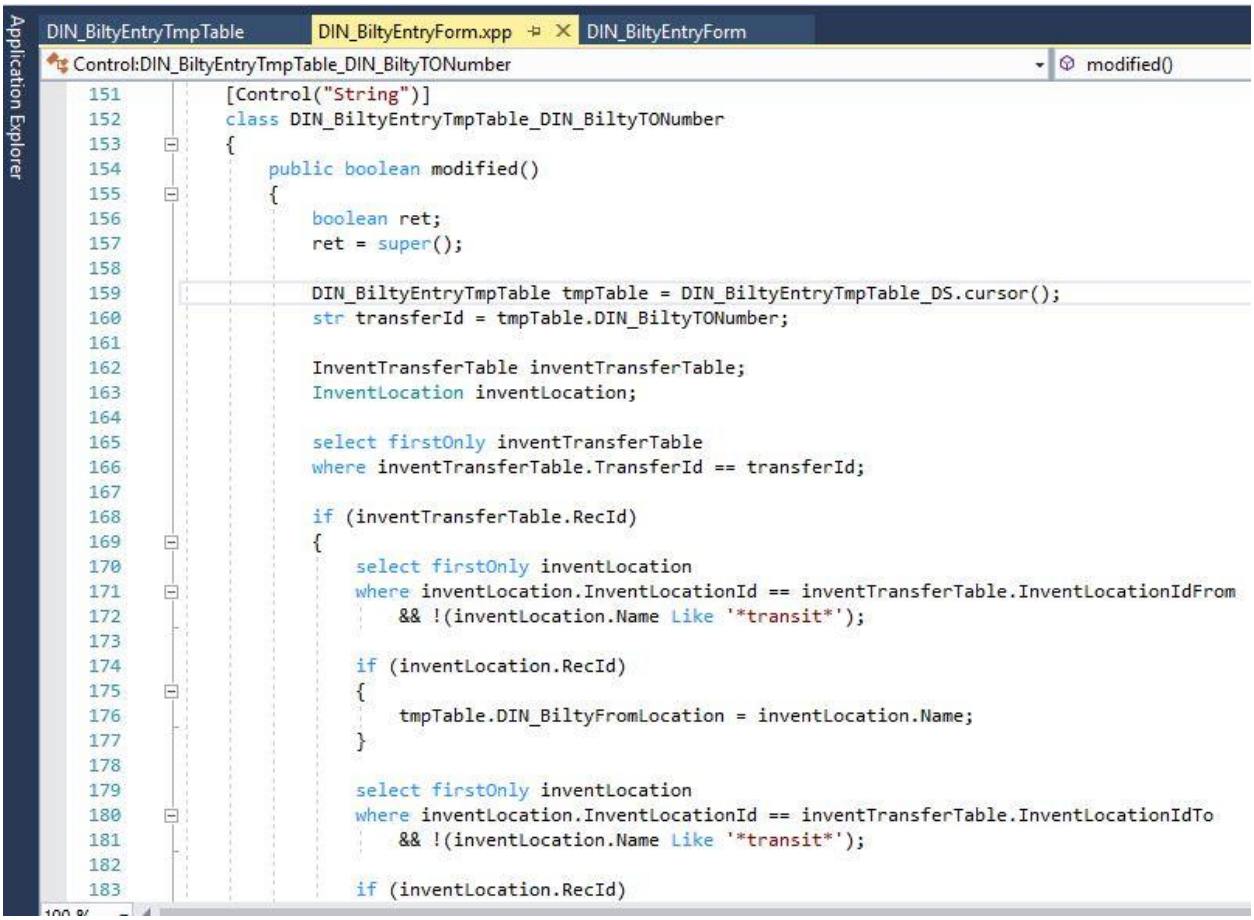
https://github.com/mahmed-eng/Dynamics-D365-FinOps-in-a-NutShell/blob/main/Event%20Handlers%20Guide/From%20location%20Lookup%20Event%20handler%20that%20make%20relation%20with%20location%20excluding%20location%20containing%20transit.txt

To location Lookup Event handler that make relation with location excluding location containing ‘transit’

```
Public final class DIN_ToLocationLookupEventHandler
{

    [FormControlEventHandler(formControlStr(DIN_BiltyEntryForm, DIN_BiltyEntryTmpTable_DIN_BiltyToLocation), FormControlEventType::Lookup)]
    public static void DIN_BiltyEntryTmpTable_DIN_BiltyToLocation_OnLookup(FormControl sender, FormControlEventArgs e)
    {
        SysTableLookup sysTableLookup;
        Query query;
        QueryBuildDataSource qbds;
        QueryBuildRange queryBuildRange;

        // Initialize the SysTableLookup object for the InventLocation table
        sysTableLookup = SysTableLookup::newParameters(tableNum(InventLocation), sender);

        // Add the field(s) to display in the lookup
        sysTableLookup.addLookupField(fieldNum(InventLocation, InventLocationId)); // The field for InventLocationId
        sysTableLookup.addLookupField(fieldNum(InventLocation, Name)); // The field for InventLocation Name

        // Create a new query to use for the lookup
        query = new Query();
        qbds = query.addDataSource(tableNum(InventLocation));

        // Add a range to filter out locations that have "Transit" in the Name
        queryBuildRange = qbds.addRange(fieldNum(InventLocation, Name));
        queryBuildRange.value('!*Transit*'); // Exclude locations with "Transit" in the name

        // Pass the query to the SysTableLookup
        sysTableLookup.parmQuery(query);

        // Perform the lookup
        sysTableLookup.performFormLookup();
    }

```

https://github.com/mahmed-eng/Dynamics-D365-FinOps-in-a-NutShell/blob/main/Event%20Handlers%20Guide/To%20location%20Lookup%20Event%20handler%20that%20make%20relation%20with%20location%20excluding%20location%20containing%20transit.txt

Modied method of TO number which autofills from and to location which do not contain transit:



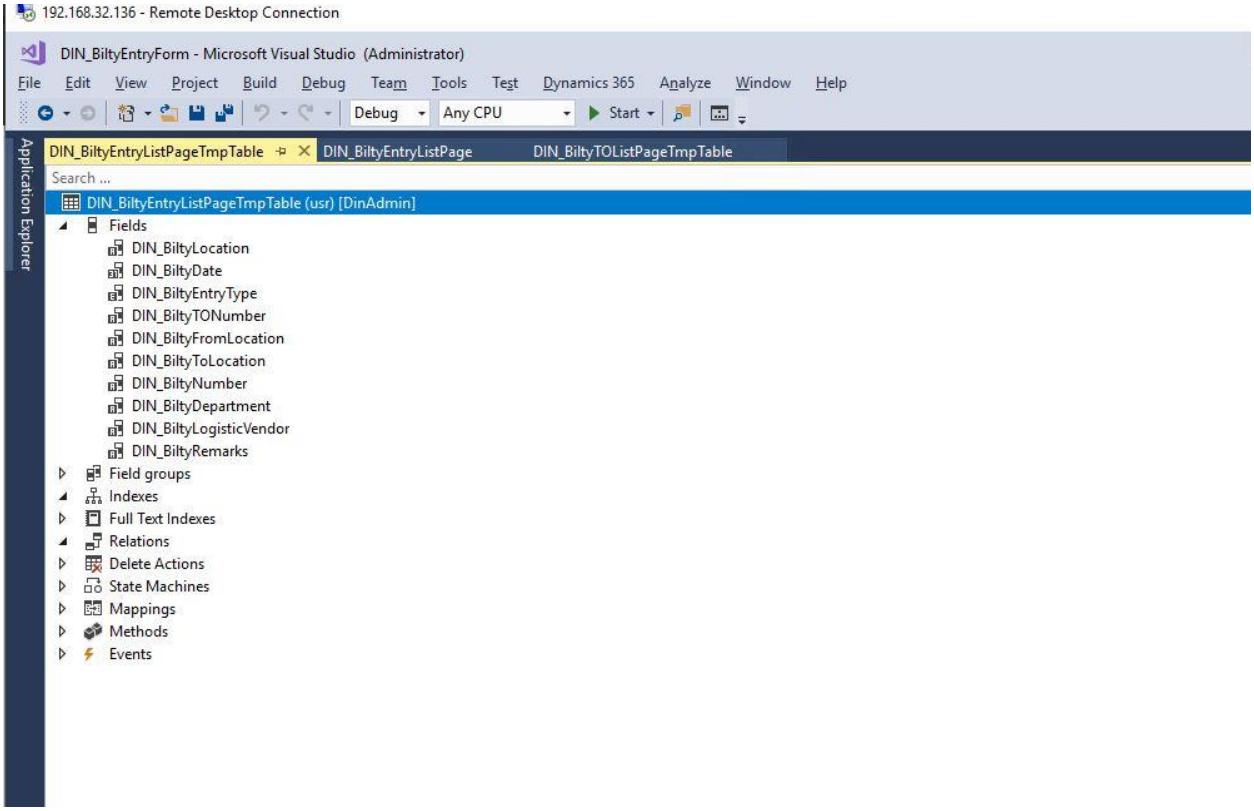
https://github.com/mahmed-eng/Dynamics-D365-FinOps-in-a-NutShell/blob/main/Form%20method/Modied%20method%20of%20TO%20number%20which%20autofills%20from%20and%20to%20location%20which%20do%20not%20contain%20transit.txt

Modified method on field of Bilty Entry Type:

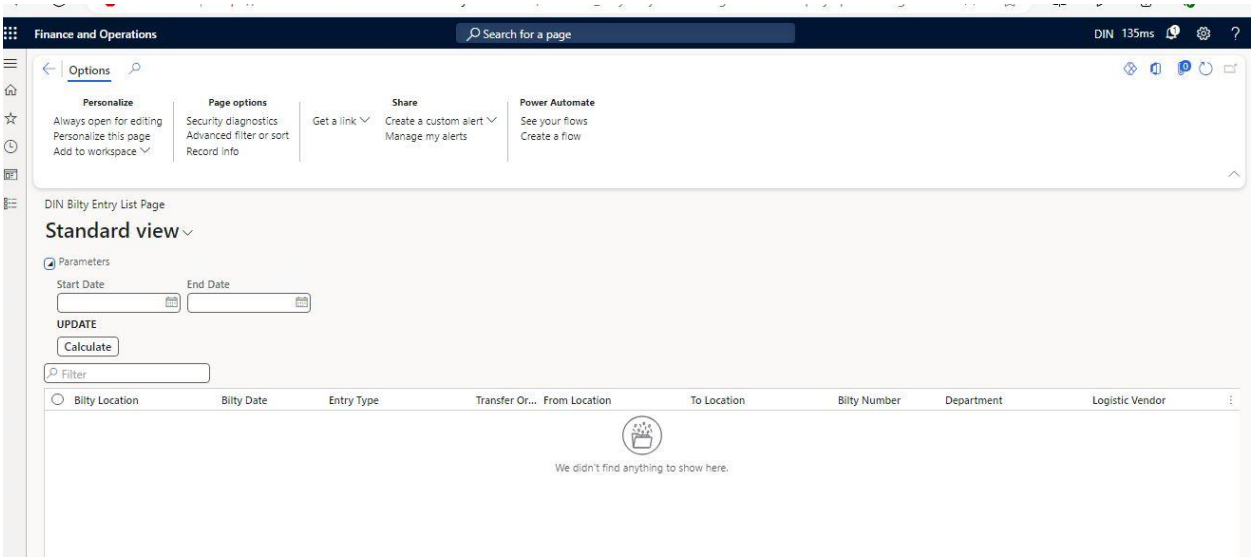
```
[Control("ComboBox")]
class DIN_BiltyEntryTmpTable_DIN_BiltyEntryType
{
    public boolean modified()
    {
        boolean ret;
        ret = super();

        DIN_BiltyEntryTypes biltyEntryType = this.selection();
        FormControl biltyBiltyTOControl = this.formRun().design().controlName(formControlStr(DIN_BiltyEntryForm, DIN_BiltyEntryTmpTable_DIN_BiltyTONumber));
        FormControl biltyEntryTypeControl = this.formRun().design().controlName(formControlStr(DIN_BiltyEntryForm, DIN_BiltyEntryTmpTable_DIN_BiltyEntryType))
        FormControl biltyFromLocationControl = this.formRun().design().controlName(formControlStr(DIN_BiltyEntryForm, DIN_BiltyEntryTmpTable_DIN_BiltyFromLoca
        FormControl biltyToLocationControl = this.formRun().design().controlName(formControlStr(DIN_BiltyEntryForm, DIN_BiltyEntryTmpTable_DIN_BiltyToLocation

        if (biltyBiltyTOControl)
        {
            if (biltyEntryType == DIN_BiltyEntryTypes::Inventory)
            {
                biltyBiltyTOControl.enabled(true);
                biltyEntryTypeControl.enabled(false);
                biltyFromLocationControl.enabled(false);
                biltyToLocationControl.enabled(false);
            }
            else
            {
                biltyBiltyTOControl.enabled(false);
                biltyEntryTypeControl.enabled(false);
                biltyFromLocationControl.enabled(true);
                biltyToLocationControl.enabled(true);
            }
        }

        return ret;
```

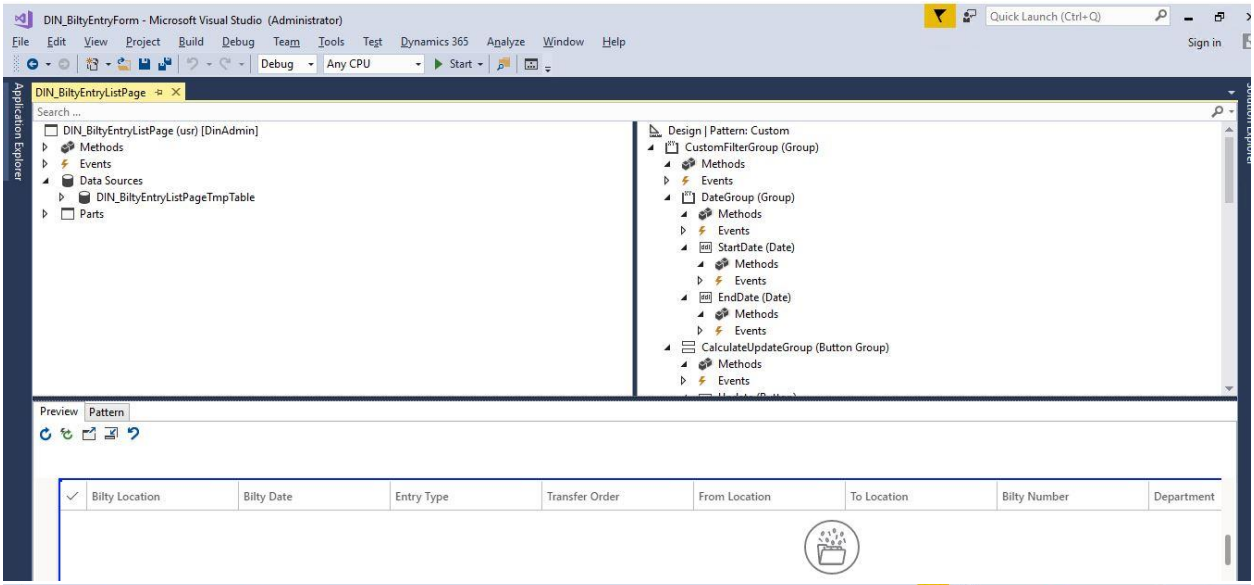
https://github.com/mahmed-eng/Dynamics-D365-FinOps-in-a-NutShell/blob/main/Form%20method/Modified%20method%20on%20field%20of%20%20Bilty%20Entry%20Type.txt

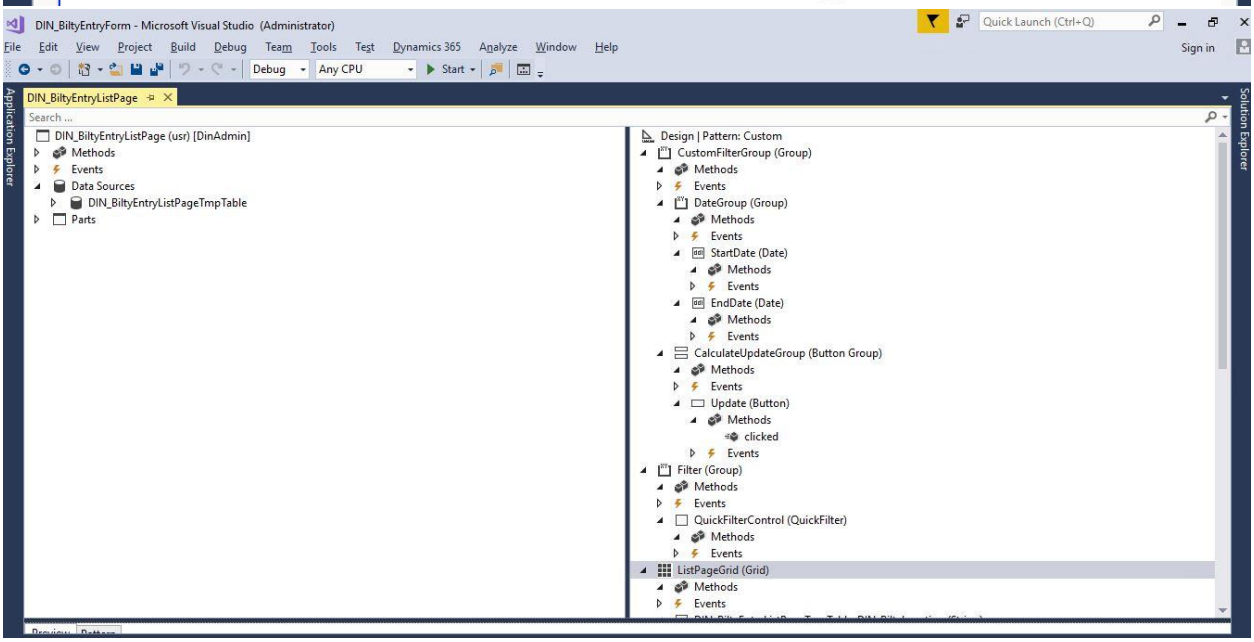
Bilty Entry List fetching record from bilty table by applying from and to date filter:
Table Design:

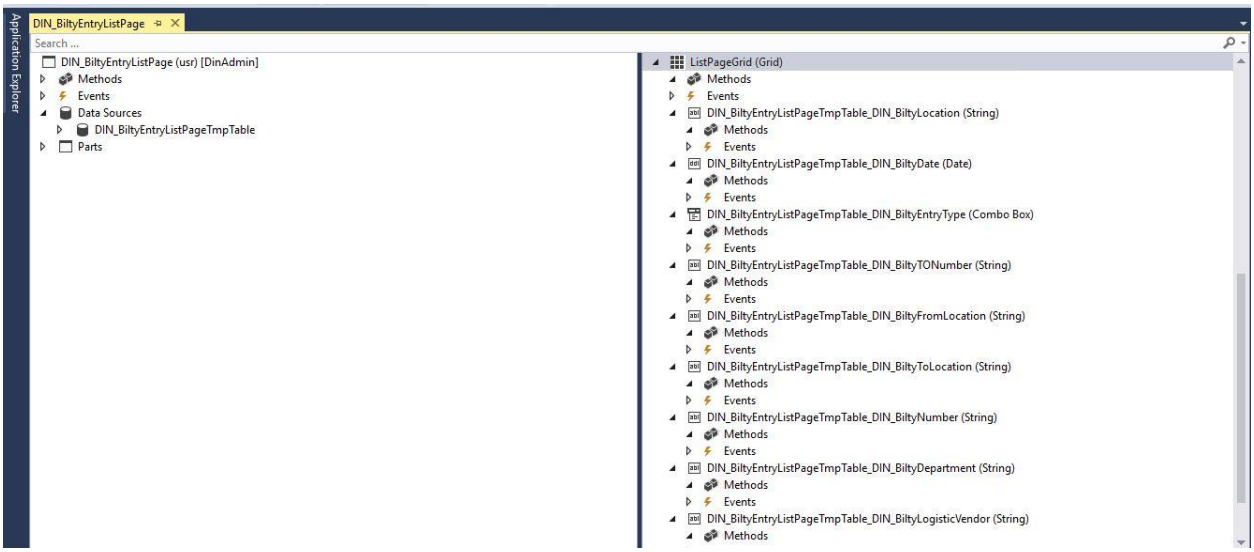

192.168.32.136 - Remote Desktop Connection
DIN_BiltyEntryForm - Microsoft Visual Studio (Administrator)
File Edit View Project Build Debug Team Tools Test Dynamics 365 Analyze Window Help
Debug
Any CPU
Start
Application Explorer
DIN_BiltyEntryListPageTmpTable
DIN_BiltyEntryListPage
DIN_BiltyTOListPageTmpTable
Search ...
DIN_BiltyEntryListPageTmpTable (usr) [DinAdmin]
Fields
DIN_BiltyLocation
DIN_BiltyDate
DIN_BiltyEntryType
DIN_BiltyTONumber
DIN_BiltyFromLocation
DIN_BiltyToLocation
DIN_BiltyNumber
DIN_BiltyDepartment
DIN_BiltyLogisticVendor
DIN_BiltyRemarks
Field groups
Indexes
Full Text Indexes
Relations
Delete Actions
State Machines
Mappings
Methods
Events

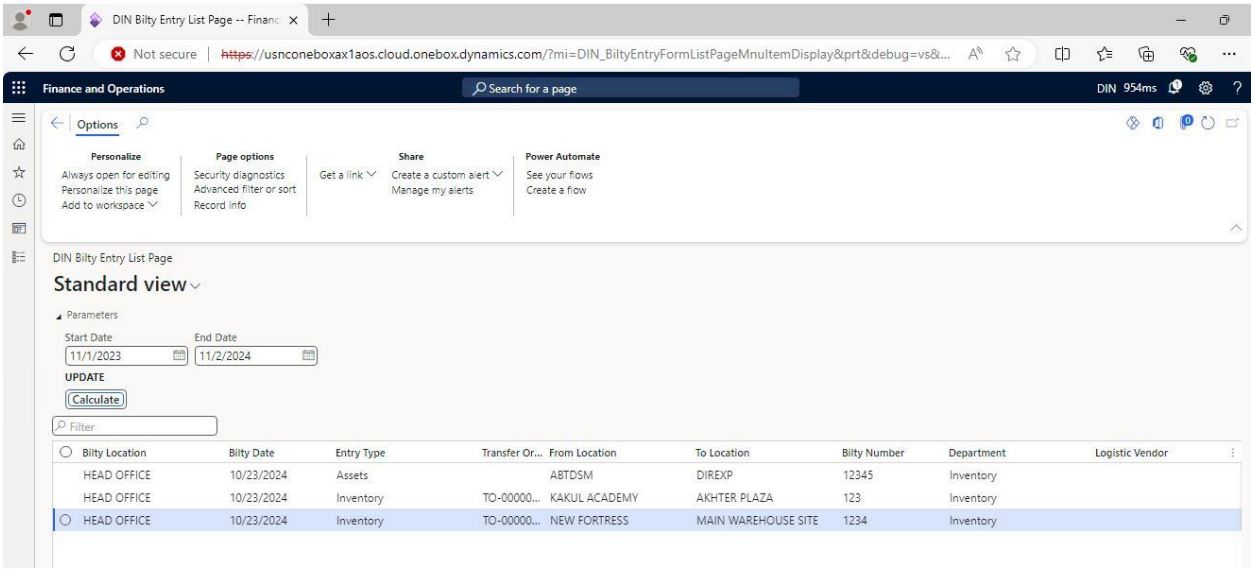
Form Design:


Finance and Operations
Search for a page
DIN 135ms
Options
Personalize
Always open for editing
Personalize this page
Add to workspace
Page options
Security diagnostics
Advanced filter or sort
Record info
Get a link
Share
Create a custom alert
Manage my alerts
Power Automate
See your flows
Create a flow
DIN Bilty Entry List Page
Standard view
Parameters
Start Date
End Date
UPDATE
Calculate
Filter
Bilty Location
Bilty Date
Entry Type
Transfer Or...
From Location
To Location
Bilty Number
Department
Logistic Vendor
We didn't find anything to show here.


DIN_BiltyEntryForm - Microsoft Visual Studio (Administrator)
File Edit View Project Build Debug Team Tools Test Dynamics 365 Analyze Window Help
Quick Launch (Ctrl+Q)
Sign in
Debug
Any CPU
Start
DIN_BiltyEntryListPage
Search ...
DIN_BiltyEntryListPage (usr) [DinAdmin]
Methods
Events
Data Sources
DIN_BiltyEntryListPageTmpTable
Parts
Design | Pattern: Custom
CustomFilterGroup (Group)
Methods
Events
DateGroup (Group)
Methods
Events
StartDate (Date)
Methods
Events
EndDate (Date)
Methods
Events
CalculateUpdateGroup (Button Group)
Methods
Events
Preview
Pattern
Bilty Location
Bilty Date
Entry Type
Transfer Order
From Location
To Location
Bilty Number
Department

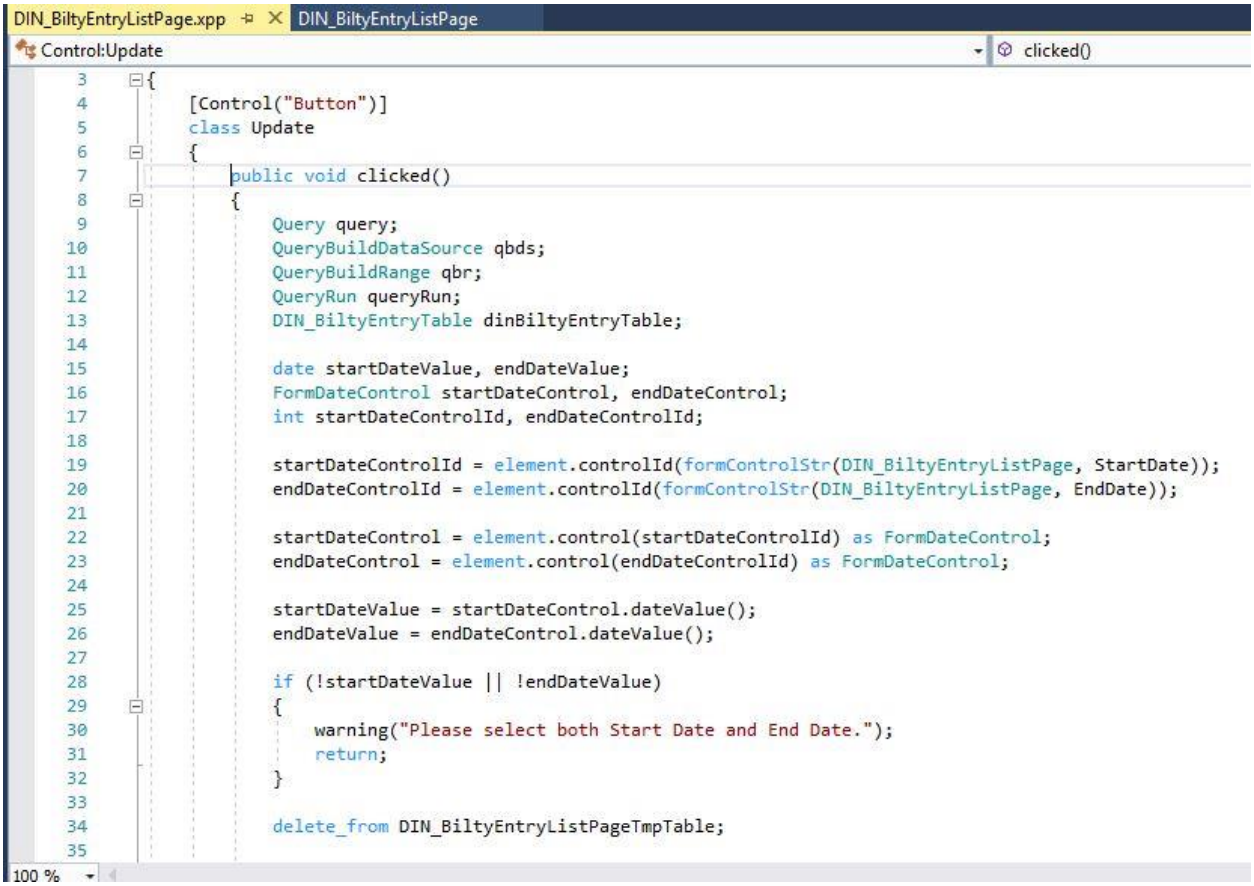

DIN_BiltyEntryForm - Microsoft Visual Studio (Administrator)
File Edit View Project Build Debug Team Tools Test Dynamics 365 Analyze Window Help
Quick Launch (Ctrl+Q)
Sign in
Debug
Any CPU
Start
DIN_BiltyEntryListPage
Search ...
DIN_BiltyEntryListPage (usr) [DinAdmin]
Methods
Events
Data Sources
DIN_BiltyEntryListPageTmpTable
Parts
Design | Pattern: Custom
CustomFilterGroup (Group)
Methods
Events
DateGroup (Group)
Methods
Events
StartDate (Date)
Methods
Events
EndDate (Date)
Methods
Events
CalculateUpdateGroup (Button Group)
Methods
Events
Update (Button)
Methods
clicked
Events
Filter (Group)
Methods
Events
QuickFilterControl (QuickFilter)
Methods
Events
ListPageGrid (Grid)
Methods
Events


Application Explorer
DIN_BiltyEntryListPage
Search ...
DIN_BiltyEntryListPage (usr) [DinAdmin]
Methods
Events
Data Sources
DIN_BiltyEntryListPageTmpTable
Parts
ListPageGrid (Grid)
Methods
Events
DIN_BiltyEntryListPageTmpTable_DIN_BiltyLocation (String)
Methods
Events
DIN_BiltyEntryListPageTmpTable_DIN_BiltyDate (Date)
Methods
Events
DIN_BiltyEntryListPageTmpTable_DIN_BiltyEntryType (Combo Box)
Methods
Events
DIN_BiltyEntryListPageTmpTable_DIN_BiltyTONumber (String)
Methods
Events
DIN_BiltyEntryListPageTmpTable_DIN_BiltyFromLocation (String)
Methods
Events
DIN_BiltyEntryListPageTmpTable_DIN_BiltyToLocation (String)
Methods
Events
DIN_BiltyEntryListPageTmpTable_DIN_BiltyNumber (String)
Methods
Events
DIN_BiltyEntryListPageTmpTable_DIN_BiltyDepartment (String)
Methods
Events
DIN_BiltyEntryListPageTmpTable_DIN_BiltyLogisticVendor (String)
Methods


DIN Bilty Entry List Page -- Financ
Not secure
https://usnconeboxax1aos.cloud.onebox.dynamics.com/?mi=DIN_BiltyEntryFormListPageMnuItemDisplay&prt&debug=vs&...
Finance and Operations
Search for a page
DIN 954ms
Options
Personalize
Always open for editing
Personalize this page
Add to workspace
Page options
Security diagnostics
Advanced filter or sort
Record info
Get a link
Share
Create a custom alert
Manage my alerts
Power Automate
See your flows
Create a flow
DIN Bilty Entry List Page
Standard view
Parameters
Start Date
11/1/2023
End Date
11/2/2024
UPDATE
Calculate
Filter
Bilty Location
Bilty Date
Entry Type
Transfer Or...
From Location
To Location
Bilty Number
Department
Logistic Vendor
HEAD OFFICE 10/23/2024 Assets ABTDSM DIREXP 12345 Inventory
HEAD OFFICE 10/23/2024 Inventory TO-00000... KAKUL ACADEMY AKHTER PLAZA 123 Inventory
HEAD OFFICE 10/23/2024 Inventory TO-00000... NEW FORTRESS MAIN WAREHOUSE SITE 1234 Inventory

Code:

Update button that gets from date and to date from inherit date field filter and fetch record from table add in data source



```
delete_from DIN_BiltyEntryListPageTmpTable;

DIN_BiltyEntryListPageTmpTable_ds.research(true);

query = new Query();
qbds = query.addDataSource(tableNum(DIN_BiltyEntryTable));

qbr = qbds.addRange(fieldNum(DIN_BiltyEntryTable, DIN_BILTYDATE));
qbr.value(SysQuery::range(startDateValue, endDateValue));

queryRun = new QueryRun(query);
while (queryRun.next())
{
    dinBiltyEntryTable = queryRun.get(tableNum(DIN_BiltyEntryTable));

    DIN_BiltyEntryListPageTmpTable.clear();
    DIN_BiltyEntryListPageTmpTable.initValue();

    DIN_BiltyEntryListPageTmpTable.DIN_BILTYLOCATION = dinBiltyEntryTable.DIN_BILTYLOCATION;
    DIN_BiltyEntryListPageTmpTable.DIN_BILTYDATE = dinBiltyEntryTable.DIN_BILTYDATE;
    DIN_BiltyEntryListPageTmpTable.DIN_BILTYENTRYTYPE = dinBiltyEntryTable.DIN_BILTYENTRYTYPE;
    DIN_BiltyEntryListPageTmpTable.DIN_BILTYTONUMBER = dinBiltyEntryTable.DIN_BILTYTONUMBER;
    DIN_BiltyEntryListPageTmpTable.DIN_BILTYFROMLOCATION = dinBiltyEntryTable.DIN_BILTYFROMLOCATION;
    DIN_BiltyEntryListPageTmpTable.DIN_BILTYTOLOCATION = dinBiltyEntryTable.DIN_BILTYTOLOCATION;
    DIN_BiltyEntryListPageTmpTable.DIN_BILTYNUMBER = dinBiltyEntryTable.DIN_BILTYNUMBER;
    DIN_BiltyEntryListPageTmpTable.DIN_BILTYDEPARTMENT = dinBiltyEntryTable.DIN_BILTYDEPARTMENT;
    DIN_BiltyEntryListPageTmpTable.DIN_BILTYLOGISTICVENDOR = dinBiltyEntryTable.DIN_BILTYLOGISTICVENDOR;
    DIN_BiltyEntryListPageTmpTable.DIN_BILTYREMARKS = dinBiltyEntryTable.DIN_BILTYREMARKS;

    DIN_BiltyEntryListPageTmpTable.insert();
}

DIN_BiltyEntryListPageTmpTable_ds.research(true);
```

https://github.com/mahmed-eng/Dynamics-D365-FinOps-in-a-NutShell/blob/main/Button%20methods/Update%20button%20that%20gets%20from%20date%20and%20to%20date%20from%20inherit%20date%20field%20filter%20and%20fetch%20record%20from%20table%20add%20in%20data%20source.txt