



GDAS DATA ACQUISITION SYSTEM

SOFTWARE SUPPLIER : GRAVITY TECHNO

SOFTWARE MAKE: RSWebTechSoft

SOFTWARE VERSION: RSWEBTECH\SW\ZEMLOG\1.0.0.1

SALIENT FEATURES OF GDAS DATA ACQUISITION SYSTEM SOFTWARE

VERSION RSWEBTECH\SW\1.0.0.1 HAVE THE FOLLOWING FEATURES.

- **PROVIDING DOWNLOADING OF ALL ACTIVE ZEMLOG.**
- **PROVIDING DOWNLOADING OF ALL ACTIVE ZEMSCAN.**
- **REPORTS FOR ZEMLOG, ZEMSCAN ARE PROPERLY FORMATTED.**
- **GRAPH FOR ZEMLOG AND ZEMSCAN CAN BE PLOTTED AND PRINTOUTS CAN BE TAKEN.**
- **PRINT FREQUENCY AND PAGE LENGTH IS SETTABLE THROUGH THE SOFTWARE.**
- **TIME CAN BE SYNCHRONIZED FOR THE ZEMLOG AND ZEMSCAN THROUGH SOFTWARE.**
- **USER FRIENDLY 'DATA BACKUP', 'BACKUP & DELETE DATA' AND 'RESTORE DATA' UTILITY**
- **DATABASE IS SECURED.**
- **THIS SOFTWARE IS RUNNING IN ALL WINDOWS PLATFORMS.**
- **IT CAN CONFIGURE UNLIMITED NUMBER OF LOGGER / SCANNER.**
- **REPORT CAN BE SAVED IN MULTI WAYS (i.e. in PDF, Word, Excel etc.).**



21 CFR PARTS 11 COMPLIANCE FEATURES

- **USER SECURITY WHILE MODIFYING THE SETUP SETTINGS.**
- **AUDIT TRAIL REPORT (IT KEEPS THE TRACK WHILE MODIFYING THE SETUP SETTINGS.**
- **USER LEVEL SECURITY WHILE ENTERING INTO THE APPLICATION.**
- **USER LEVEL PASSWORD POLICY IMPLEMENTED AS PER 21 CFR PART 11 COMPLIANCE FEATURES.**
- **AUTO PASSWORD EXPIRY AFTER 3 MONTH FROM THE FIRST TIME LOGIN.**

HARDWARE REQUIREMENT

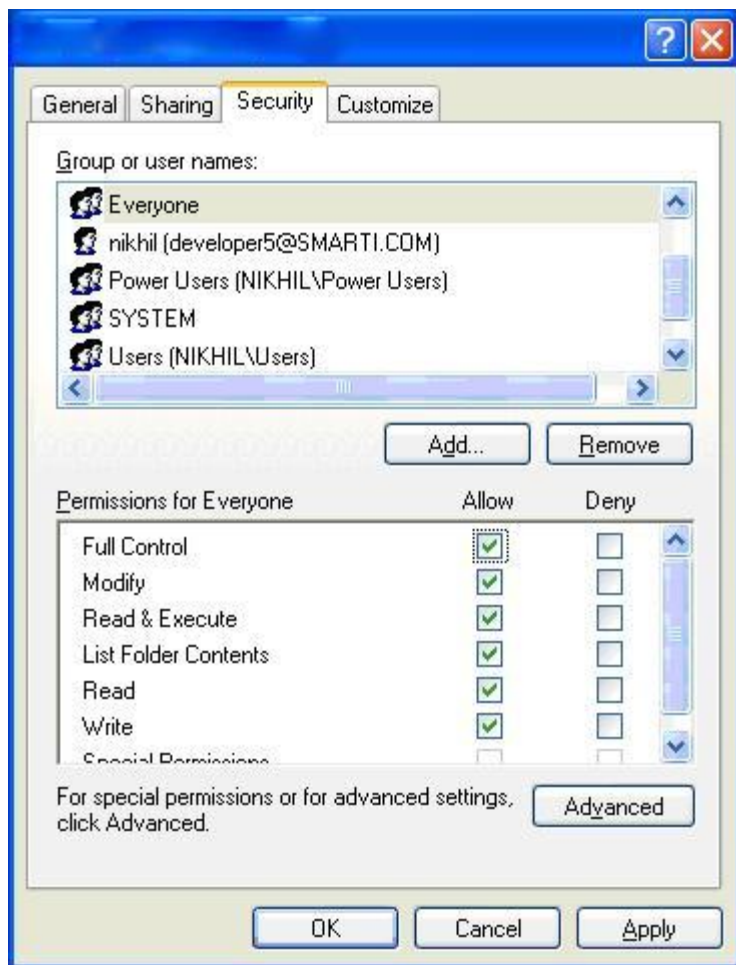
SR No.	Hardware/ Software Parts	Specification	Yes / No
1	RAM	512 MB or Higher	
2	PROCESSOR	Pentium dual core or above	
3	HARD DISK	140 MB Installation Space +20 GB or Higher for Data Storage	
4	OPERATING SYSTEM	Windows XP with Service Pack 2, Service Pack 3 And Window7 - 32-bit,64 bit	
5	CD-ROM\WRITER	CD -ROM for software installation and CD-Writer	
6	COM PORT	9 Pin Comport for Communication	
7	USB PORT	For Dongle (Hardware Lock)	
8	PRINTER	For taking the printouts	
9	MONITOR RESOLUTION	1024 * 768 Pixels	

INSTALLATION PROCESS

SR.	INSTALLATION PROCESS	YES / NO
1.	Connect Converter output cable to the PC.	
2.	Connect Dongle at USB Port.	
3.	Check the power (PWR) indicator on the Converter.	
4.	Insert the software CD and run the Setup program following the instruction in the manual.	
5.	Set the system DateTime as the format "dd/MM/yyyy" Time: "hh:mm:ss"	

2) Security Rights.

After Installation if the software have not fully admin rights then follow the procedure to give the administrative rights. First of all go to the Installation Path **i.e. C://Program Files//RSWebTechSoft Pvt Ltd//GDAS Data Acquisition System**. Right click on the folder and go to the Security Tab and then Click on every Group or Users and then give Full Control and then click on OK.



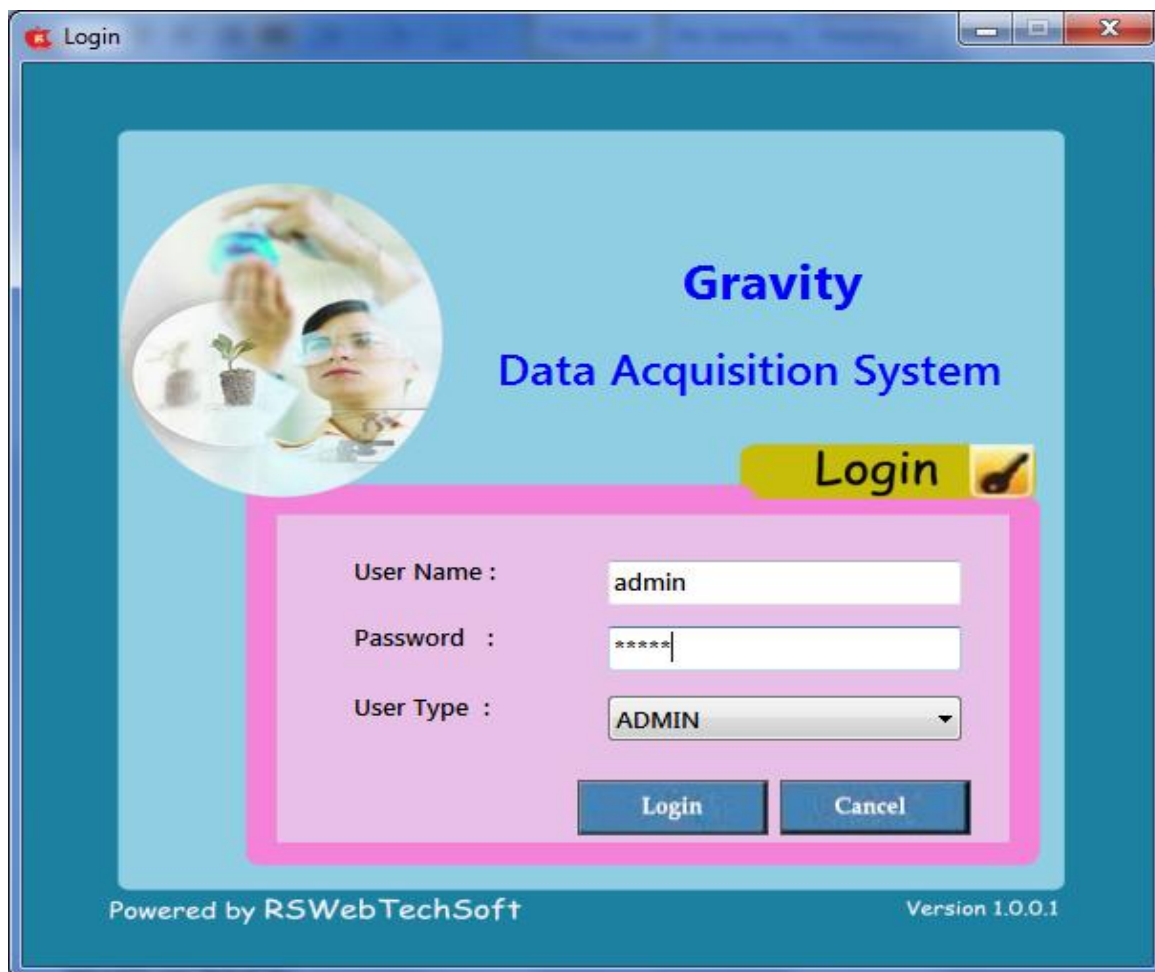
GDAS DATA ACQUISITION SYSTEM

LOGIN:

This form is displayed as soon as the user clicked on the icon which is either at system startup or on the desktop.

To Access the software user must Log in the software by supplying Proper User Name, Password and proper User Type.

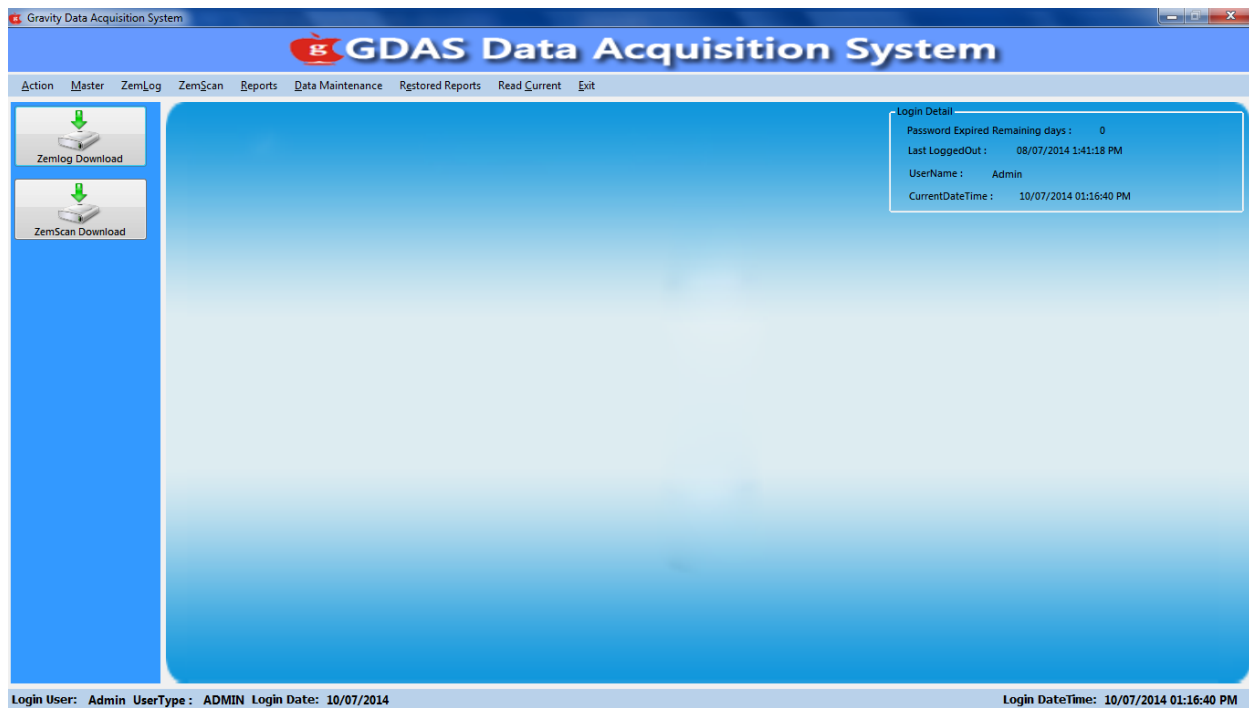
Login Screen:

The login screen is a window titled 'Login' with a blue border. It features a circular inset image on the left showing a person in a lab coat and safety glasses working with a plant. The main area has a light blue background with the text 'Gravity' in large blue font and 'Data Acquisition System' below it. A yellow 'Login' button with a key icon is on the right. A pink rectangular box contains the login fields: 'User Name : admin', 'Password : *****', and 'User Type : ADMIN' (a dropdown menu). Below these fields are 'Login' and 'Cancel' buttons. At the bottom, it says 'Powered by RSWebTechSoft' on the left and 'Version 1.0.0.1' on the right.

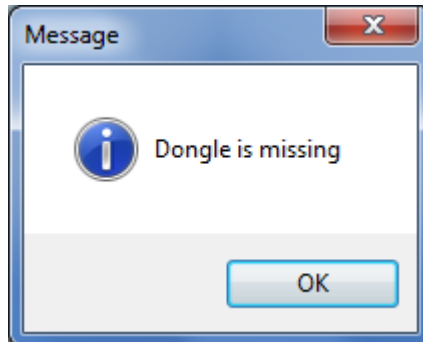
User Name :	admin
Password :	*****
User Type :	ADMIN
<input type="button" value="Login"/> <input type="button" value="Cancel"/>	

MAIN SCREEN:

After successful Log in by supplying the proper User name, Password and User Type software's Main screen is displayed. The entire shortcut keys for specified functionality are displayed as F1, F1... etc. and the Navigational Menu to navigate for the functionalities. This Screen also displays the Login User Name, Login Date and Login Time at the right bottom of the main screen.



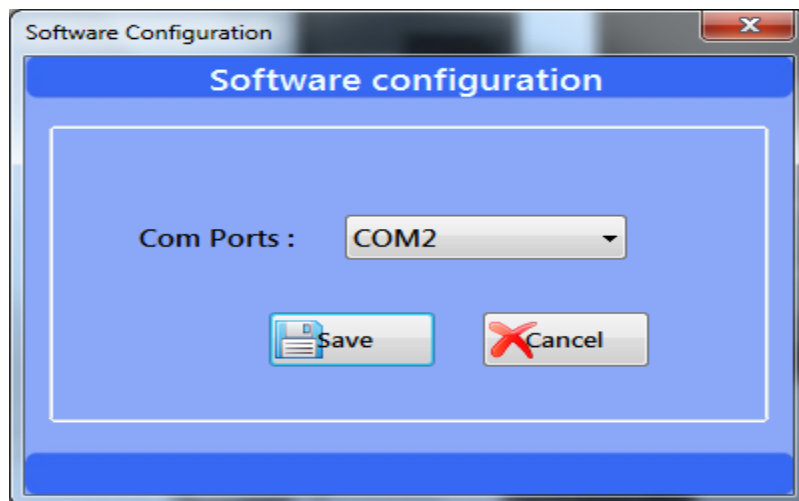
If the dongle is not connected or removed in between while the software is running the following screen is displayed with the description of "Dongle is missing".



CONFIGURATION SETTINGS:

NAVIGATION PATH	UTILITIES -CONFIGURATION SETTINGS.
SHORTCUT KEY COMBINATION	ALT + F8

This form is displayed at the software startup for the first time when the software is started for very first time. This is the Software Configuration settings form where the user is selecting the Com Port which will be used for communication between the Printer/PC interface unit and the PC.



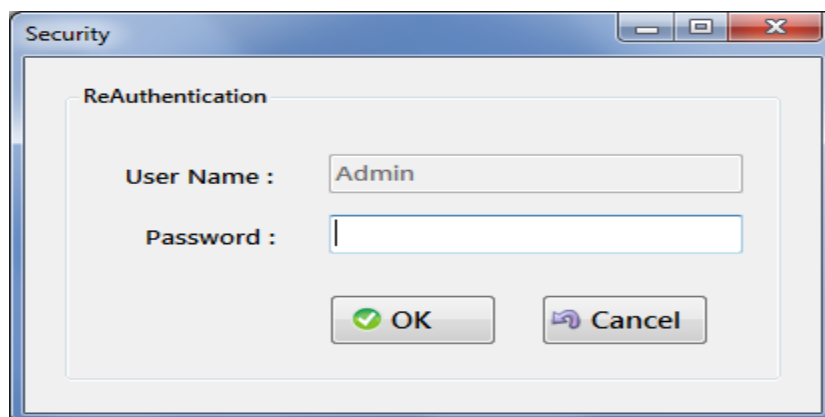
FIRST TIME LOG-IN CHANGE PASSWORD:

If the user is not 'an Administrator type' and he is Logging in the software for the first time then the user has to change the password and Re-Log-In in the software with new Password.

To check the Software Configuration Settings open the Software Configuration form by navigating menu Utilities Software Configuration or by accessing the shortcut Key, i.e. combination Alt + F8. It will ask to enter the password through the security form type the password and click Ok to enter Software Configuration. Select the Com Port through which the communication between Printer/Pc Interface Unit and PC will be done. Save settings by clicking on the 'Save' button of the Software Configuration form.

SECURITY:

Each and every time if the user wants to open the form for any operation such as download data, Change settings except reports and graph he has to follow the security check by entering the password to verify that the reflections or changes are going to do by verified and valid user. If the password does not matches then the user is not able to access the form or he is not able to any changes or activities until and unless the proper Password is supplied.



MASTER MENU:

CONFIGURE USER TYPE:

NAVIGATION PATH MASTER	CONFIGURE USER TYPE
SHORTCUT KEY COMBINATION	CTRL + T

This form is used for Addition, Alteration and Deletion of User Type i.e. Administrator, MANAGER, USER. Which will be used for the user Login. Users are able to assign only specific writes for the particular User Type Except administrator User Type.



User Permission

Permission

User Type: **ADMIN**

- ☒ Company Master
- ☒ Configuration User Master
- ☒ Setup Setting
- ☒ Download
- ☒ Reports
- ☒ Delete User & Data
- ☒ User Permission
- ☒ Print Frequency
- ☒ Page Length
- ☒ Backup & Restore Full Database
- ☒ Audit Report
- ☒ Backup & Delete Database

Add or Edit the User Type setting by providing reasoning for addition or alteration of User Type setting. Select the User type and check or uncheck the checkmarks of the functions available in the software as per the user type requirements.

NOTE:

- I. Administrator User Type will have all the functionalities available in the software.**
- II. Administrator User Type is not Editable.**
- III. Report functionality is compulsory for all other User Type.**

COMPANY MASTER:

NAVIGATION PATH MASTER	COMPANY MASTER
SHORTCUT KEY COMBINATION	CTRL + O

This form is used for setting the Company Name and the Location of the company. These settings will be used in all the reports that are prepared through the GDAS software.



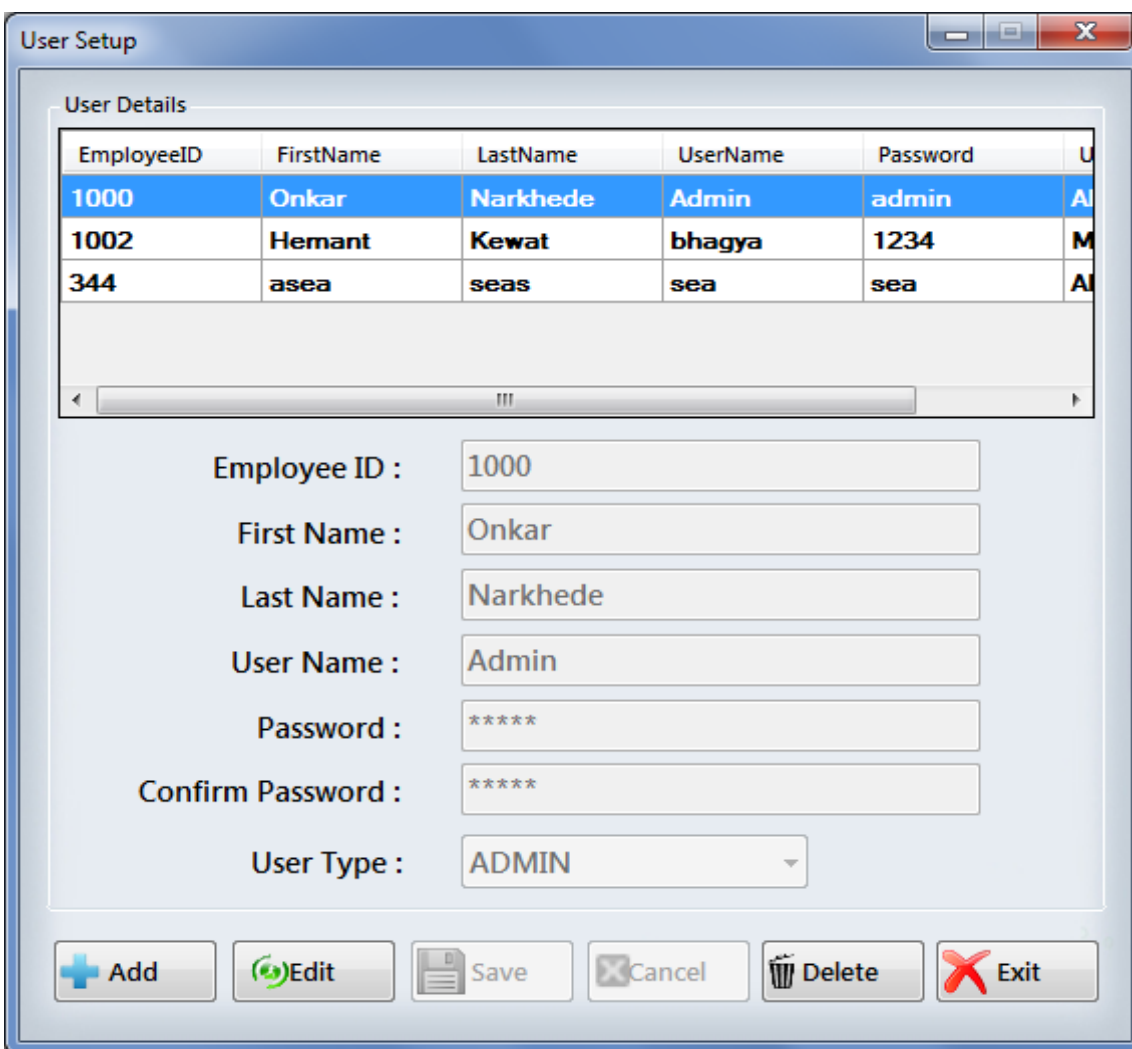
The screenshot shows a software window titled "Company Master". Inside the window, there is a table with three columns: "CompanyName", "CompanyFirstAddress", and "CompanySecondAddress". The first row of the table contains the values "ABCD", "PQRS", and "ASDF". Below the table, there are three text input fields labeled "Company Name :", "Company Address :", and "Company Address2 :". Each field contains the same value as the corresponding column in the table above. At the bottom of the form, there are four buttons: "Edit" (with a green circular arrow icon), "Save" (with a floppy disk icon), "Cancel" (with a grey X icon), and "Exit" (with a red X icon).

To check the Company Master Settings open the Company Master form by navigating menu Master-> Company Master or by accessing the shortcut Key, i.e. combination Ctrl + O. It will ask to enter the password through the security form type the password and click 'Ok' to enter Company Master form. Edit the company master by providing reasoning for addition or alteration of company master settings. Save settings by clicking on the 'Save' button of the company master form by providing reasoning for alteration of company master settings.

USER REGISTRATION:

NAVIGATION PATH MASTER	CONFIGURE USER TYPE
SHORTCUT KEY COMBINATION	CTRL + M

This form is used for Addition, Alteration and Deletion of User and also assign the user type i.e. Administrator, Manager, User. Which will be used for the user Login. Users are able to assign only specific rights for the particular User Type Except administrator User Type.



User Setup

User Details

EmployeeID	FirstName	LastName	UserName	Password	User Type
1000	Onkar	Narkhede	Admin	admin	ADMIN
1002	Hemant	Kewat	bhagya	1234	MANAGER
344	asea	seas	sea	sea	ADMIN

Employee ID : 1000

First Name : Onkar

Last Name : Narkhede

User Name : Admin

Password : *****

Confirm Password : *****

User Type : ADMIN

EQUIPMENT MASTER:

NAVIGATION PATH MASTER	CONFIGURE USER TYPE
SHORTCUT KEY COMBINATION	CTRL + E



This form is used for Addition, Alteration and Deletion of Equipments. Here first of all user set the proper Device no, Equipment Name, Equipment Make and Type for the equipment which are installed in lab or company.

Equipment	EquipmentName	EquipmentMake	Type
1	Gravity Techno	Gravity	ZemLog

Device Number :

Equipment Name :

Equipment Make :

Type :

ZEMLOG MENU:

ZEMLOG SETTINGS:

NAVIGATION PATH ZEMLOG	ZEMLOG SETTING
SHORTCUT KEY	FUNCTION KEY : F2

This form is used for Addition, Alteration of ZEMLOG settings. These Settings will be used for the reports and for downloading of corresponding Zemlog.

Logger Settings

Zemlog Setting

ZemlogNo	ZemlogType	IsActive	EquipmentID	EquipmentNar	EquipmentM
asd/001	STABILITY	1	1	Gravity Tech...	Gravity

Equipment ID :

Zemlog Type : ☒ Temperature ☐ Stability

Active ☒ Decimal : Channel

Device Number :

Equipment Name :

Equipment Make :

Department Name :

Set Temperature : Limit \pm

Set Temperature : Limit \pm

Select the corresponding ZEMLOG, Add or Edit the ZEMLOG setting by providing reasoning for addition or alteration of ZEMLOG settings. Select the ZEMLOG Type as 'Stability' or 'Temperature' as per the requirement. Check the checkmark of 'Active' since at the time of downloading the selected ZEMLOG's data will automatically gets downloaded. Uncheck the checkmark of 'Active' if the ZEMLOG downloading is not required or the ZEMLOG is Not in Use.

If the user selects the temperature then he/she must select the channel

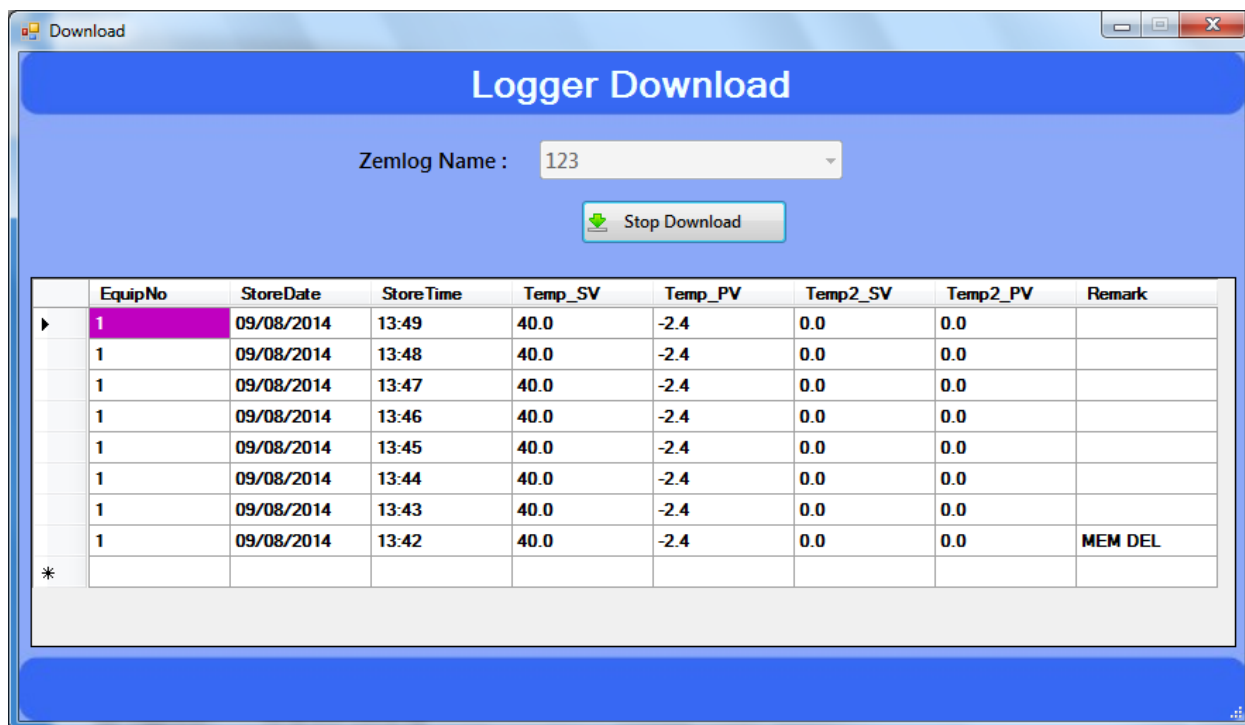
- 1) If he/she selects 1 channel then in report it shows only one temperature channel report.
- 2) If he/she selects 2 channel then in report it shows two temperature channel report.

For Decimal user must aware the selection mode

- 1) If he/she chooses 0 then it shows data without decimal for temperature and humidity.
- 2) If he/she chooses 1 then it shows data with decimal for temperature and data without decimal for humidity.

- 3) If he/she chooses 2 then it shows data without decimal for temperature and data with decimal for humidity.
- 4) If he/she chooses 3 then it shows data with decimal for both temperature and humidity.

ZemLog Download:



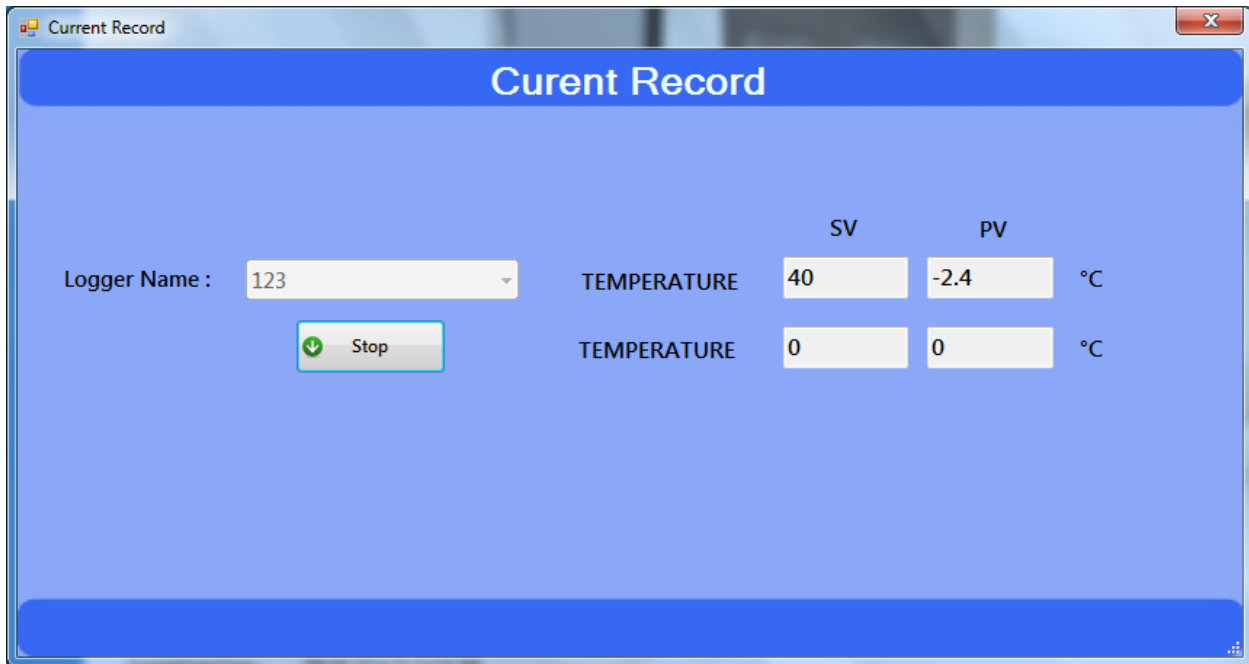
	EquipNo	StoreDate	StoreTime	Temp_SV	Temp_PV	Temp2_SV	Temp2_PV	Remark
▶	1	09/08/2014	13:49	40.0	-2.4	0.0	0.0	
	1	09/08/2014	13:48	40.0	-2.4	0.0	0.0	
	1	09/08/2014	13:47	40.0	-2.4	0.0	0.0	
	1	09/08/2014	13:46	40.0	-2.4	0.0	0.0	
	1	09/08/2014	13:45	40.0	-2.4	0.0	0.0	
	1	09/08/2014	13:44	40.0	-2.4	0.0	0.0	
	1	09/08/2014	13:43	40.0	-2.4	0.0	0.0	
	1	09/08/2014	13:42	40.0	-2.4	0.0	0.0	MEM DEL
*								

First of all we have to select the appropriate zemlog from the combobox. Then press the download button it will display the current downloading data with appropriate order. It will download until user not to press the stop button.

Zemlog current record:

Similar to the zemlog download first of all user must select the logger name and press the get record button. Then it will show the current reading of the selected active logger.

- 1) If the active logger is stability then it will show temperature as well as humidity value.
- 2) If the active logger is temperature it will show only temperature value.



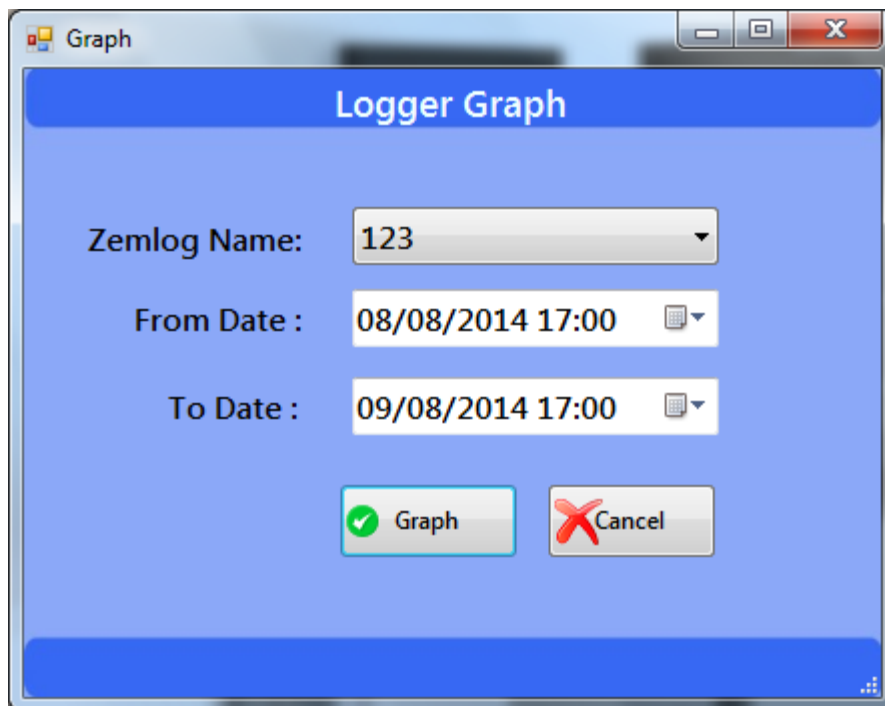
ZEMLOG GRAPH:

This form is used to View ZEMLOG Graph for selected date and time range for the specified ZEMLOG. Select the ZEMLOG and select the date and time range for which the Graph has to be displayed and click on the Graph button of the ZEMLOG Graph form.

NOTE:

ZEMLOG Graph is plotted as per the data which was downloaded for selected ZEMLOG and specified date and time for selected ZEMLOG in the ZEMLOG Settings Form.

NAVIGATION PATH	Reports->All GRAPH->Zemlog Graph
SHORTCUT KEY	FUNCTION KEY : F8



ZEMSCAN MENU:

ZEMSCAN SETTINGS:

NAVIGATION PATH	ZEMSCAN->ZEMSCAN SETTING
SHORTCUT KEY	FUNCTION KEY : F4

This form is used for Addition, Alteration of ZemScan settings. These Settings will be used for the reports and for downloading of corresponding ZemScan.

Scanner Settings

ZemScan Setting

ZemScanNo	ZemScanType	IsActive	EquipmentID	EquipmentName	EquipmentMake	DepartmentName	Temperature
ABCD1	TEMPERAT...	1	21	ABCD	MICROTRO...	CHAMBER	30

Equipment ID :

ZemScan Type : ☒ Temperature ☐ Stability

☒ Active ☒ Decimal

Select Channel :

Device Number :

Equipment Name :

Equipment Make :

Department Name :

Set Temperature : Temperature Limit \pm

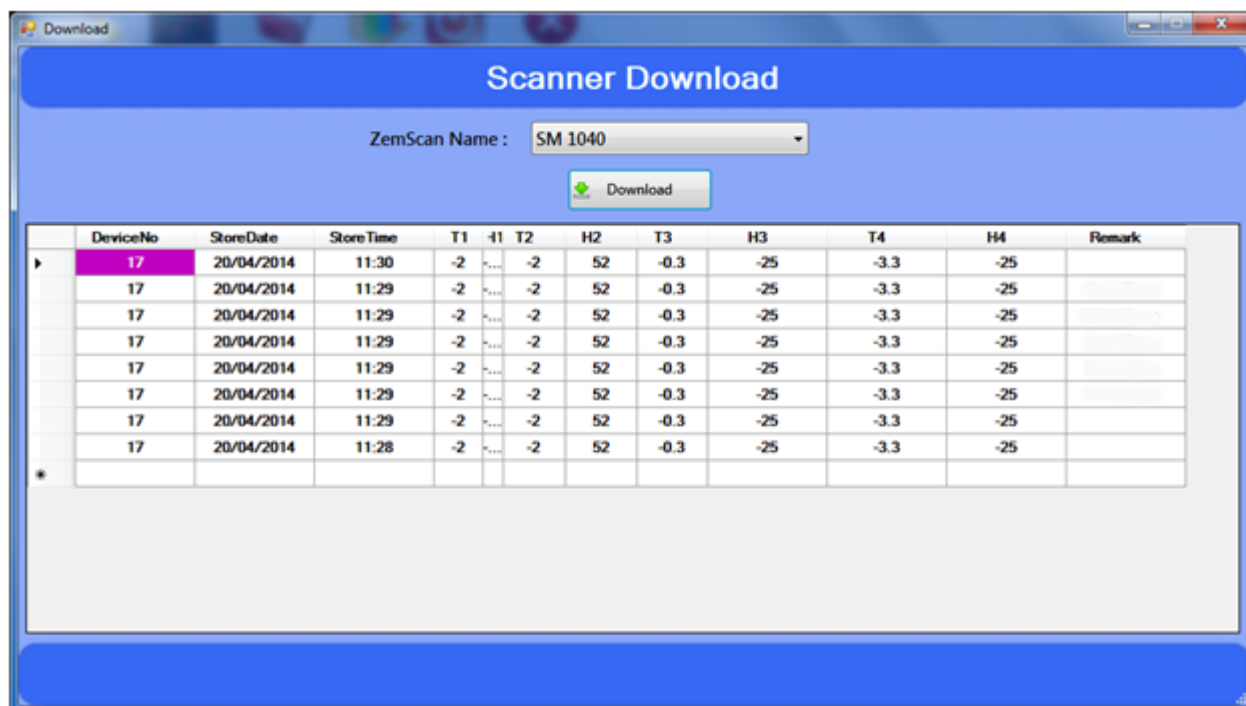
Set Humidity : Humidity Limit \pm

Select the corresponding ZemScan, Add or Edit the ZemScan setting by providing reasoning for addition or alteration of ZemScan settings. Check the checkmark of 'Active' since at the time of downloading the selected ZemScan's data will automatically gets downloaded. Un-Check the Checkmark of 'Active' if the ZemScan downloading is not required or the ZemScan is Not in Use. Select the ZemScan Type as 'Stability' or 'Temperature' as per the requirement.

ZEMSCAN DOWNLOAD:

NAVIGATION PATH ZEMSCAN	ZEMSCAN DOWNLOAD
SHORTCUT KEY	FUNCTION KEY : F6

This form is used for Downloading of ZemScan connected and which are set as 'Active' in ZemScan Settings Form. Downloading all the Active ZemScan will start after clicking the Button 'Start Download' on ZemScan Download Form.



The screenshot shows a software window titled "Download" with a sub-header "Scanner Download". Below the header, there is a "ZemScan Name" dropdown menu set to "SM 1040" and a green "Download" button with a download icon. Below this is a data grid with the following columns: DeviceNo, StoreDate, StoreTime, T1, H1, T2, H2, T3, H3, T4, H4, and Remark. The grid contains 8 rows of data, all for DeviceNo 17, StoreDate 20/04/2014, and StoreTime 11:30. The readings for T1, H1, T2, H2, T3, H3, T4, and H4 are consistent across all rows. The Remark column is empty for all rows.

DeviceNo	StoreDate	StoreTime	T1	H1	T2	H2	T3	H3	T4	H4	Remark
17	20/04/2014	11:30	-2	-2	-2	52	-0.3	-25	-3.3	-25	
17	20/04/2014	11:29	-2	-2	-2	52	-0.3	-25	-3.3	-25	
17	20/04/2014	11:29	-2	-2	-2	52	-0.3	-25	-3.3	-25	
17	20/04/2014	11:29	-2	-2	-2	52	-0.3	-25	-3.3	-25	
17	20/04/2014	11:29	-2	-2	-2	52	-0.3	-25	-3.3	-25	
17	20/04/2014	11:29	-2	-2	-2	52	-0.3	-25	-3.3	-25	
17	20/04/2014	11:29	-2	-2	-2	52	-0.3	-25	-3.3	-25	
17	20/04/2014	11:28	-2	-2	-2	52	-0.3	-25	-3.3	-25	

Click on the 'Start Download' button on the ZemScan Download Form. Downloading of data from ZemScan to PC should start and the readings should be displayed in the grid of the ZemScan download Form.

REPORTS MENU:

ZEMLOG REPORTS:

NAVIGATION PATH REPORTS	ZEMLOG REPORTS
SHORTCUT KEY	FUNCTION KEY : F7

This form is used to View ZEMLOG Report and event Report for selected date and time range for the specified ZEMLOG. Select the ZEMLOG Report option of the ZEMLOG Report Form. Select the ZEMLOG and select the date and time range for which the report has to be displayed and click on the Report button of the ZEMLOG report form. Select the Alarm Report option of the ZEMLOG Report Form. Select the ZEMLOG and select the date and time range for which alarm report has to be displayed and click on the Report button of the ZEMLOG report form.

NOTE:

ZEMLOG Alarm Report Values are calculated as per the specified limits for selected ZEMLOG in the ZEMLOG Settings Form.



ZEMSCAN REPORT:

NAVIGATION PATH REPORTS	ZEMSCAN REPORT
SHORTCUT KEY	FUNCTION KEY : F9

This form is used to View ZemScan Report for selected date and time range for the specified ZemScan. Select the ZemScan and select the date and time range for which the report has to be displayed and click on the Report button of the ZemScan report form.



The screenshot shows a window titled "Scanner Report" with a sub-header "ZemScan Report". Inside the window, there are two radio buttons: "ZemScanReport" (selected) and "EventReport". Below these, there are three input fields: "ZemScan Name:" with a dropdown menu showing "ABCD1", "From Date :" with a date/time picker showing "08/08/2014 17:25", and "To Date :" with a date/time picker showing "09/08/2014 17:25". At the bottom, there are two buttons: "Report" (with a bar chart icon) and "Exit" (with a red X icon).

AUDIT REPORT:

This form is used to View Audit Report for selected date range for the software.

NAVIGATION PATH REPORTS	AUDIT REPORT
SHORTCUT KEY	COMBINATION KEY : ALT + I

AuditReport

☐ Master Audit
 ☐ Login Audit

From Date : 08/08/2014

To Date : 09/08/2014

AUDIT REPORT:

Report

SAP CRYSTAL REPORTS®

Main Report

ABCD
PQRS, ASDF
Audit Report

FromDate : 08/08/2014
 To Date : 09/08/2014

PrintDate & Time : 09/08/2014 & 5:26 pm
 CurrentUser : Admin

Date	Time	Form Name	Action Performed	OldValue	New Value	User Name	Reason
09/08/2014	13:15:40	EquipmentMaster	Add		ZemLog	Admin	test
09/08/2014	13:15:40	EquipmentMaster	Add		microtonics	Admin	test
09/08/2014	13:15:40	EquipmentMaster	Add		ZemLog	Admin	test
09/08/2014	13:15:40	EquipmentMaster	Add		1	Admin	test
09/08/2014	13:24:04	ZemScanSetting	Add		2	Admin	test
09/08/2014	13:24:04	ZemScanSetting	Add		30	Admin	test
09/08/2014	13:24:04	ZemScanSetting	Add		25	Admin	test
09/08/2014	13:24:04	ZemScanSetting	Add		qc	Admin	test
09/08/2014	13:24:04	ZemScanSetting	Add		1	Admin	test
09/08/2014	13:24:04	ZemScanSetting	Add	False	True	Admin	test
09/08/2014	13:24:04	ZemScanSetting	Add		STABILITY	Admin	test
09/08/2014	13:24:04	ZemScanSetting	Add		1/abcd	Admin	test
09/08/2014	13:24:04	ZemScanSetting	Add		3	Admin	test
09/08/2014	13:34:08	ZemScanSetting	Add		Zemscan	Admin	test
09/08/2014	13:34:08	ZemScanSetting	Add		TEMPERATURE	Admin	test
09/08/2014	13:34:08	ZemScanSetting	Add		1	Admin	test

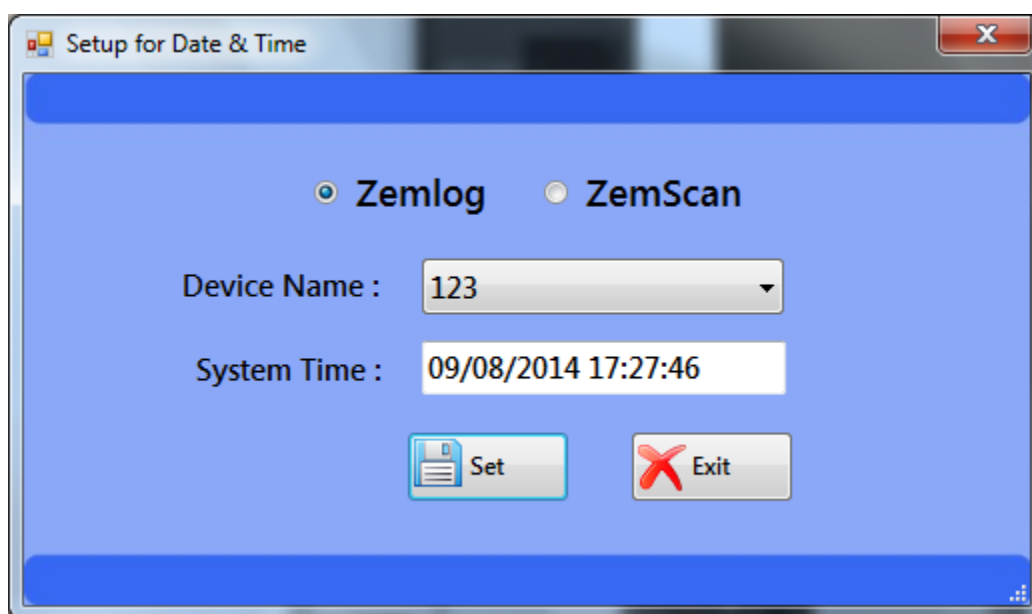
Current Page No.: 1 Total Page No.: 2 Zoom Factor: 100%

UTILITIES MENU:

TIME SYNCHRONIZATION:

This form is used to synchronize date and time of connected ZEMLOG and ZemScan time with reference to PC date and time

NAVIGATION PATH UTILITIES	TIME SYNCHRONIZATION
SHORTCUT KEY	COMBINATION KEY : CTRL + H



Click the Set button in front of ZEMLOG Time Synchronization to Synchronize date and time with respect to the system date and time of connected ZEMLOG Units. Click the Set button in front of ZemScan Time Synchronization to Synchronize date and time with respect to the system date and time of connected ZemScan Units.

DELETE MEMORY:

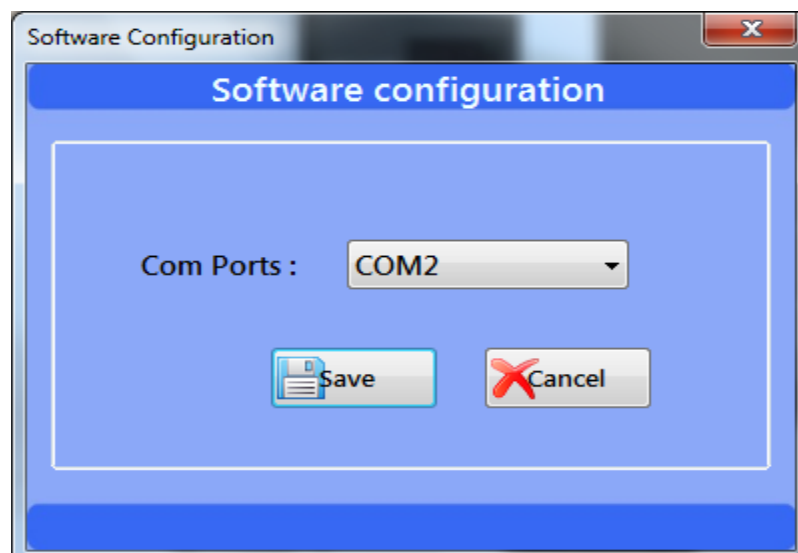
Select the appropriate zemlog or zemscan then press delete memory button to delete all the memory form the device.



CONFIGURATION SETTINGS:

NAVIGATION PATH UTILITIES	CONFIGURATION SETTINGS
SHORTCUT KEY	COMBINATION ALT + F8

This form is displayed at the software startup for the first time when the software is started for very first time. This is the Software Configuration settings form where the user is selecting the Com Port which will be used for communication between the Printer/PC interface unit and the PC.

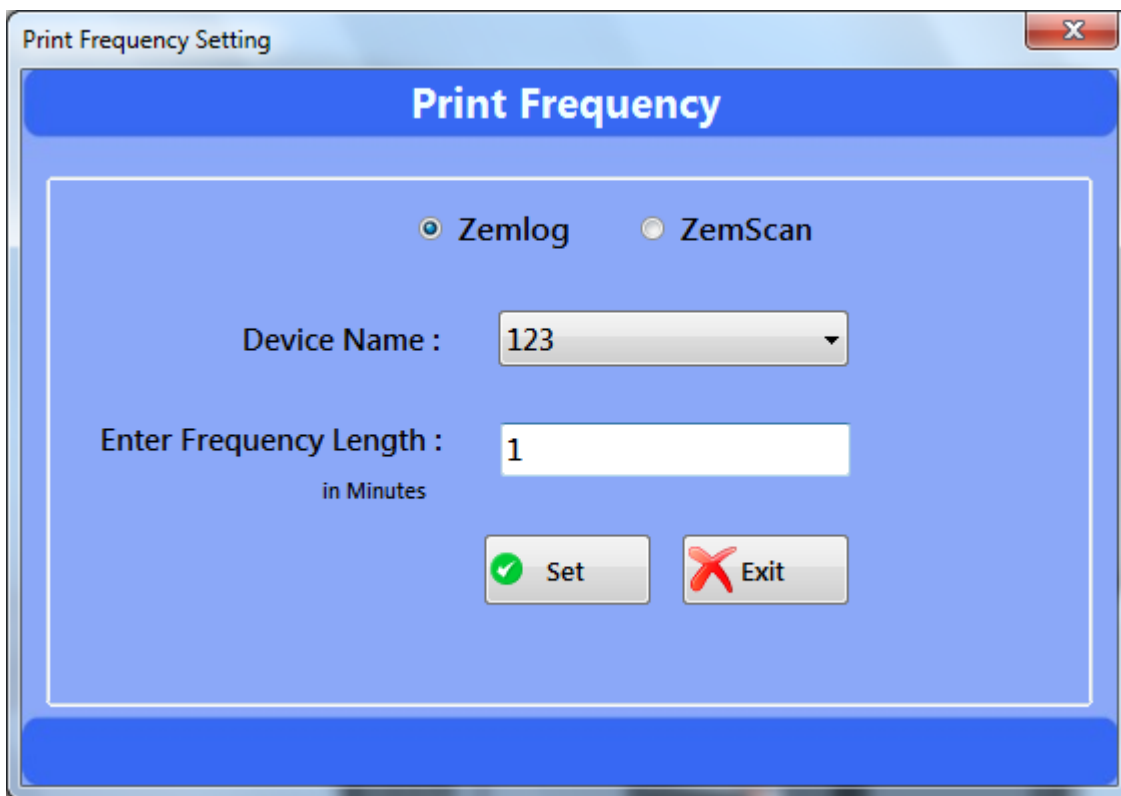


To check the Software Configuration Settings open the Software Configuration form by navigating menu Utilities □ Software Configuration or by accessing the shortcut Key, i.e. combination Alt + F8. It will ask to enter the password through the security form type the Password and click Ok to enter Software Configuration. Select the Com Port through which the communication between Printer/Pc Interface Unit and PC will be done. Save settings by clicking on the 'Save' button of the Software Configuration form.

PRINT FREQUENCY:

NAVIGATION PATH UTILITIES	PRINT FREQUENCY
SHORTCUT KEY	COMBINATION KEY : CTRL + F

This form is used to Change Print Frequency of selected ZEMLOG or ZemScan from the PC.



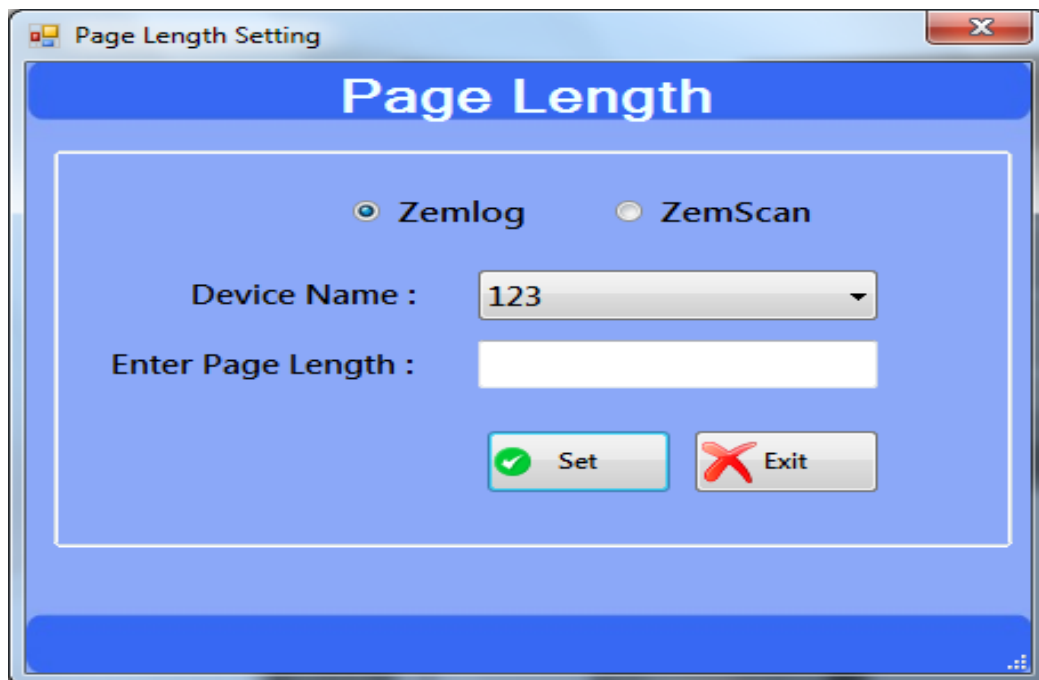
The image shows a Windows-style dialog box titled "Print Frequency Setting". Inside, there's a blue header bar with the text "Print Frequency". Below this, there are two radio buttons: "Zemlog" (which is selected) and "ZemScan". Under the "Zemlog" option, there's a "Device Name" label followed by a dropdown menu showing "123". Below that, there's a label "Enter Frequency Length :" followed by a text input field containing the number "1", and the text "in Minutes" below the input field. At the bottom, there are two buttons: "Set" (with a green checkmark icon) and "Exit" (with a red X icon).

Select the ZEMLOG option and select the corresponding ZEMLOG, Edit the Print Frequency by providing reasoning for alteration. Click the Set button while the ZEMLOG option still selected to set the print frequency for selected ZEMLOG. Select the ZemScan option and select the corresponding ZemScan, Edit the Print Frequency by providing reasoning for alteration. Click the Set button while the ZemScan option still selected to set the print frequency for selected ZemScan.

PAGE LENGTH:

NAVIGATION PATH UTILITIES	PAGE LENGTH
SHORTCUT KEY	COMBINATION KEY : CTRL + G

This form is used to Change Page Length of selected ZEMLOG or ZemScan from the PC.



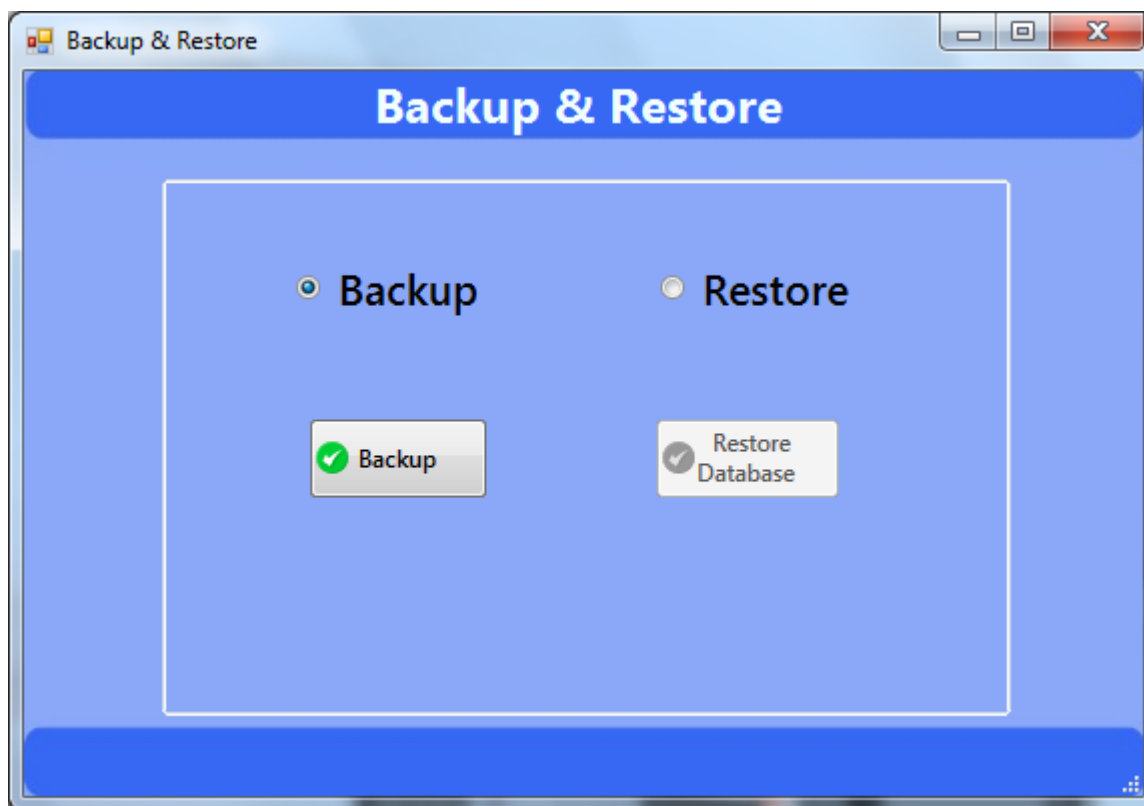
Select the ZEMLOG option and select the corresponding ZEMLOG, Edit the Page Length by providing reasoning for alteration. Click the Set button while the ZEMLOG option still selected to set the Page Length for selected ZEMLOG. Select the ZemScan option and select the corresponding ZemScan, Edit the Page Length by providing reasoning for alteration. Click the Set button while the ZemScan option still selected to set the Page Length for selected ZemScan.

DATA MAINTENANCE UTILITIES:

BACKUP DATA UTILITY:

NAVIGATION PATH	DATA MAINTENANCE UTILITIES BACKUP DATA UTILITY
SHORTCUT KEY	FUNCTION KEY : F10

This form is used to take the software data backup for the security of data. All the backup of data will be taken whenever Backup Data Utility is used for taking the Backup.



- Create a folder on your hard drive, before taking the backup. (It is required only when you are taking data backup for the first time.)
- Select the last created folder and press the OK Button.
- It will take some time to complete the backup process. After Backup process completion, one new folder will be created with Prefix.

RESTORE REPORT

RESTORED DATA REPORTS:

NAVIGATION PATH	RESTORED DATA REPORTS	RESTORED ZEMLOG REPORTS
SHORTCUT KEY		FUNCTION KEY : F11

Report

SAP CRYSTAL REPORTS

Main Report

ABCD PQRS,ASDF

Equipment Name: Zem Log	Temp CH1 Limit : 30 °C ± 2 °C
Equipment Make: microtonics	Temp CH2 Limits : 25 °C ± 3 °C
Equipment ID : 123	
From Date : 09/08/2014 Time:00:46	Prepared By : Admin
To Date : 09/08/2014 Time:17:46	Print Date & Time: 09/08/2014 & 5:46 pm

Date	Time	Ch-1 Temperature in °C		Ch-2 Temperature in °C		Remarks
		SV	PV	SV	PV	
09/08/2014	13:41	40.0	-2.4 #	0.0	0.0 #	MEM DEL
09/08/2014	13:42	40.0	-2.4 #	0.0	0.0 #	MEM DEL
09/08/2014	13:43	40.0	-2.4 #	0.0	0.0 #	
09/08/2014	13:44	40.0	-2.4 #	0.0	0.0 #	
09/08/2014	13:45	40.0	-2.4 #	0.0	0.0 #	
09/08/2014	13:46	40.0	-2.4 #	0.0	0.0 #	
09/08/2014	13:47	40.0	-2.4 #	0.0	0.0 #	
09/08/2014	13:48	40.0	-2.4 #	0.0	0.0 #	
09/08/2014	13:49	40.0	-2.4 #	0.0	0.0 #	

CH-1 Temperature

Minimum	Maximum	Average
-2.4	-2.4	-2.4

* for High

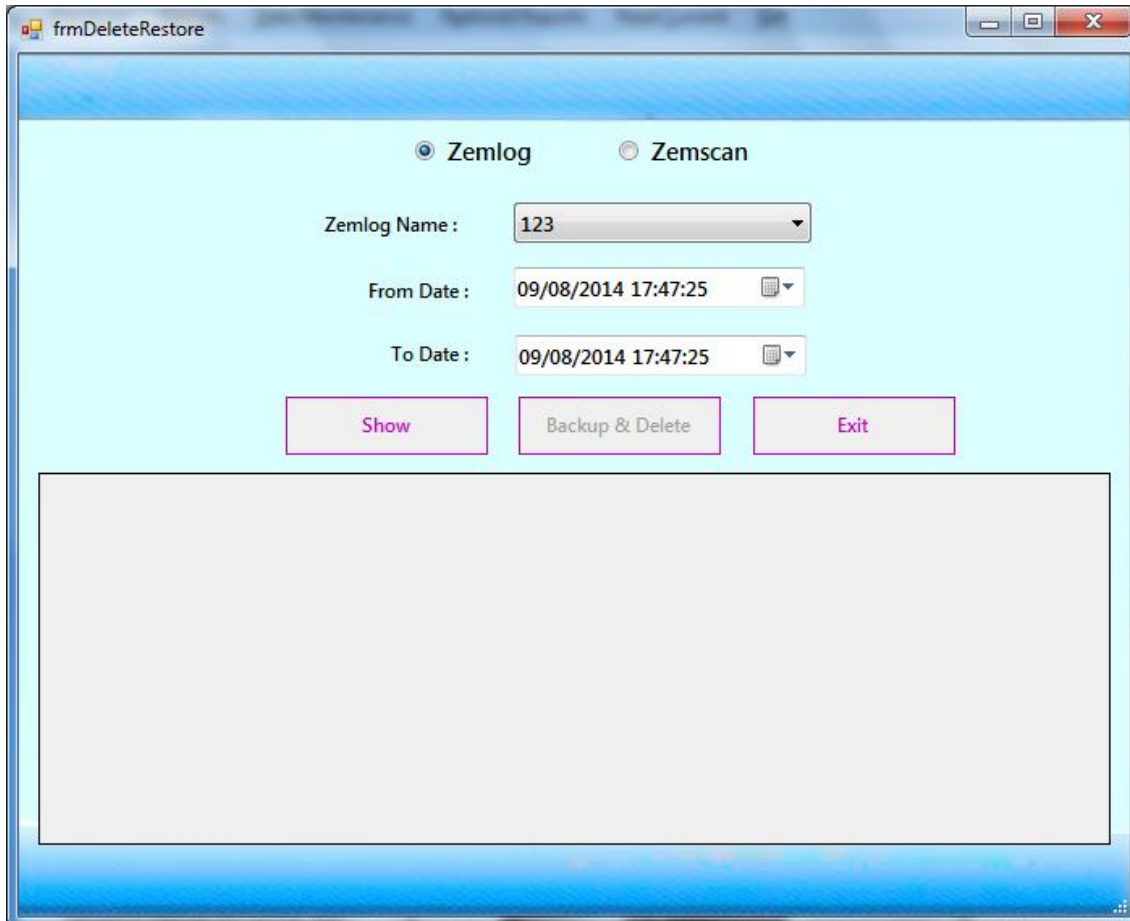
CH-2 Temperature

#for Low

Minimum	Maximum	Average
0.0	0.0	0.0

Current Page No.: 1 Total Page No.: 1 Zoom Factor: 100%

BACKUP AND DELETE:

The screenshot shows a Windows-style application window titled 'frmDeleteRestore'. It has a light blue header bar and a light blue main area. At the top, there are two radio buttons: 'Zemlog' (selected) and 'Zemscan'. Below them, there are three input fields: 'Zemlog Name : 123', 'From Date : 09/08/2014 17:47:25', and 'To Date : 09/08/2014 17:47:25'. Each date field has a small calendar icon to its right. Below the input fields are three buttons: 'Show', 'Backup & Delete', and 'Exit'. At the bottom of the window is a large, empty rectangular area, likely for displaying data or messages.

This form is designed for taking backup and deletes record from the data base. First of all choose zemlog or zemscan and give corresponding from date and to date then press the show button. if it shows the record then backup button will be activated else it will be show a message that "there is no data in this filter".

RESTORED ZEMLOG REPORTS:

This form is used to view restored ZEMLOG reports and Alarm Reports of corresponding ZEMLOG.

Logger Report

Zemlog Report

☒ LoggerReport ☐ EventReport

Zemlog Name :

From Date :

To Date :

Select the ZEMLOG and select the date and time range for which the restored ZEMLOG Report has to be displayed and click on the Report button of the Restored ZEMLOG report form

Report

SAP CRYSTAL REPORTS *

Main Report

ABCD
PQRS, ASDF

Equipment Name: Zem Log Temp CH1. Limit : 30 °C ± 2 °C
 Equipment Make: microtonics Temp CH2. Limits : 25 °C ± 3 °C
 Equipment ID : 123

From Date : 08/08/2014 Time :17:51 Prepared By : Admin
 To Date : 09/08/2014 Time :17:51 Print Date & Time: 09/08/2014 & 5:51 pm

Date	Time	Ch-1 Temperature in °C		Ch-2 Temperature in °C		Remarks
		SV	PV	SV	PV	
09/08/2014	13:41	40.0	-2.4 #	0.0	0.0 #	MEMDEL
09/08/2014	13:42	40.0	-2.4 #	0.0	0.0 #	MEMDEL
09/08/2014	13:43	40.0	-2.4 #	0.0	0.0 #	
09/08/2014	13:44	40.0	-2.4 #	0.0	0.0 #	
09/08/2014	13:45	40.0	-2.4 #	0.0	0.0 #	
09/08/2014	13:46	40.0	-2.4 #	0.0	0.0 #	
09/08/2014	13:47	40.0	-2.4 #	0.0	0.0 #	
09/08/2014	13:48	40.0	-2.4 #	0.0	0.0 #	
09/08/2014	13:49	40.0	-2.4 #	0.0	0.0 #	

CH-1 Temperature

Minimum	Maximum	Average
-2.4	-2.4	-2.4

* for High

CH-2 Temperature

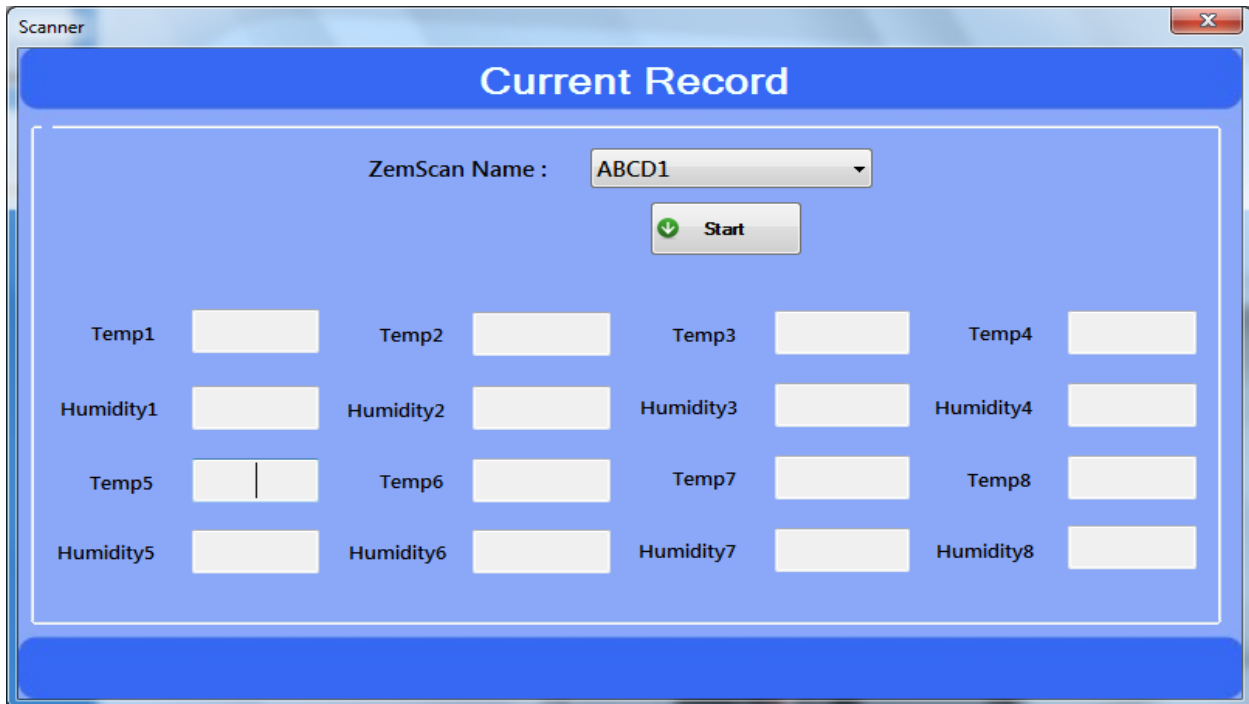
Minimum	Maximum	Average
0.0	0.0	0.0

for Low

Current Page No.: 1 Total Page No.: 1 Zoom Factor: 100%

NOTE:

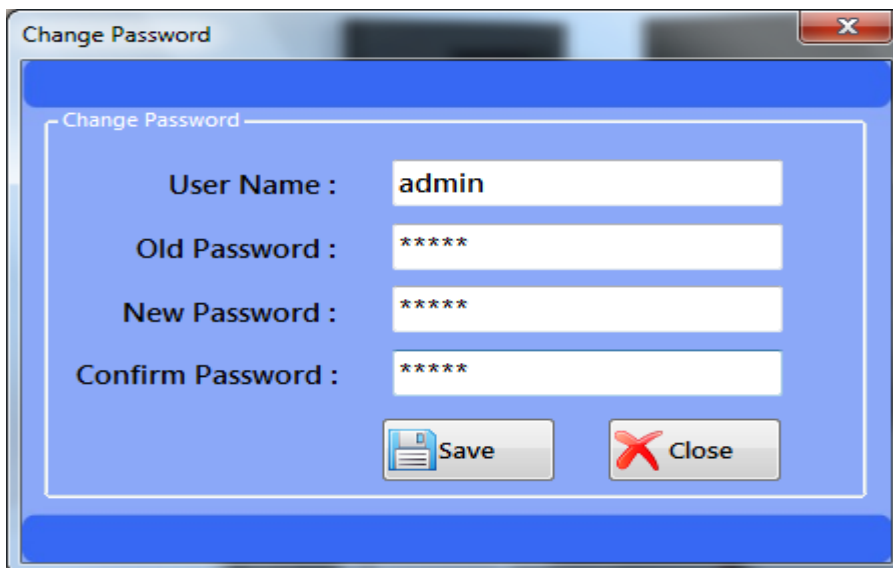
In the restored zemlog report only the data which has been restored will be displayed.

ZEMSCAN CURRENT RECORD:

The 'Scanner' window displays the 'Current Record' section. It features a dropdown menu for 'ZemScan Name' with 'ABCD1' selected. Below this is a 'Start' button with a green checkmark icon. The main area contains eight pairs of labels and input fields arranged in a 4x2 grid: Temp1, Temp2, Temp3, Temp4, Humidity1, Humidity2, Humidity3, Humidity4, Temp5, Temp6, Temp7, Temp8, Humidity5, Humidity6, Humidity7, and Humidity8. Each label is followed by an empty input field.

DISCRIPTION:

First select the zemscan from the combo box then press get record button it will show all the channel readings.

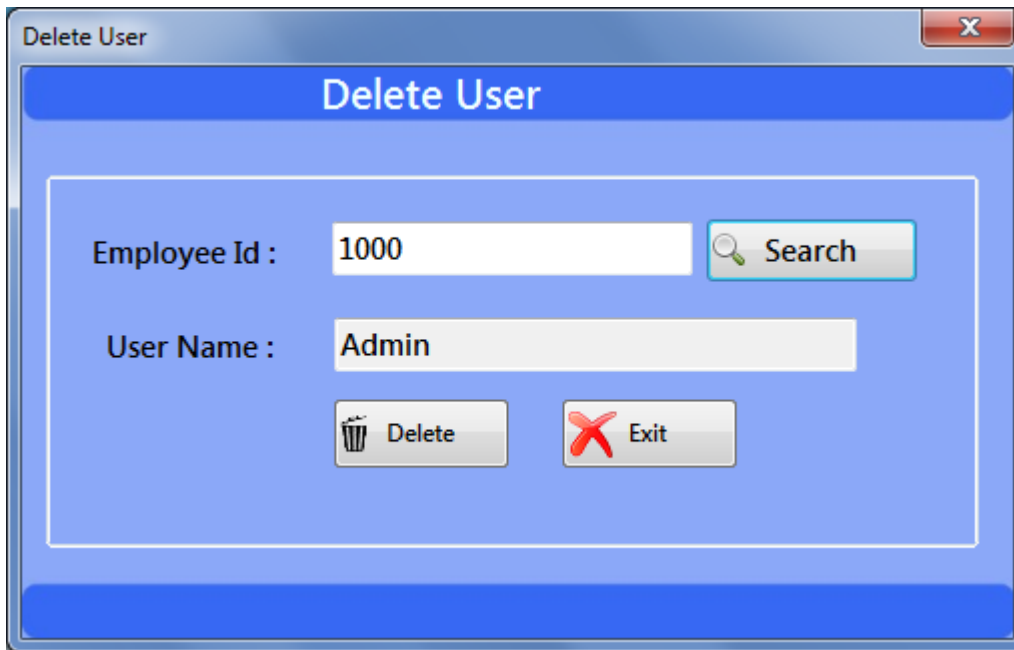
CHANGE PASSWORD:

The 'Change Password' window contains four input fields: 'User Name' (with 'admin' entered), 'Old Password', 'New Password', and 'Confirm Password' (all with '*****' entered). At the bottom are two buttons: 'Save' with a floppy disk icon and 'Close' with a red 'X' icon.

This form is used for change password for the different user. User must give the appropriate user name,old password,new password and conform password then press save button.

DELETE USER:

First enter employee id in the text box and press search button to find the user name.if it displayed the user name then delete button will be activated. If user delete the record then it will be deleted from the data base. This operation is only for admin.

A screenshot of a web application window titled 'Delete User'. The window has a blue header bar with the title 'Delete User' and a close button (X) in the top right corner. Below the header, there is a light blue background area containing a white-bordered box. Inside this box, there are two input fields: 'Employee Id : 1000' and 'User Name : Admin'. To the right of the 'Employee Id' field is a 'Search' button with a magnifying glass icon. Below the 'User Name' field are two buttons: 'Delete' with a trash can icon and 'Exit' with a red X icon. The window has a standard Windows-style border with a title bar and a close button.