

GRN Manager Application

User Manual

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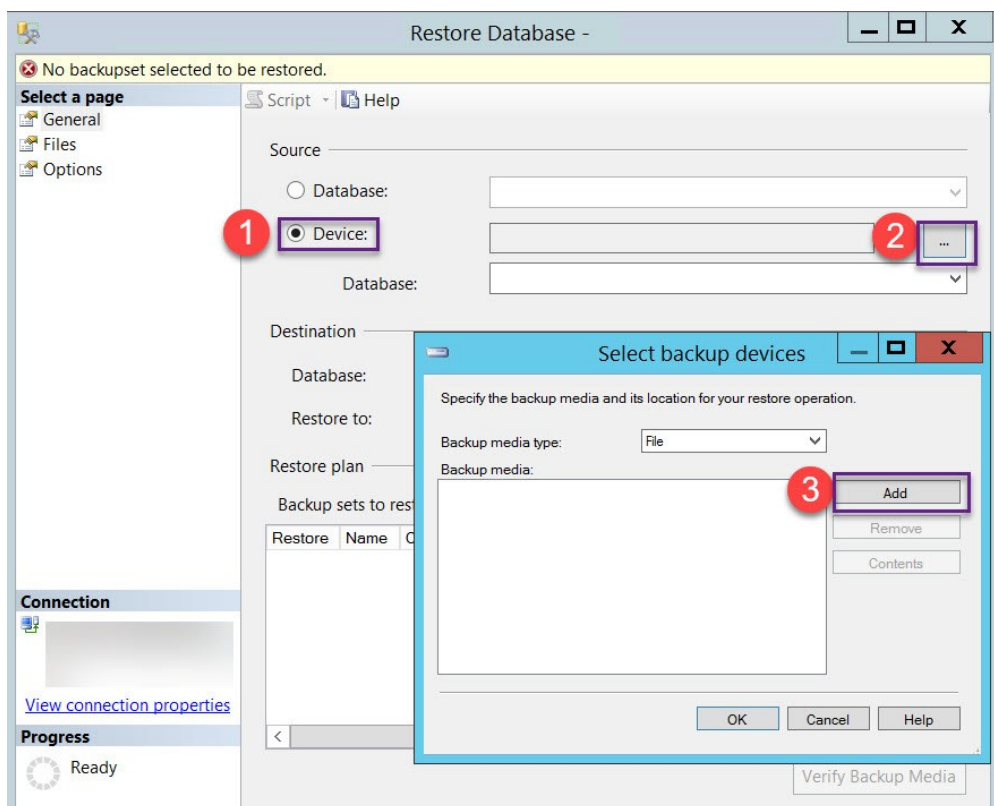
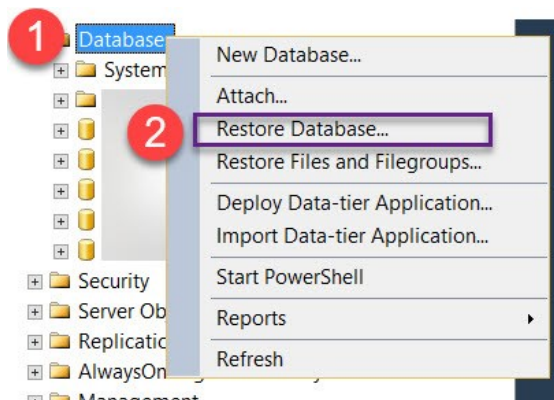
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Setting up the Application

Before running the application in your environment, you must set it up. Since the application depends on the SQL Server database, you would have to create the database and setup the connection string in the application.

Setting up the database: Please use the backup file provided to restore the database. To restore the database, follow the following steps (reference: <https://stackoverflow.com/a/52198822>).



Adding the connection string: After you restored the database, you can get the connection string. Add this connection string to the Config.cs file as shown below.

```

namespace GRN_Manager
{
    2 references
    public class Config
    {
        // Change the connection string to your own
        private static string connectionString = "Data Source=DESKTOP-SEUBN8Q;Initial Catalog=grn;Persist Security Info=True;User ID=Shamika-SQLServer;Password=Shamika1234567890";

        2 references
        public static string getConnectionString()
        {
            return connectionString;
        }
    }
}

```

Adding GRN

Using the main interface you can add new GRNs and view/filter GRNs.

Add GRN

GRN General

GRN Number: 15005 Date: Wednesday, March 13, 2024

Supplier: PowerTools

Items

Item Name: Drill Quantity: 2 Item Description: Wall Drill

Delete Update **Add**

Select a row to update or delete.

Submit GRN

View GRN

Date: Monday, March 11, 2024

Supplier:

GRN Number:

Clear Filter

Report...

GRN Number	Date	Supplier
423456	12-Mar-24	Fasteners Ltd.
4324	12-Mar-24	BuildItRight

Select a row to view item details

Since a GRN can have multiple items, the application supports this requirement. Items can be deleted or updated before submission. This can be done by selecting a row corresponding to the item you need to make a modification.

Manage GRN

Add GRN

GRN General

GRN Number

15005

Date

Wednesday, March 13, 2024

Supplier

PowerTools

Items

Item Name

Drill

Quantity

2

Item Description

Wall Drill

Delete

Update

Add

Item Name	Item Quantity	Item Description
Drill	2	Wall Drill

Select a row to update or delete.

Submit GRN

View GRN

Date

Monday, March 11, 2024

Supplier

GRN Number

Clear

Filter

Report...

GRN Number	Date	Supplier
423456	12-Mar-24	Fasteners Ltd.
4324	12-Mar-24	BuildItRight

Select a row to view item details

Filtering GRNs

You can filter GRNs by providing required criteria such as date, supplier, and GRN number.

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Manage GRN

Add GRN

GRN General

GRN Number Date

Supplier

Items

Item Name

Quantity

Item Description

Item Name	Item Quantity	Item Description
-----------	---------------	------------------

Select a row to update or delete.

View GRN

Date

Supplier

GRN Number

GRN Number	Date	Supplier
423456	12-Mar-24	Fasteners Ltd.

Select a row to view item details

Viewing Detailed Information

To view detailed information about a GRN, you may do so by selecting a row corresponding to GRN you wish to know more about.

Manage GRN

Add GRN

GRN General

GRN Number

Date

Wednesday, March 13, 2024

Supplier

Items

Item Name

Quantity

Item Description

Delete

Update

Add

Item Name	Item Quantity	Item Description

Select a row to update or delete.

Submit GRN

View GRN

Date

Monday, March 11, 2024

Supplier

GRN Number

Clear

Filter

Report...

GRN Number	Date	Supplier
423456	12-Mar-24	Fasteners Ltd.
4324	12-Mar-24	BuildItRight

Select a row to view item details

Once selected, a new window will be opened with additional information as shown below.

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The screenshot shows a web application titled 'Manage GRN'. The main form is 'Add GRN', which includes a 'GRN General' section with fields for 'GRN Number', 'Date' (set to 'Wednesday, March 13, 2024'), and 'Supplier'. Below this is an 'Items' section. A modal window titled 'GRN Details' is open, showing the same 'GRN General' information for GRN 423456, dated 2024-03-12, from Fasteners Ltd. The modal also contains a table of items:

Item Name	Item Quantity	Item Description
Conveyor	2	A lift conveyor
Light Bulb	14	LED light bulbs

Below the table, there is a 'Report...' button and a note: 'Select a row to view item details'.

Reporting

To view a report corresponding to a GRN, you may click the 'Report...' button and then enter the GRN number you want the report for. All the steps are shown in the images below.

Manage GRN

Add GRN

GRN General

GRN Number

Date

Wednesday, March 13, 2024

Supplier

Items

Item Name

Quantity

Item Description

Delete

Update

Add

Item Name

Item Quantity

Item Description

Select a row to update or delete.

Submit GRN

View GRN

Date

Monday, March 11, 2024

Supplier

GRN Number

Clear

Filter

Report...

GRN Number	Date	Supplier
423456	12-Mar-24	Fasteners Ltd.
4324	12-Mar-24	BuildIt Right

Select a row to view item details

Report Viewer

Enter Parameter Values

Please enter the GRN number you wish to generate a report for:

grn_number

423456

OK

Cancel

Current Page No.: 1

Total Page No.: 1+

Zoom Factor: 100%

Date

Wednesday, March 13, 2024

Item Name

Item Quantity

Item Description

Select a row to update or delete.

Submit GRN

GRN Number	Date	Supplier
423456	12-Mar-24	Fasteners Ltd.
4324	12-Mar-24	BuildIt Right

Select a row to view item details

Manage GRN

Add GRN

GRN General

GRN Number

Date

Wednesday, March 13, 2024

Supplier

Report Viewer

Items

Item

Qu

Item

View GRN

Date

Sup

GR

13-Mar-24

423456

2024-03-12

Fasteners Ltd.

Items

Item Name

Quantity

Description

Light Bulb

14

LED light bulbs

Conveyor

2

A lift conveyor

Current Page No.: 1

Total Page No.: 1

Zoom Factor: 100%

Submit GRN

Select a row to view item details