GUI_ProjectSelector – Selection of a Project

Revision history

2019-02-06	Rod Thompson	Original draft
2019-02-08	Rod Thompson	SCOPE – Add Issue REQUIREDS SERVICES – Update UserAUX BR module detail ACTIONS – Addtion regarding change of project selection

SCOPE

This GUI module is called from the Project Backup window (GUI_Project Backup), to allow selection of a Project.

A table is presented to the User, listing the projects available for a selection.

Data to load the table is obtained via a BR module.

In the form presented here at this time, the module has only this single use.

An alternative format (without the normal window structured) is considered likely in the future to enable this module to be used as an insert to other GUI modules requiring the same project selection functionality.
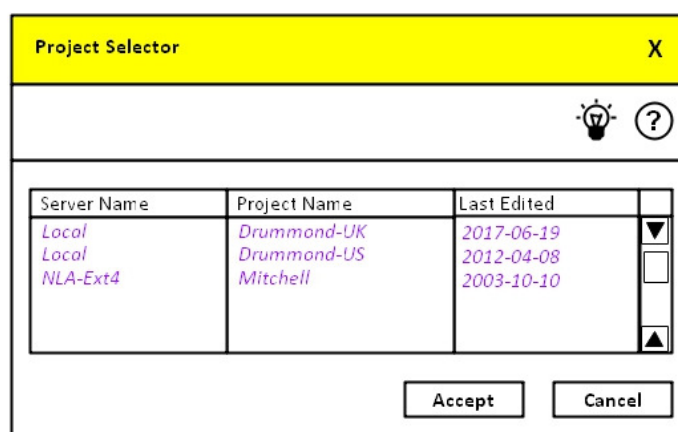
Issue

The 'Last Edited' file of the projects list is suspect.

For local projects, the data will be correct if there is only one User of the project. The data will be inaccurate where there are multiple Users of the project, in both local and remote servers.

LOOK AND FEEL

The window has 3 parts:

- A toolbar with icon buttons providing the following features:
    - the 'Reminder' icon displays the <u>Reminder</u> content for this window
    - the 'Help' icon displays context <u>Help</u> about the use of this window.
- A scrollable display area which shows all of the projects available to the User, and allows the selection from the displayed list.
  The list order is to be determined.
  It may be as read from the source file – in whatever order that data is stored, but preferably sortable by mouse click on a column heading (NILS code).
- An 'Accept' button, which exits the window with the selected project name
- A 'Cancel' button, which cancels any selection action, and exits the window.

ProjectSelector Window - Mockup

Shape, Size, Color, Layout etc. determined in design. On screen location Inherited from the Project Backup Window located immediately below the Project menu button Not User changeable	Refer to the 04.05 GUI_Project Backup module specification

ACTIONS

The fundamental operations are:

1. Open the window according to its saved window Layout (BR_WindowConfig)
2. Load the table display with details of the projects 'known' to the User, with scrollbar functionality dependent on the number of projects
3. Allow the sorting of the tabular data
4. Allow selection of a project, with a mouse click on a selected cell within the table. A change of selection occurs with a mouse click on a different cell in the table
5. Acceptance of the selection, with closure of the window, returning the selection to the calling Project Backup window
6. Cancellation of any selection, with closure of the window, returning to the calling Project Backup window.

INFORMATION DISPLAY

This table provides the user with information about the Project to allow selection for the purpose of a backup.

It includes:

Server Name
Project Name
Last backup date.

Additional data on each record is collected from the data file, with the full selected record returned to the Project Backup module for use.

USED BY

All HRE users.

DATA CONTROLLED BY THIS MODULE

None

REQUIRED DATA CONTROLLED BY OTHER MODULES

1. Project data, including Server names and access information, Project names with filename and locations.

REQUIRED SERVICES - Dependencies

First-Order Dependencies	Second-Order Dependencies	Higher-Order Dependencies
07.17 BR_WindowConfig4	07.06 BR_GuiElement	
	07.02 BR_EntityLink	
	07.29 BR_Translation	
	07.16 BR_MessagePatterns	
07.44 BR_ClientAUX		

APPLICATION PROGRAMMING INTERFACE (API)

1. Single call, with parameters.

LOGGING
No logging for this module.

EVENT ACTIONS
1) Keyboard actions
   NIL
2) Mouse actions
   <u>Left key</u>
   a. click on a table column heading sorts the table data, according to the data in the column, in alternate up or down fashion on each selection
   b. click on a cell in the table, collects the Project Name from that record
   c. a click on any other cell in the table changes data collected to the Project Name for the newly selected record
   d. click on the 'Accept' button closes the window, returns to the calling Project Backup windows with the data for the selected project
   e. click on the 'Cancel' button, cancels any pre-selected project, closes the window and returns to the calling Project Backup window without a project selection.
   f. click on icons (detailed below)
   <u>Right key</u>
   To be determined
3) Icon actions
   a. left mouse key click on icons in the Window Control group:
      a. 'X' icon
         (closes the window)
         NOTE: Same action as in use of the 'Cancel' button
   b. left mouse key click on 'Reminder' icon:
      (opens 'Reminder' window for this 'Project Backup' window)
   c. left mouse click on 'Help ' icon:
      (opens the Help System, searches for the section on 'Project Backup' window).
4) Keyboard shortcuts
   To be determined

WARNING CONDITIONS
1. Need to record the condition that raised the error, example message and possible next steps.
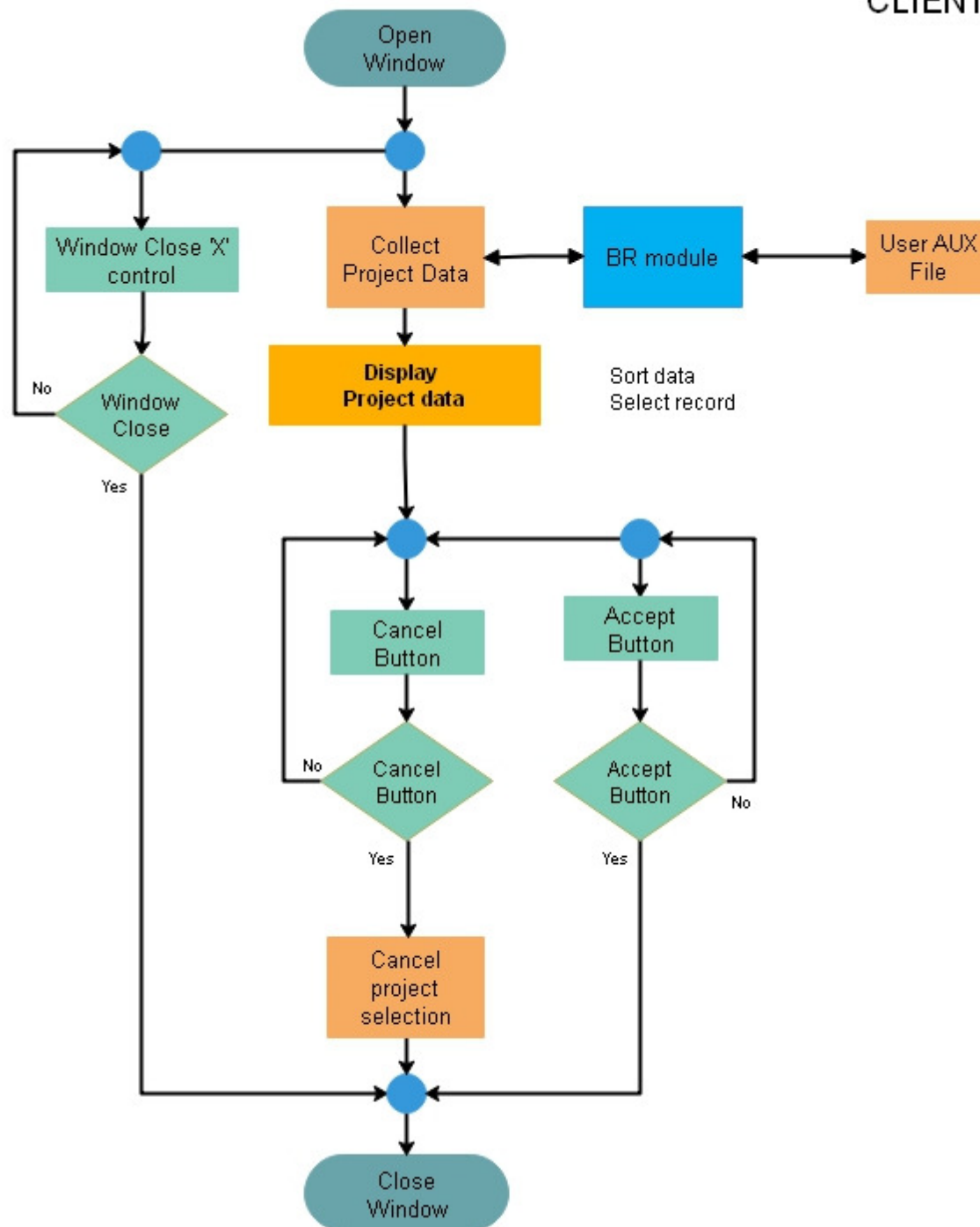

ERROR CONDITIONS
2. Need to record the condition that raised the error, example message and possible next steps.

WINDOW INTERACTION MAP
Not applicable

PROCESS FLOW CHART

CLIENT

Open Window

Window Close 'X' control

Collect Project Data ↔ BR module ↔ User AUX File

No

Window Close

Yes

Display Project data

Sort data
Select record

Cancel Button

Accept Button

No Cancel Button

Accept Button No

Yes

Yes

Cancel project selection

Close Window

USE CASES

TESTING
Testing to prove the functionality of this module in use with others of the HRE application.
Limited 'Project' functionality (see below).
Prior testing of the module in the code development process is assumed.