enviLOG Pro

Software User Manual

Version: 1.0.0.5

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INTRODUCTION

EnviLOG (Portable data Logger) is useful product for monitoring/Logging temperature and humidity data. Live data can be analyzing and monitor continuously.

This device can be used in following applications:

1. Pharma labs to monitor Temperature and humidity.
2. Transit to monitor temperature and humidity.
3. Can be used in residential and in commercial area to map or monitor temperature and humidity.
4. Data servers were temperature and humidity parameter are monitored.

SOFTWARE FUNCTIONALITY

Note:-

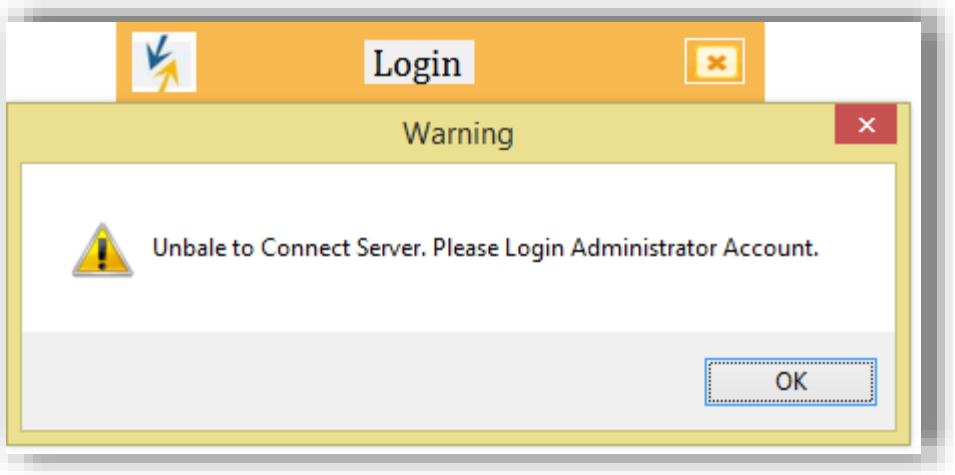
When you have install the application we need to give access to that folder which is located in C:\Program Files (x86) where Enviro folder will automatically get created.

When you have read the data once and want to read again you need to exit from the application.

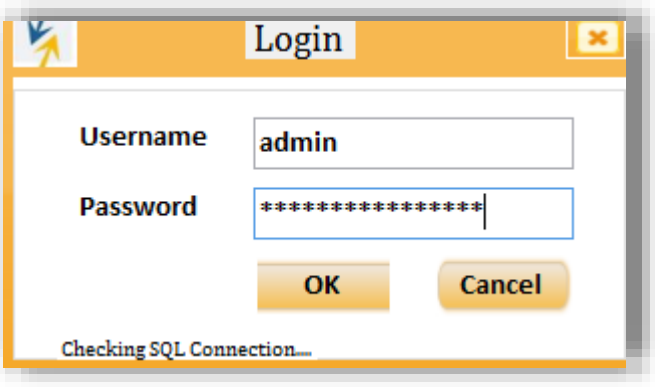
LOGIN PAGE

Front-end Database Connection:

When user first time login from the portal user will get following pop-up message

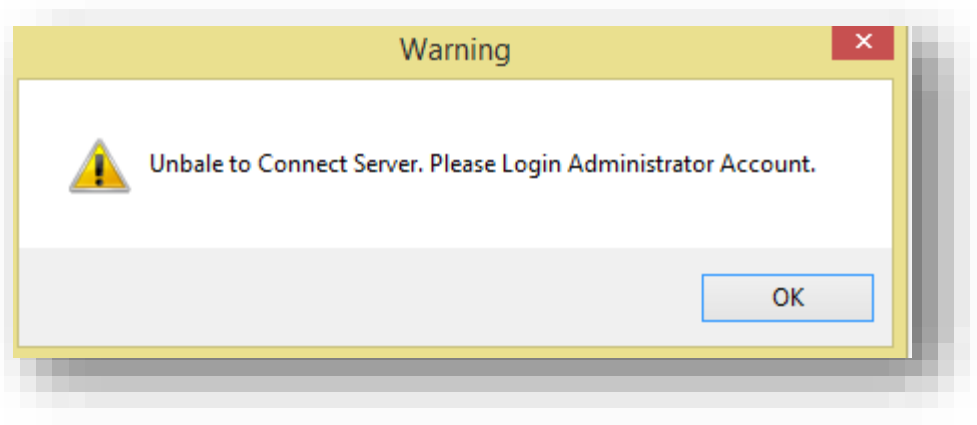


First time login user have to Enter current date in DDMMYY format & continue with same password
Example: **150222enviro@123**
Click on ok



User will show following message for checking SQL connection

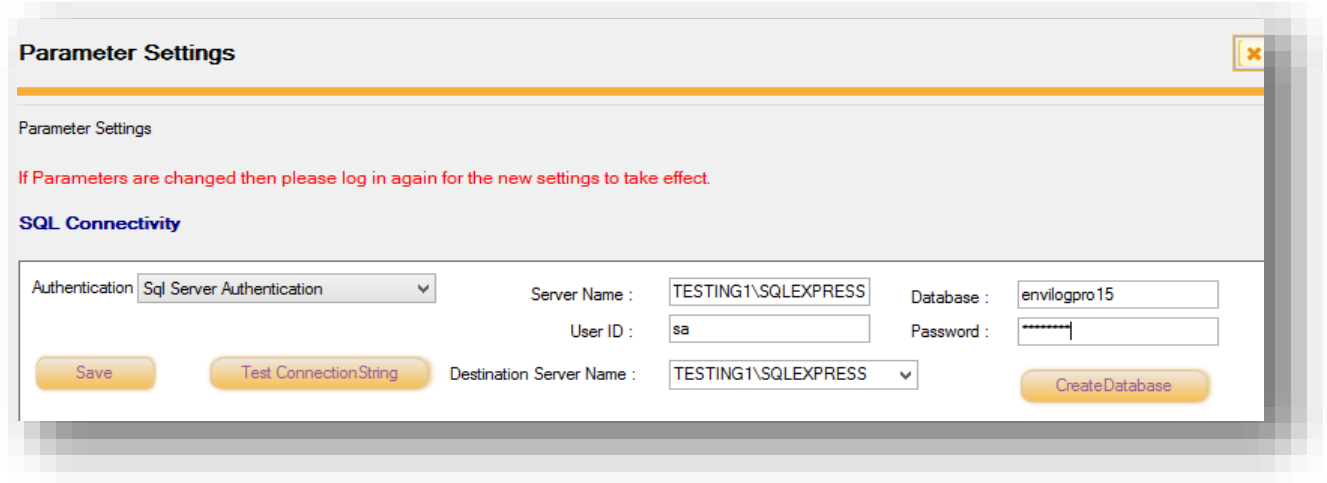
If password is not perfect then it will show following pop-up message



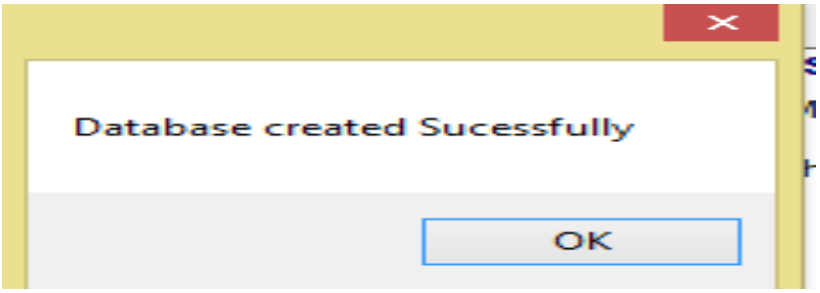
After entering password open the following window of parameter settings

Parameter Settings: User will do database setting from front end using this settings

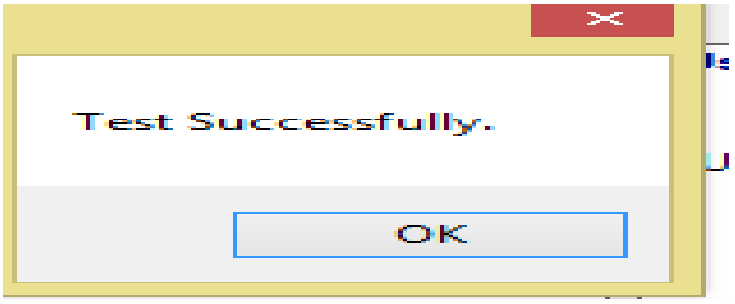
For frontend SQL connection user have to Enter SQL server name on destination server name
Enter database name
Click on create database



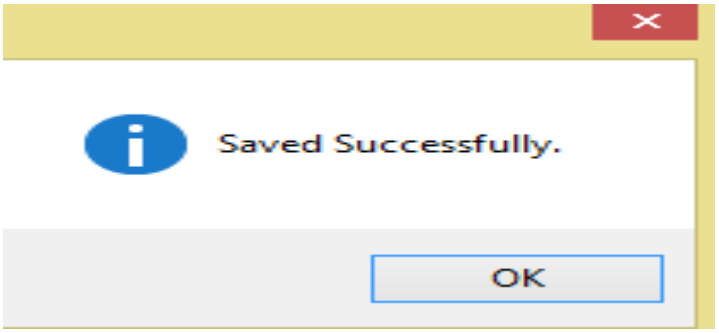
After click on create database user will show database create successfully message.



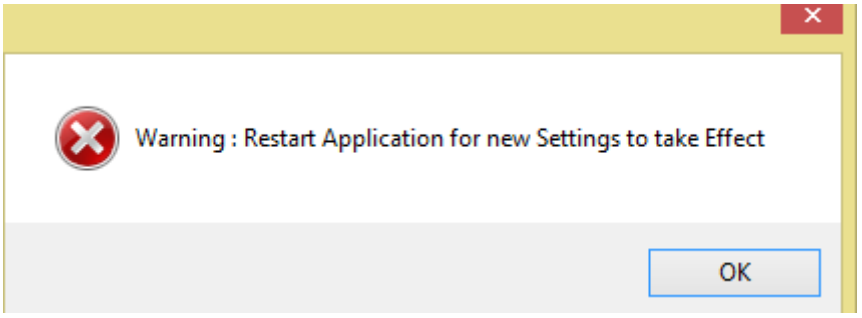
Click on Test connection string user will get below message



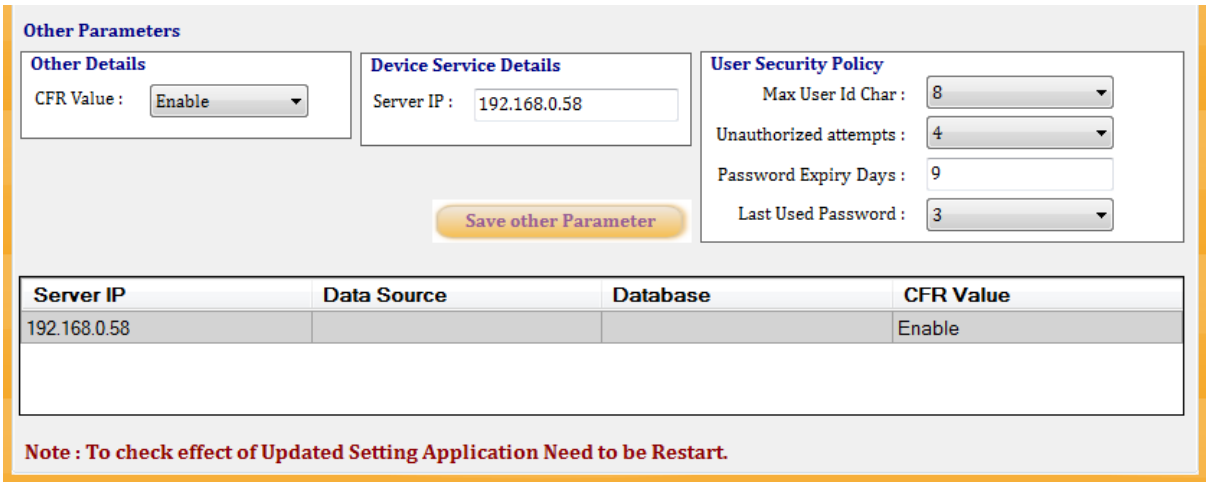
Click on save button for saving existing user information will get below message.

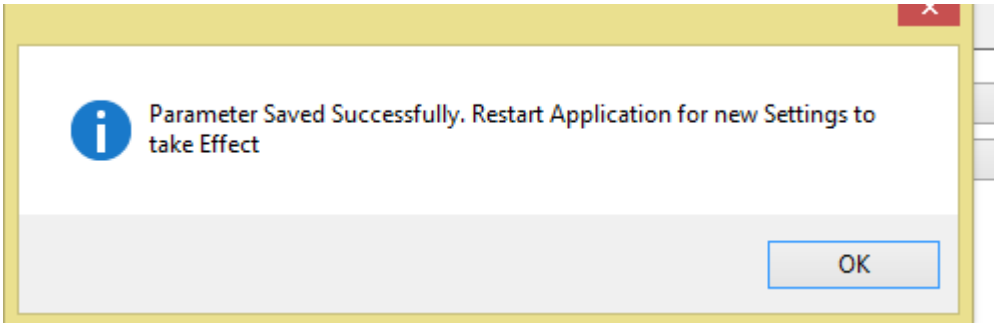


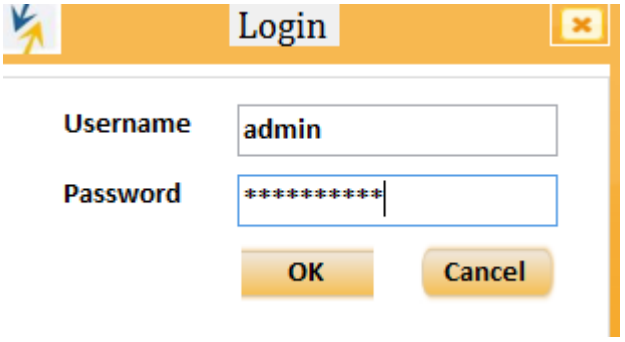
This below message for Restart the application.
Click on ok



Device service Details: Enter users system IP in server IP 192.168.0.00
Other Details: CFR value always should be Enable.
User security policy:
Max user id – set user id character for adding user.
Example: if you select 8 character for user id, user id should be 8 character if you crossing limits it will show error.
Unauthorized attempts – select unauthorized attempts number.
Example: if you select 3 attempts …after 3 attempts of wrong password user id will lock.







Open enviLOG Pro Shortcut on desktop and enter username and password.

Username: admin

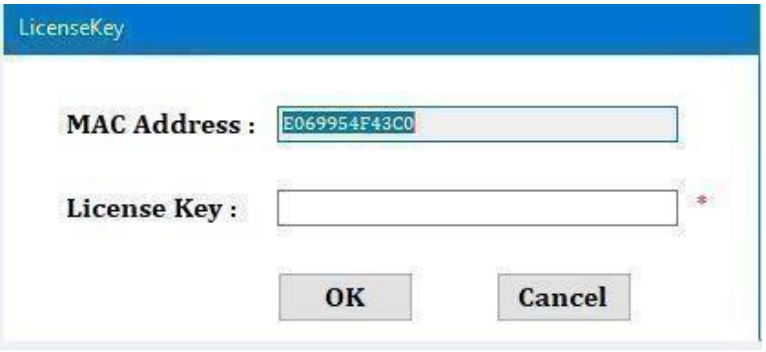
Password: (As given by Enviro technology)

Login
Username
admin
Password
****
OK
Cancel

LICENSE KEY

When we open the enviLOG Pro Shortcut on desktop and enter username and password it asks for license key where a license key form will get open and it will display your system MAC address that needs to be mail to supports email-id and they will provide you the license key for that particular MAC address. As soon as you enter the license key the application will get login.

When we click on ok button then license key form appears and enter the license key and click on ok button it will open the home page.

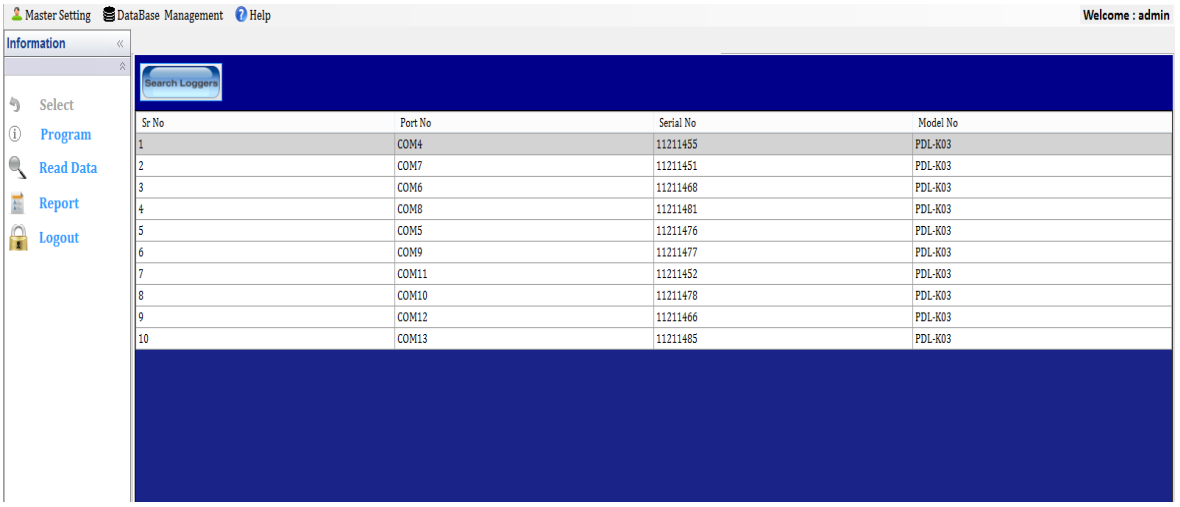


HOME PAGE

Once you login the application envi-LOG home page will be displayed.
The Home page will display all features as shown in below image.

SELECT

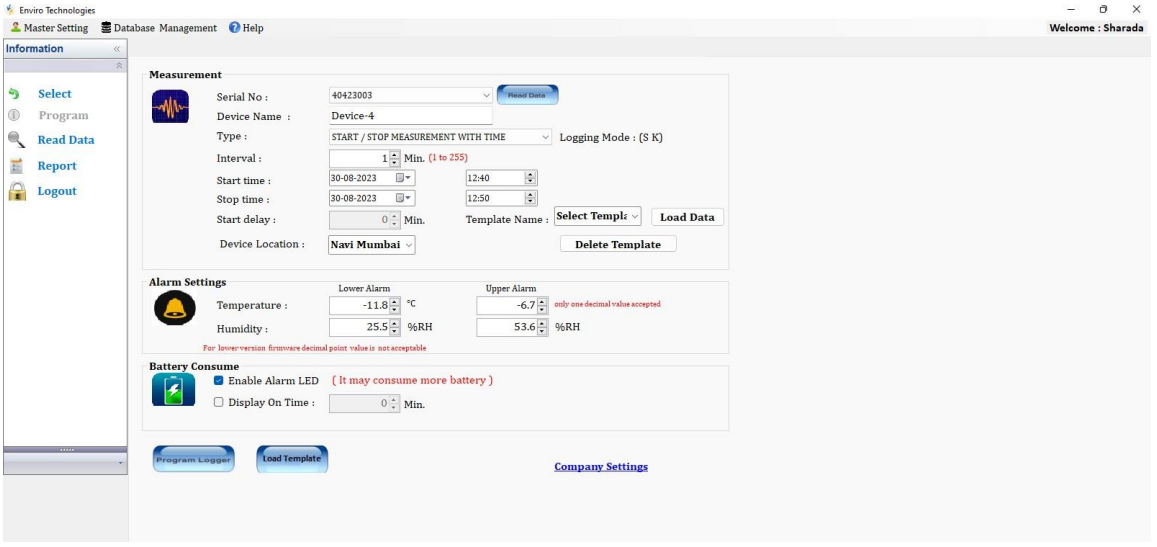
When we click on select page then it displays the details of devices that are connected. The information that will be displayed is Port No, Serial No and Device Name.
Same functionality works on when we click on search logger button in tabular format.



PROGRAM

User can do device setting from program form. User can do settings of measurement, alarm setting, battery optimization and check logger information.

User can configure Lower and Upper Alarm of Temperature and Humidity in decimal points (only one decimal value accepted) for accurate reading.



Device setting description is as follows -

1. MEASUREMENT

Device name: - user can set device name with maximum 8 characters only (not allows $ and #)

Type: - There are multi types of logging mode of envi LOG
Read data: - user can read from here particular device data.

1. **Measure upon start time (Logging Mode - S)**: - as per this device mode, device will start logging the data with start time. User can start the device asper given start time.
2. **Start Immediately until End of memory (Logging Mode - E)**: - In this mode device will start immediately after removing device from docket after successfully program the logger.
3. **Start/ Stop measurement with Time (Logging Mode – S K)**: - In this user can set the time span, i.e. user can set device start and stop time for logging the data.
4. **Start upon Key Press (Logging Mode - K)**: - In this mode device will start after "START" key press. After start key press 3 times device will start the logging of data.

Interval: - User can set the logging interval as per requirement. Maximum 255 min will be set.

Start time: - Start time will display on 'Measure upon start time' and 'Start/ Stop measurement with Time' mode, for setting the start time for logger.

Stop time: - Stop time will display on 'Start/ Stop measurement with Time' mode,for setting the stop time for logger.

Start delay: - Start delay will be visible when device will configure for 'Start upon Key Press' mode. Start delay means after key press device will start the logging after delay time.

Template Name: - A device's template and configurations can be saved by the user, and when the user clicks on the Load Template button, the previously saved configuration of the old device is imported into new device.

Delete Template: - From the template dropdown, users can remove unwanted templates.

Device Location: - User has the option to select the device's location.

Temperature alarm limit setting: - User can set alarm limit for temperature 30°C to +70°C.

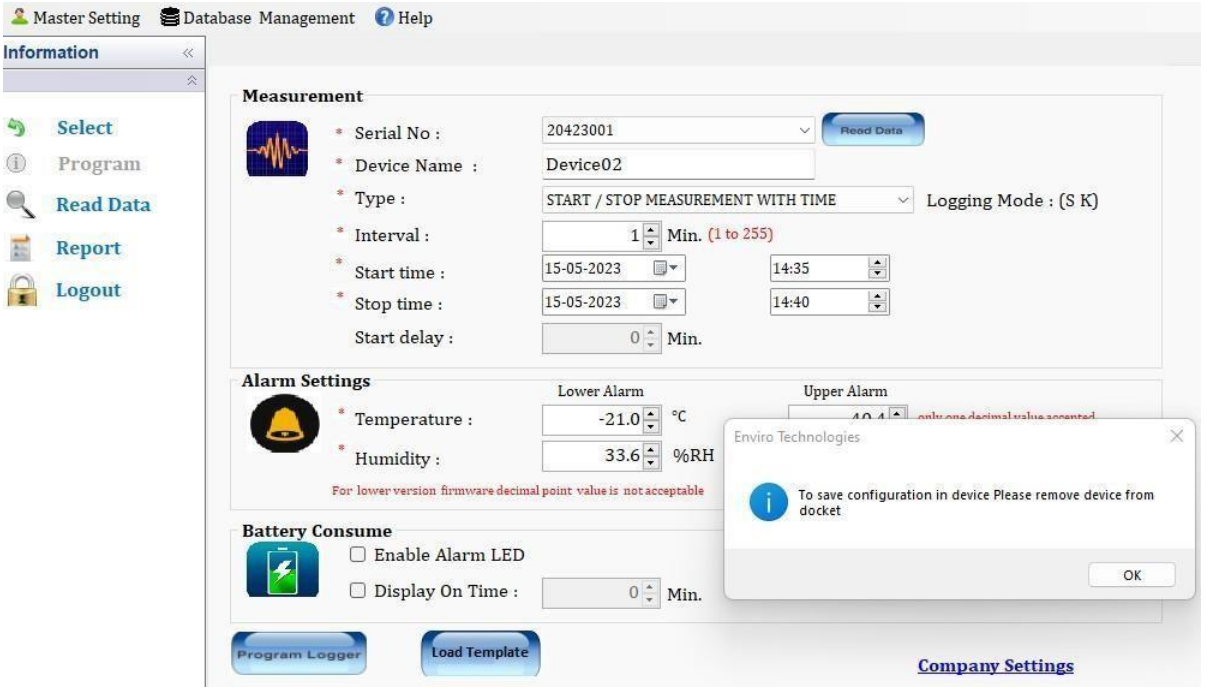
Humidity alarm limit setting: - User can set alarm limit for humidity 0 %RH to 100%RH.

2. ALARM SETTING

If user will check the ‘Enable alarm LED’ option then on device “AL” LED will glowing if alarms occur on device.

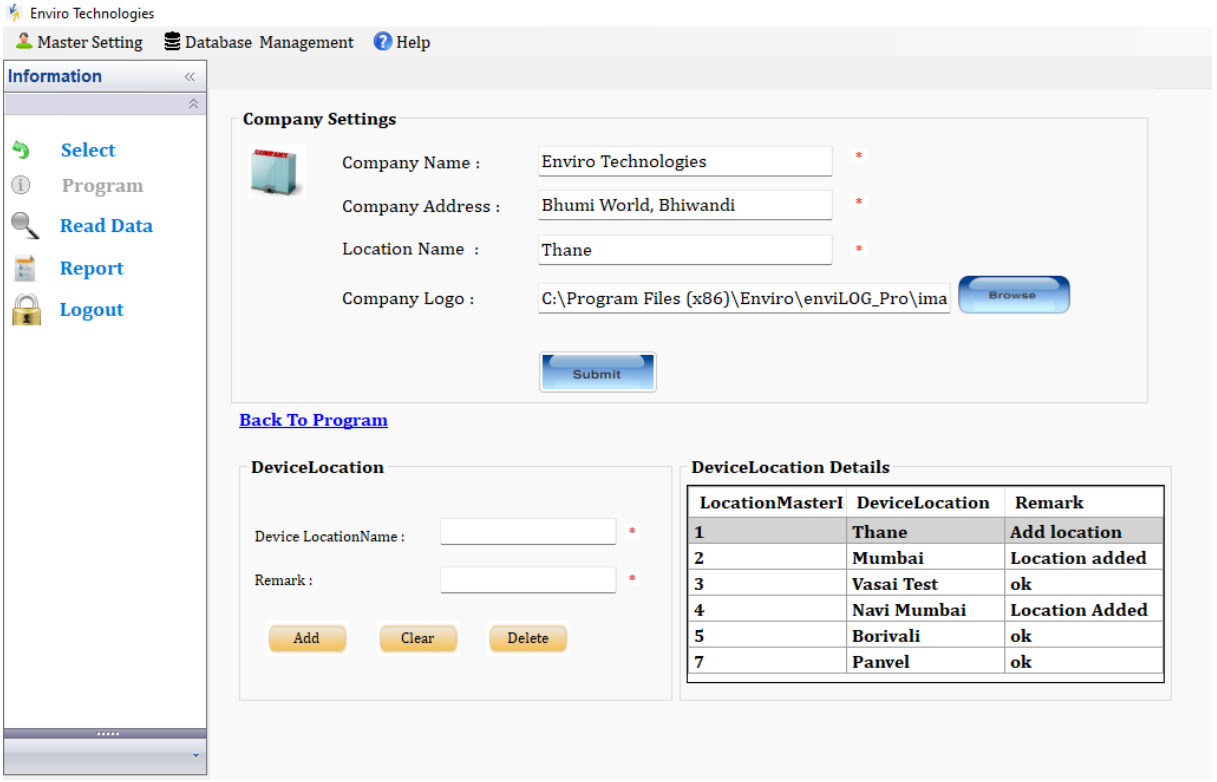
User can set temperature as a lower alarm and upper alarm. If temperature is goes below and above of set temperature then “AL” LED will glow.

After successfully configuration user need to remove device from docket. Device store setting after removing it from docket and device detach from PC detect mode. After that only device will start the logging of data.



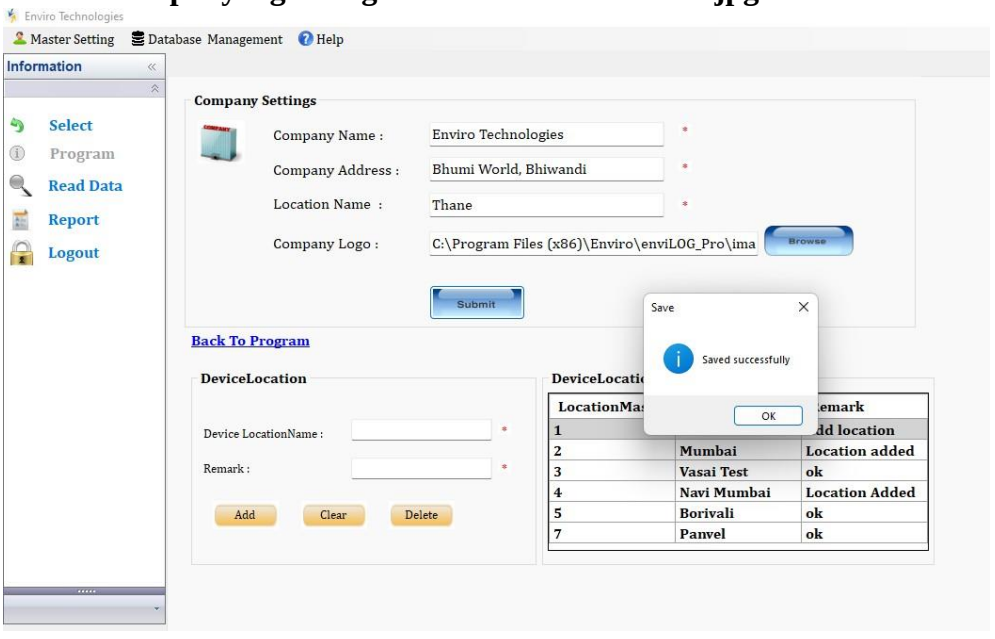
COMPANY SETTING

Company setting is used for setting the company details like Company Name, Company Address, Location Name and Company Logo**. User need to set Company Logo by clicking on browse button.**

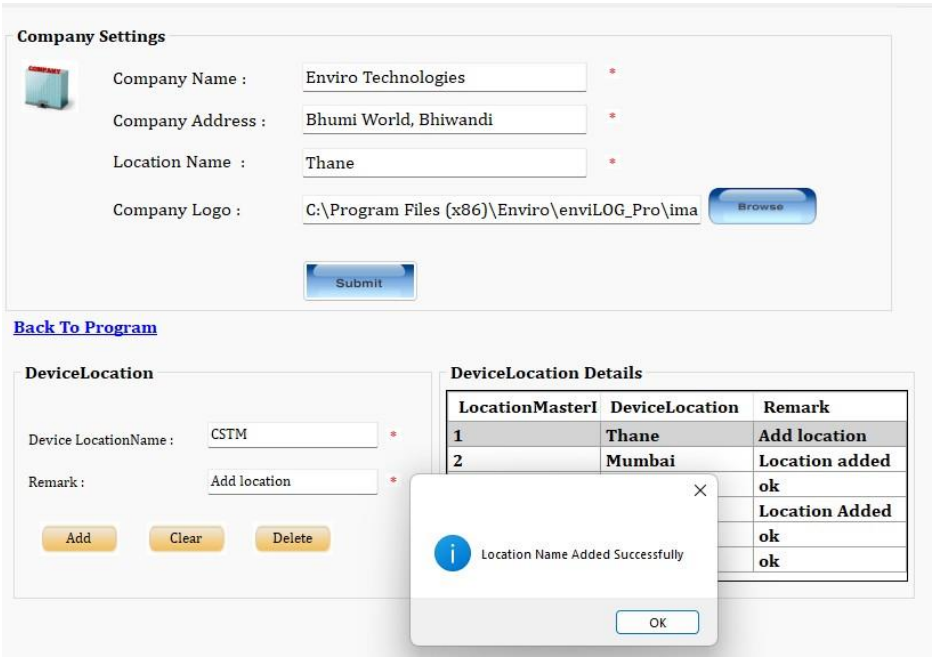


After entering company details, user need to click on submit and then click on Ok button to proceed.

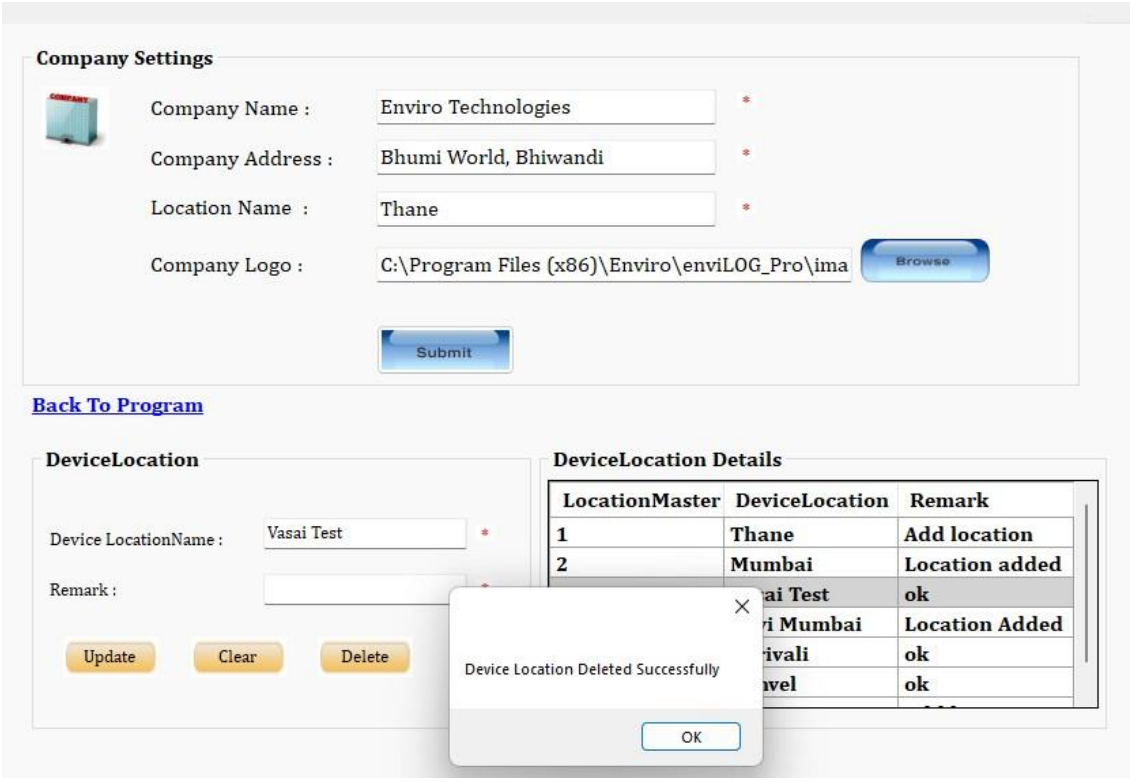
Note: Company logo image extension should be of .jpg format.



From the company settings, the user can add the device's location. The grid with device location details will show the recently added device location.



By choosing the place from the grid that he wants to delete and clicking the delete button, the user can also delete a location.



READ DATA

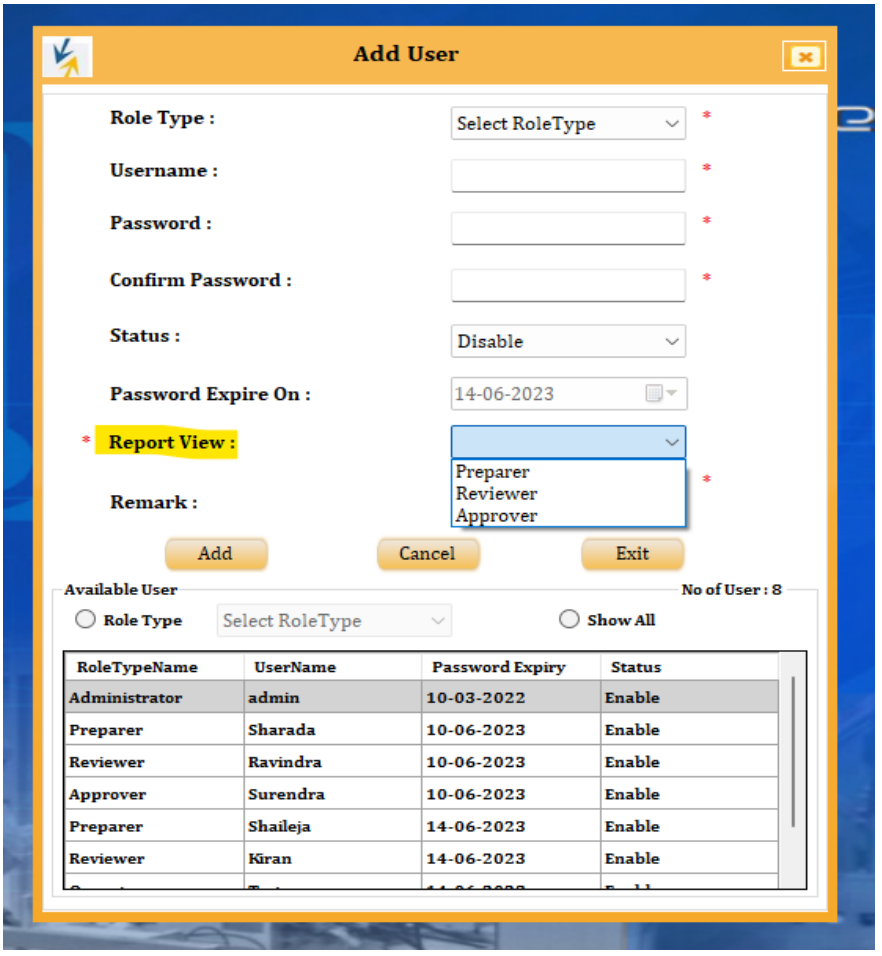
User will download the envi-LOG device data from read data tab. User need to connect device to docket and click on Read Data button. Once you click on Read Data button then all the labels will be disable and as soon as data will be downloaded all the labels will be enable.

Wait until the data has been download for all connected device and once data has been downloaded it will display message as **All Device Data Downloaded Successfully**.

Master Setting
DataBase Management
Help
Welcome : admin
Information
Select
Program
Read Data
Report
Logout
enviro
technologies
Message
All Device Data Downloaded Successfully
OK
LOG
Read Data

REPORT

I= In report section, based on role type **Report View** access is assigned to the user.
Report View consist of three types: Preparer, Reviewer & Approver.
Select Master Setting > Add User.

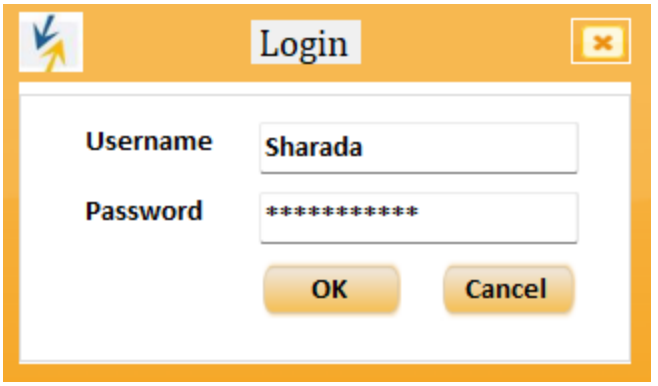


In the above image, three user with different role has being created.
For e.g. Preparer Role > Sharada, Reviewer Role > Ravindra, & Approval Role > Surendra.

1. Preparer User:

- Here user will generate report and align for review to reviewer.
- User need to login with preparer credentials created by admin.
- Login with preparer credentials, e.g. Username: Sharada & Password: Enviro@1234

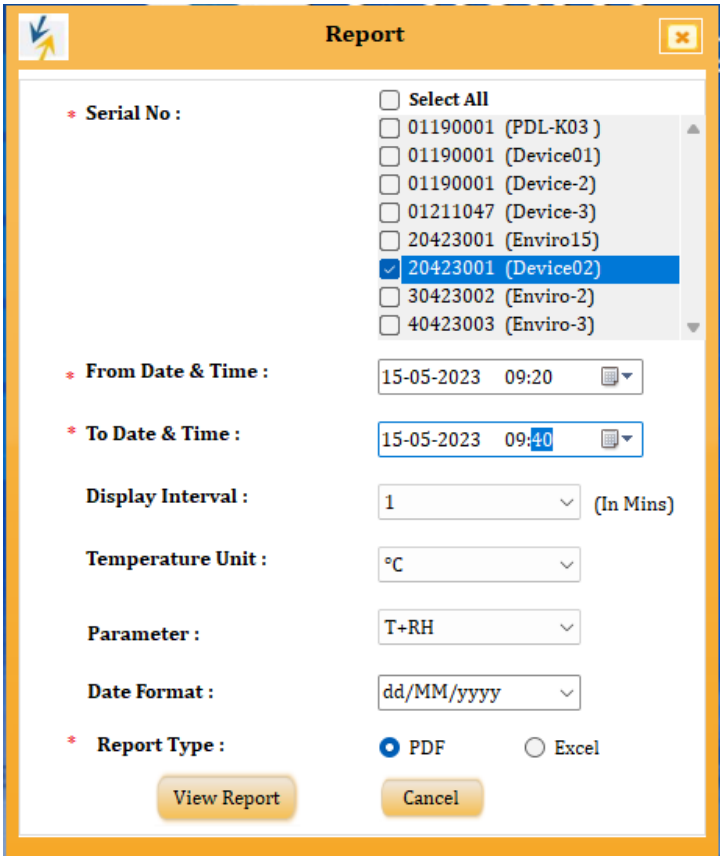
Below is the login page:



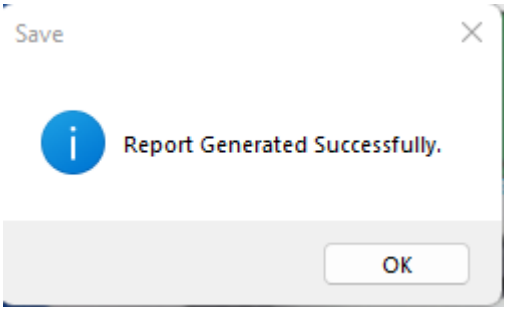
After login below page will be displayed, welcome [Preparer user name] will be displayed.

In report tab, user can generate report by selecting report option like: Graph wise report, Transaction wise report and Graph & transaction wise report (both).

- On click on Next button below Report form will be displayed. And entering the details like select Serial No., From Date & Time, To Date & Time, Display Interval, Temperature Unit, Date Format and Parameter.
- After filling all the details user should click on View Report button.

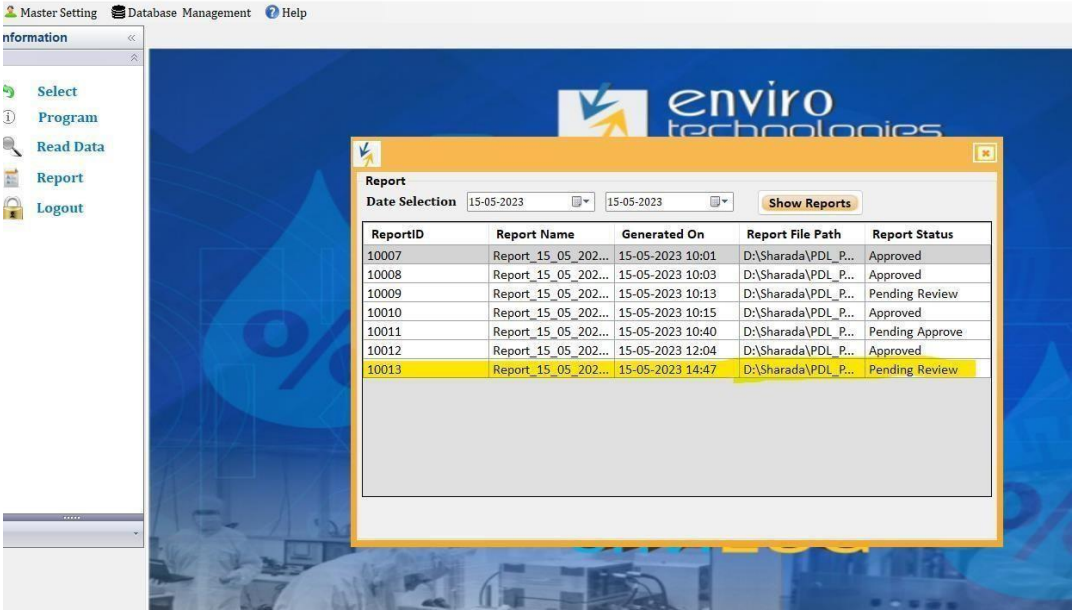


Report generated successfully popup message will be displayed.

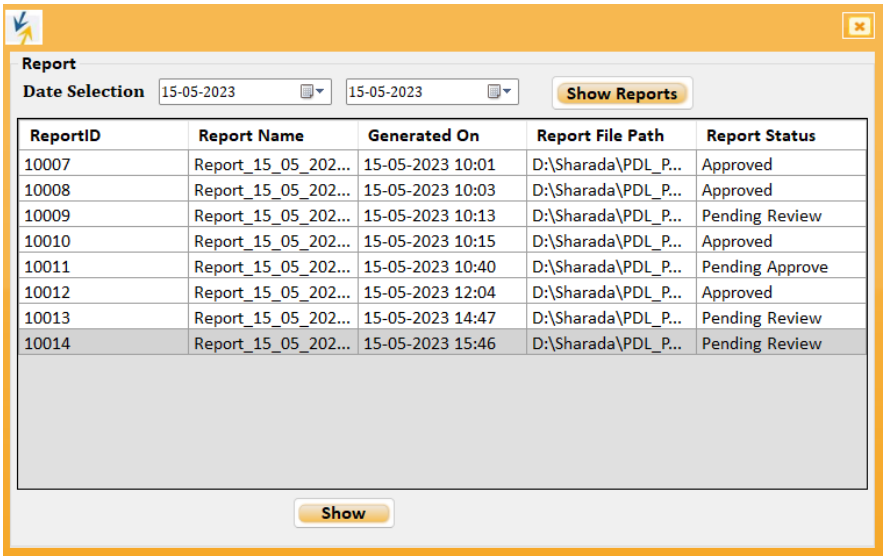


After report generation, click on Report tab > Select Report Option > Click on View Generated button.

Generated report details will be displayed in below grid as shown in highlighted section.
Report Status will be changed to Pending Review.



Click on any report, Show button will be displayed.



On click of show button, generated report will be displayed. Prepared By [Preparer username] will be displayed (highlighted in below image).

Enviro Technologies
Bhumi World, Bhiwandi
Thane
Graph & Transaction Report

From Date & Time : 15-05-2023 09:20
To Date & Time : 15-05-2023 09:40

Print Date & Time : 15-05-2023 15:46

Device Name / Serial No	Device02 / 20423001	Device02 / 20423001
Operating Range	-21.0 To 40.4 °C	33.6 To 65.6 RH %
Transaction Count	21	21
Date and Time	TEMP °C	RH %
15-05-2023 09:20	30.0	45.8
15-05-2023 09:21	29.9	46.3
15-05-2023 09:22	29.9	45.8
15-05-2023 09:23	29.8	46.3
15-05-2023 09:24	29.7	46.3
15-05-2023 09:25	29.6	46.3
15-05-2023 09:26	29.6	46.3
15-05-2023 09:27	29.5	46.3
15-05-2023 09:28	29.5	46.3
15-05-2023 09:29	29.4	46.3
15-05-2023 09:30	29.4	46.8
15-05-2023 09:31	29.4	46.8
15-05-2023 09:32	29.3	46.8
15-05-2023 09:33	29.3	46.8
15-05-2023 09:34	29.3	46.8
15-05-2023 09:35	29.2	47.4
15-05-2023 09:36	29.2	47.4
15-05-2023 09:37	29.2	46.8
15-05-2023 09:38	29.1	46.8
15-05-2023 09:39	29.1	46.8
15-05-2023 09:40	29.0	47.4

Device Name / Serial No	Device02 / 20423001	Device02 / 20423001
Unit	TEMP °C	RH %
Minimum	29.0	45.8

Prepared By : Sharada

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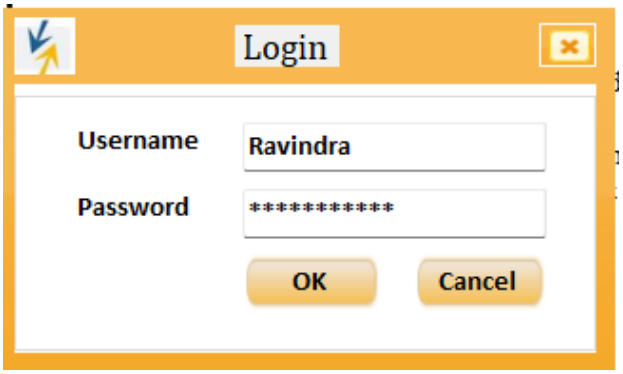
2. Reviewer User:

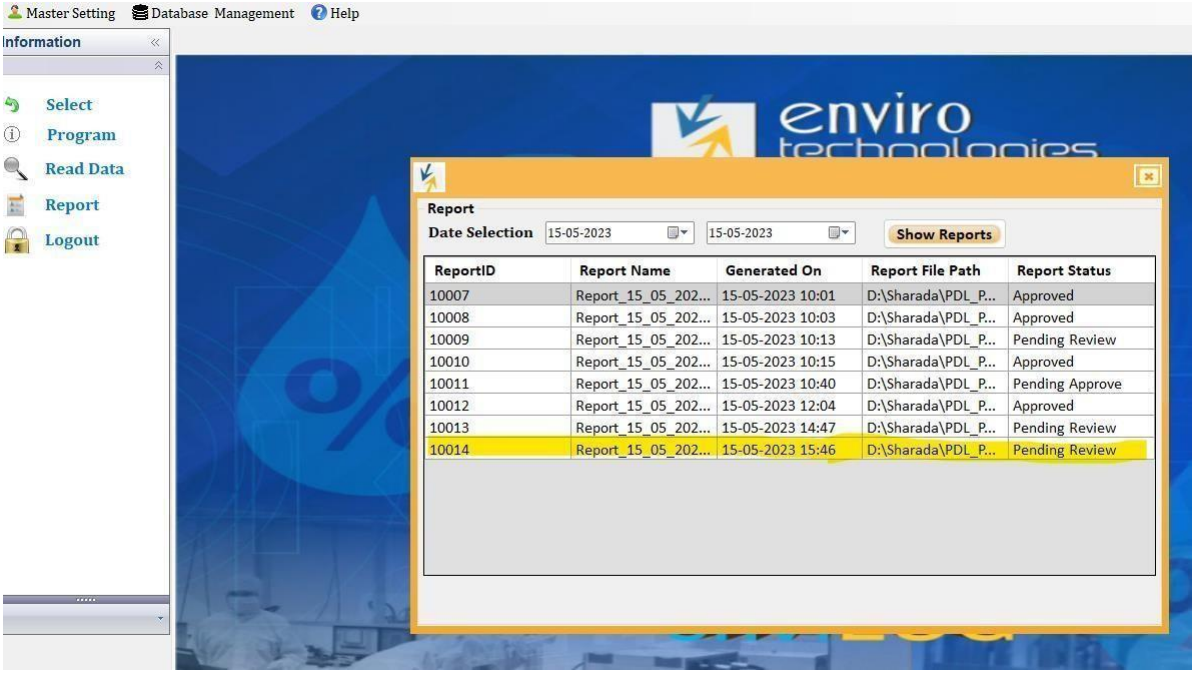
- Here user will review report generated by Preparer User and align for approval to Approver User.
- User need to login with Reviewer credentials created by admin.
- Login with reviewer credentials, e.g. Username: Ravindra & Password:

Enviro@1234Below is the login page:

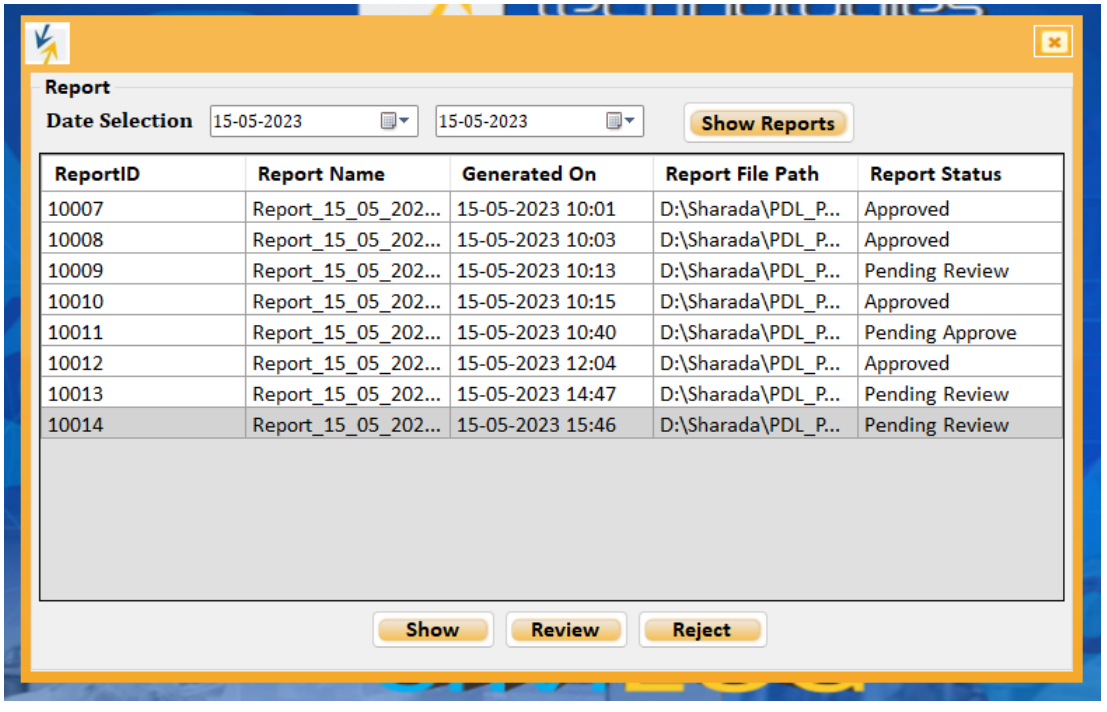


After login below page will be displayed, welcome [Reviewer user name] will be displayed.

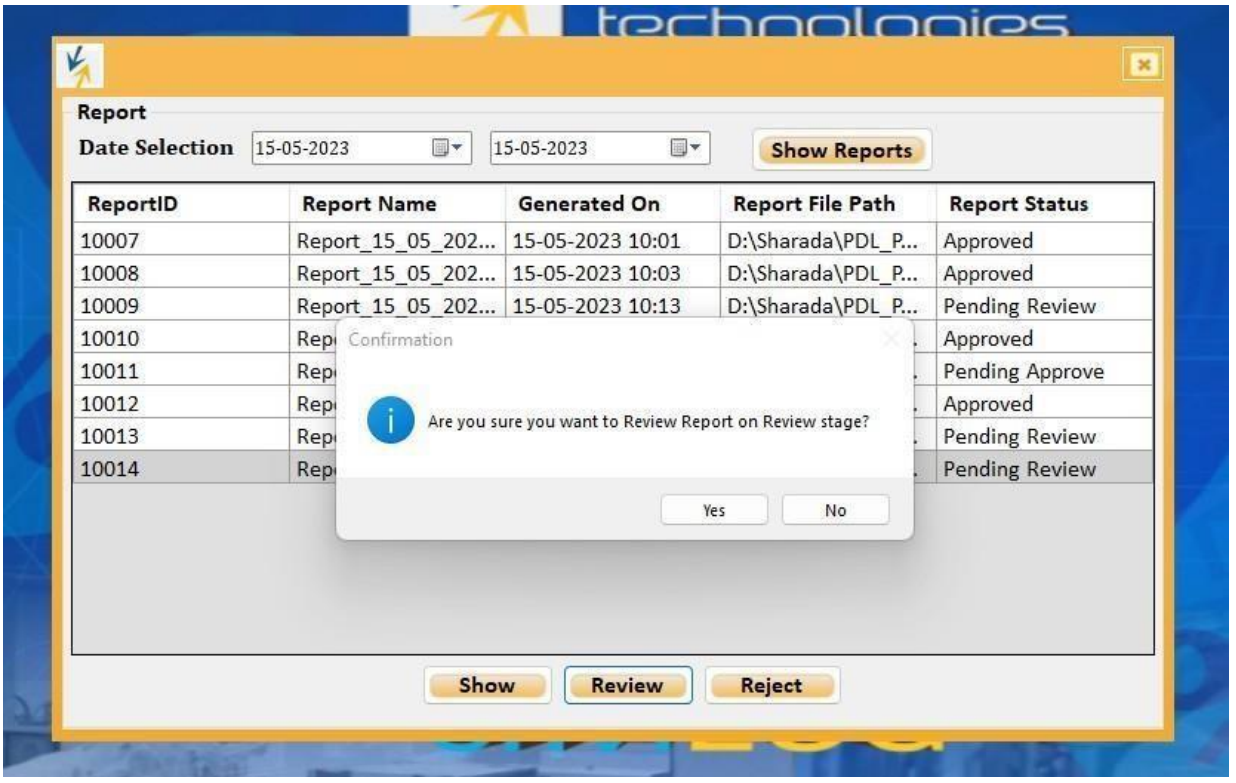
- Click on Report option from left tab, below popup will be displayed. Report aligned for review will be displayed (highlighted report).
- Report Status will be displayed as Pending Review.



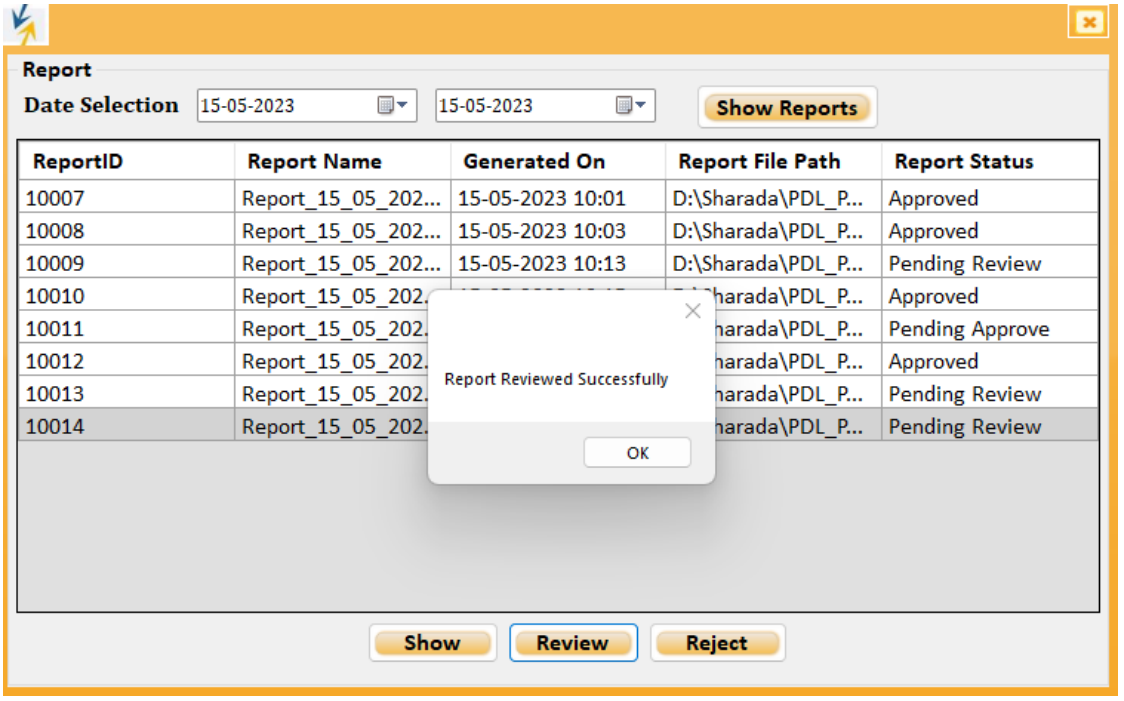
Click on highlighted report Show, Review & Reject buttons will be displayed. On click of Show button, Reviewer can view the report prepared by the prepared user.



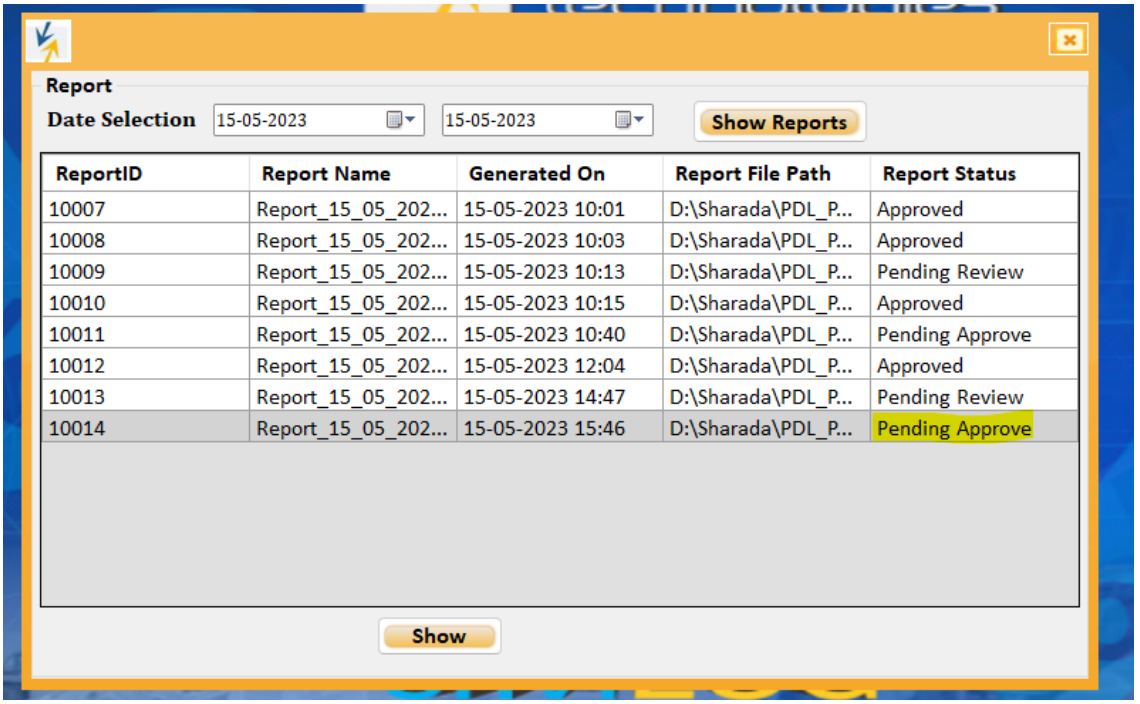
On click of Review button, below popup message will be displayed for confirmation to review the report.



On click of **Yes** button, Report Reviewed successfully popup message will be displayed.



Report Status of report will be changed to Pending Approve, after report is reviewed.



On click of the report Show button will appear, where Reviewer can view the report.
In report, Prepared by & Reviewed By name will be displayed on the footer of the report.

Enviro Technologies
Bhumi World, Bhiwandi
Thane
Graph & Transaction Report

From Date & Time : 15-05-2023 09:20
To Date & Time : 15-05-2023 09:40

Print Date & Time : 15-05-2023 15:46

Device Name / Serial No	Device02 / 20423001	Device02 / 20423001
Operating Range	-21.0 To 40.4 °C	33.6 To 65.6 RH %
Transaction Count	21	21
Date and Time	TEMP °C	RH %
15-05-2023 09:20	30.0	45.8
15-05-2023 09:21	29.9	46.3
15-05-2023 09:22	29.9	45.8
15-05-2023 09:23	29.8	46.3
15-05-2023 09:24	29.7	46.3
15-05-2023 09:25	29.6	46.3
15-05-2023 09:26	29.6	46.3
15-05-2023 09:27	29.5	46.3
15-05-2023 09:28	29.5	46.3
15-05-2023 09:29	29.4	46.3
15-05-2023 09:30	29.4	46.8
15-05-2023 09:31	29.4	46.8
15-05-2023 09:32	29.3	46.8
15-05-2023 09:33	29.3	46.8
15-05-2023 09:34	29.3	46.8
15-05-2023 09:35	29.2	47.4
15-05-2023 09:36	29.2	47.4
15-05-2023 09:37	29.2	46.8
15-05-2023 09:38	29.1	46.8
15-05-2023 09:39	29.1	46.8
15-05-2023 09:40	29.0	47.4

Device Name / Serial No	Device02 / 20423001	Device02 / 20423001
Unit	TEMP °C	RH %
Minimum	29.0	45.8

Prepared By : Sharada Reviewed By : Ravindra

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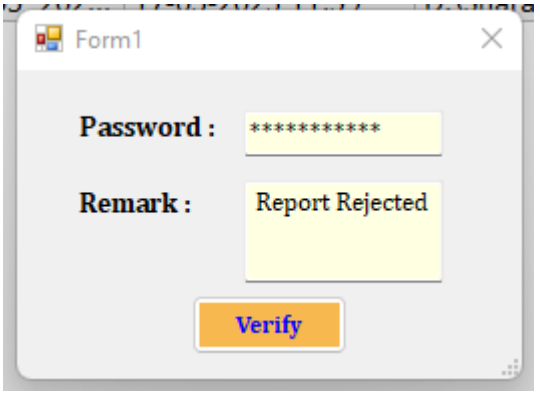
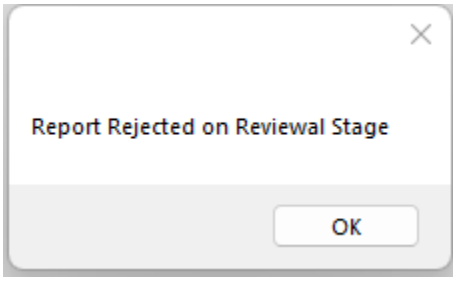
On click of reject button, Remark form will be displayed.



On click of Verify button, report rejected pop up message will be displayed.



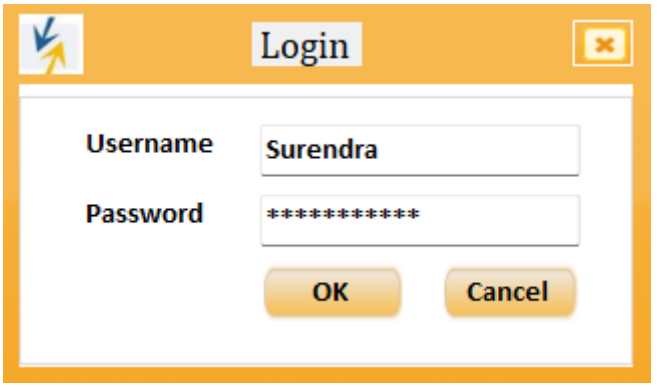
After report rejection report will be displayed as Rejected By [User name].

17-05-2023 09:14	29.0	48.4
17-05-2023 09:15	28.9	48.9
17-05-2023 09:16	28.8	47.9
17-05-2023 09:17	28.7	47.9
17-05-2023 09:18	28.6	47.4
17-05-2023 09:19	28.5	47.9
17-05-2023 09:20	28.4	48.4
17-05-2023 09:21	28.3	48.5
17-05-2023 09:22	28.2	48.5
17-05-2023 09:23	28.1	48.0
17-05-2023 09:24	28.0	48.0
17-05-2023 09:25	28.0	48.0

Prepared By : Sharada Rejected By : Ravindra Page 3 of 4

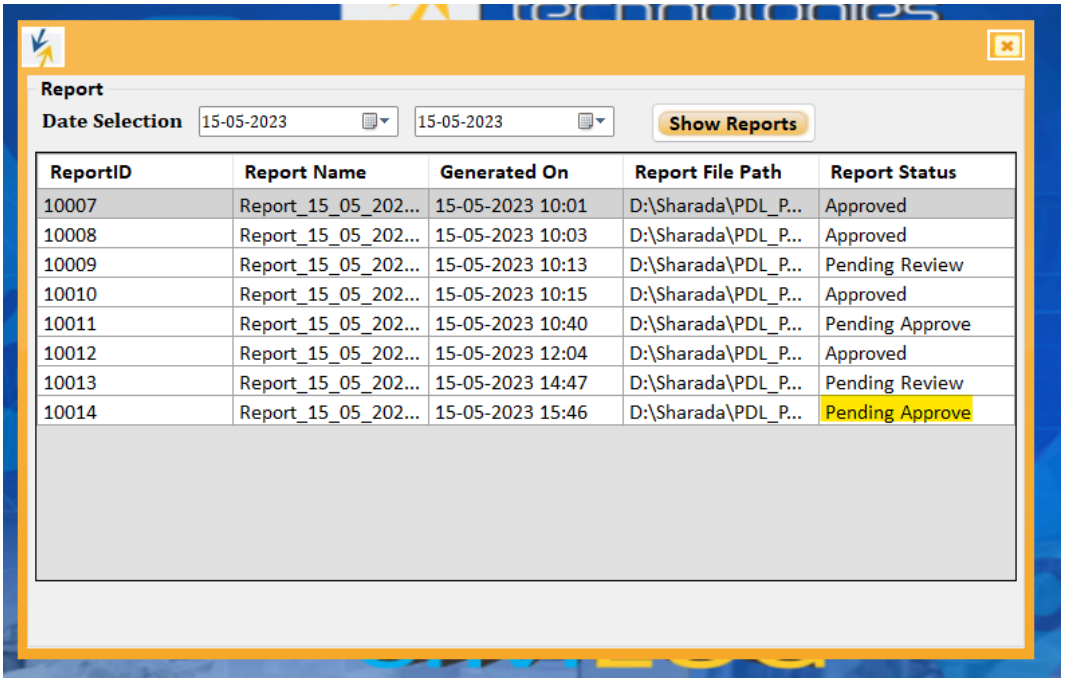
3. Reviewer User:

- Here user will approve report aligned by Reviewer User.
- User need to login with Approval credentials created by admin.
- Login with approver credentials, e.g. Username: Surendra & Password: Enviro@1234

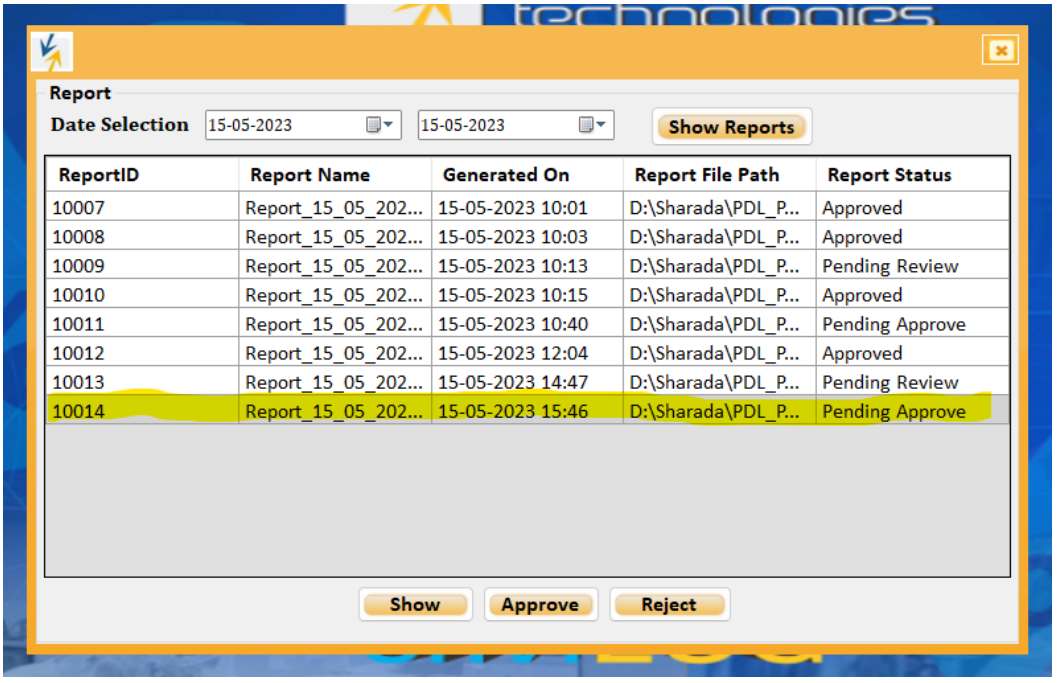


After login below page will be displayed, welcome [Approver user name] will be displayed.

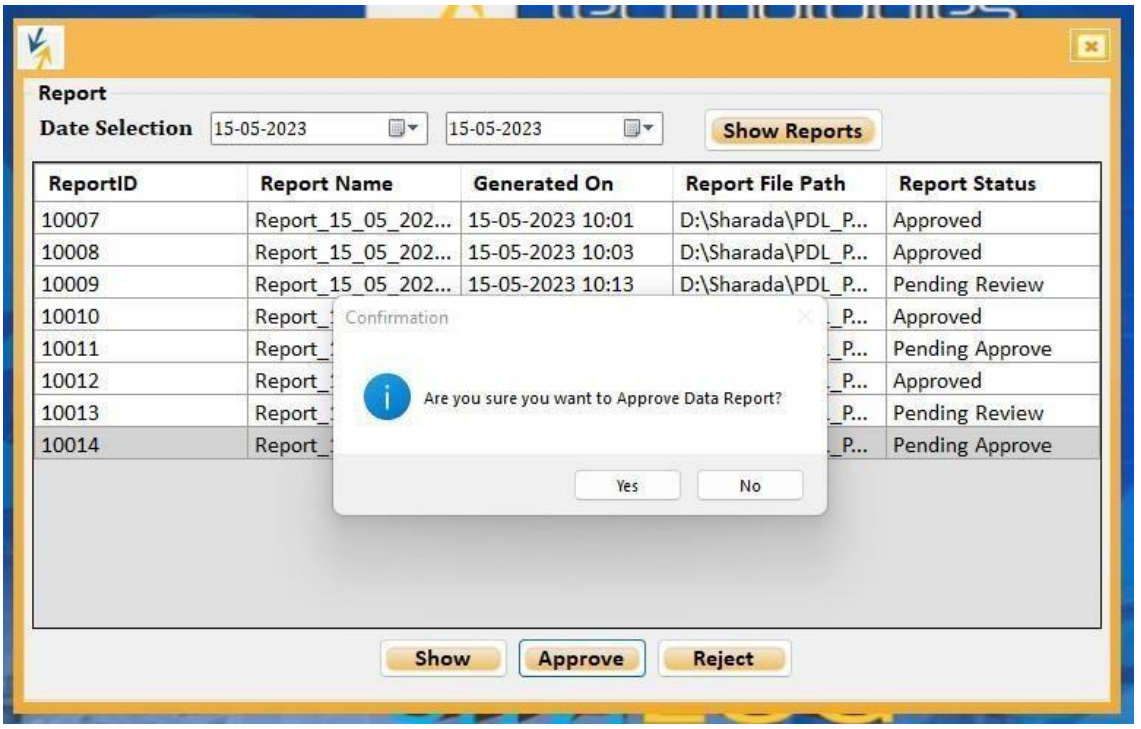
- Click on Report option from left tab, below popup form will be displayed. Report aligned for approve will be displayed (highlighted report).
- Report Status will be displayed as Pending Approve.



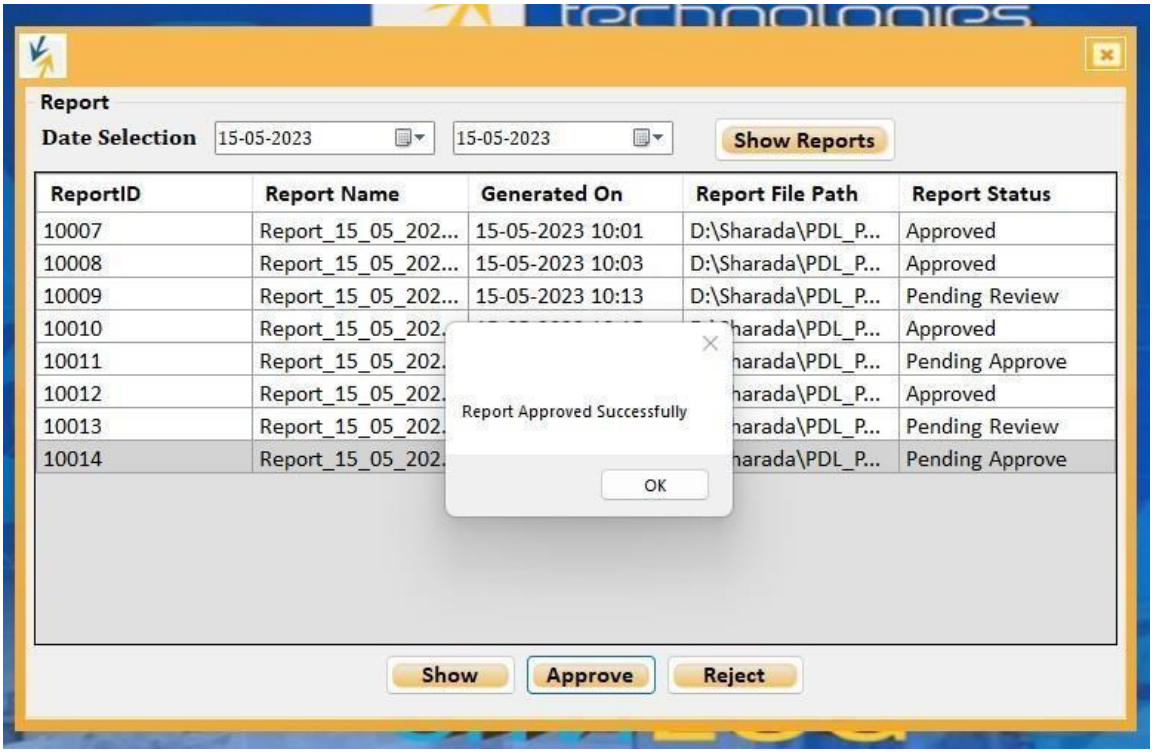
Click on highlighted report Show, Approve & Reject buttons will be displayed. On click of Show button, Approver can view the report aligned by the reviewer user.



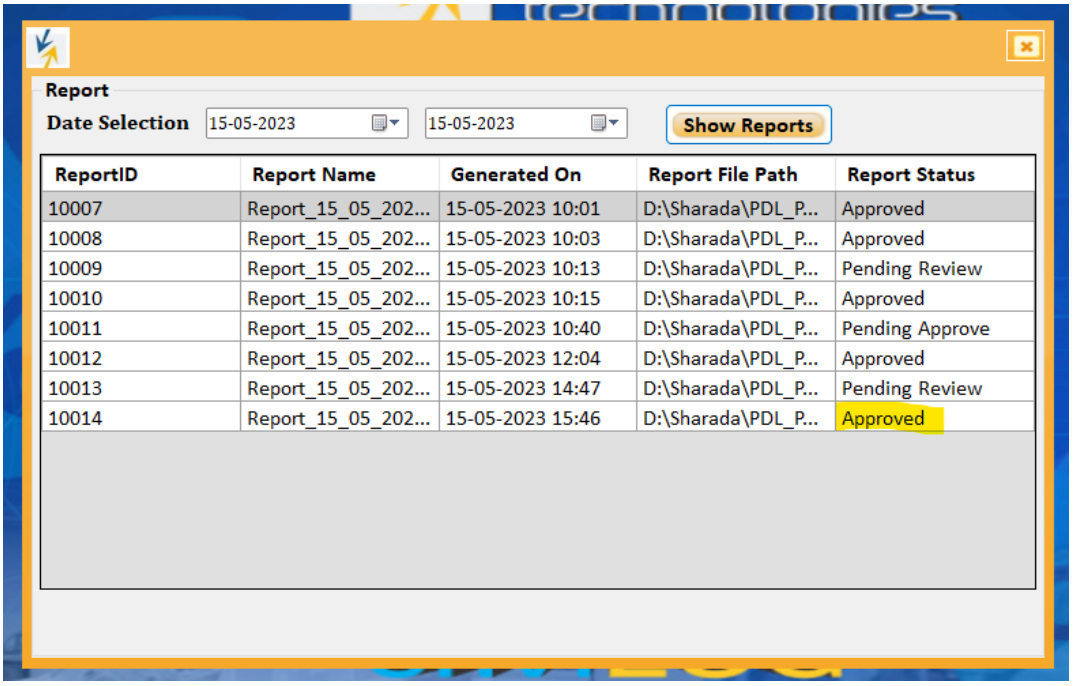
On click of Approve button, below popup message will be displayed for confirmation to approve the report.



On click of **Yes** button, Report Reviewed successfully popup message will be displayed.



Report Status of report will be changed to Approved, after report is approved.



ReportID	Report Name	Generated On	Report File Path	Report Status
10007	Report_15_05_202...	15-05-2023 10:01	D:\Sharada\PDL_P...	Approved
10008	Report_15_05_202...	15-05-2023 10:03	D:\Sharada\PDL_P...	Approved
10009	Report_15_05_202...	15-05-2023 10:13	D:\Sharada\PDL_P...	Pending Review
10010	Report_15_05_202...	15-05-2023 10:15	D:\Sharada\PDL_P...	Approved
10011	Report_15_05_202...	15-05-2023 10:40	D:\Sharada\PDL_P...	Pending Approve
10012	Report_15_05_202...	15-05-2023 12:04	D:\Sharada\PDL_P...	Approved
10013	Report_15_05_202...	15-05-2023 14:47	D:\Sharada\PDL_P...	Pending Review
10014	Report_15_05_202...	15-05-2023 15:46	D:\Sharada\PDL_P...	Approved

On click of the report Show button will appear, where Approver can view the report.
In report, Prepared By, Reviewed by & Approved By name will be displayed on the footer of the report.

Enviro Technologies
Bhumi World, Bhiwandi
Thane
Graph & Transaction Report

From Date & Time : 15-05-2023 09:20
To Date & Time : 15-05-2023 09:40

Print Date & Time : 15-05-2023 15:46

Device Name / Serial No	Device02 / 20423001	Device02 / 20423001
Operating Range	-21.0 To 40.4 °C	33.6 To 65.6 RH %
Transaction Count	21	21
Date and Time	TEMP °C	RH %
15-05-2023 09:20	30.0	45.8
15-05-2023 09:21	29.9	46.3
15-05-2023 09:22	29.9	45.8
15-05-2023 09:23	29.8	46.3
15-05-2023 09:24	29.7	46.3
15-05-2023 09:25	29.6	46.3
15-05-2023 09:26	29.6	46.3
15-05-2023 09:27	29.5	46.3
15-05-2023 09:28	29.5	46.3
15-05-2023 09:29	29.4	46.3
15-05-2023 09:30	29.4	46.8
15-05-2023 09:31	29.4	46.8
15-05-2023 09:32	29.3	46.8
15-05-2023 09:33	29.3	46.8
15-05-2023 09:34	29.3	46.8
15-05-2023 09:35	29.2	47.4
15-05-2023 09:36	29.2	47.4
15-05-2023 09:37	29.2	46.8
15-05-2023 09:38	29.1	46.8
15-05-2023 09:39	29.1	46.8
15-05-2023 09:40	29.0	47.4

Device Name / Serial No	Device02 / 20423001	Device02 / 20423001
Unit	TEMP °C	RH %
Minimum	29.0	45.8

Prepared By : Sharada Reviewed By : Ravindra Approved By : Surendra

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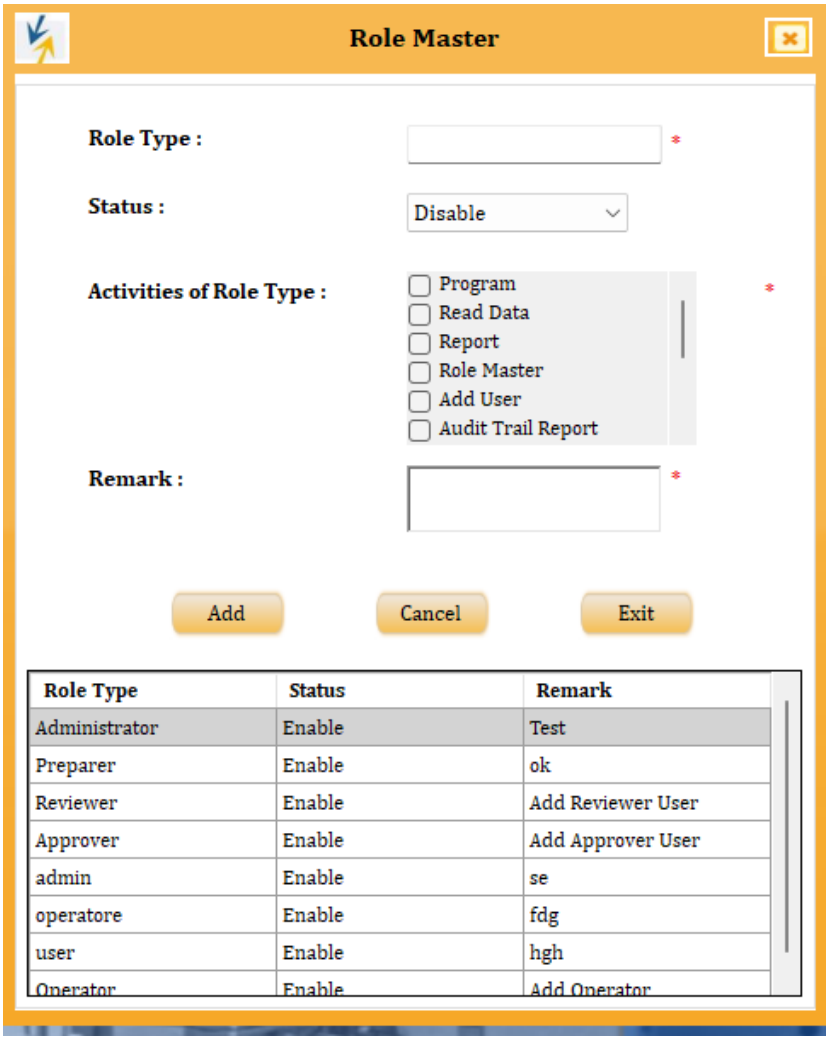
MASTER SETTING

In Master setting user can set Role Master, Add User, Change Password, Audit Trail Report, Reactive User and Password Expiry.

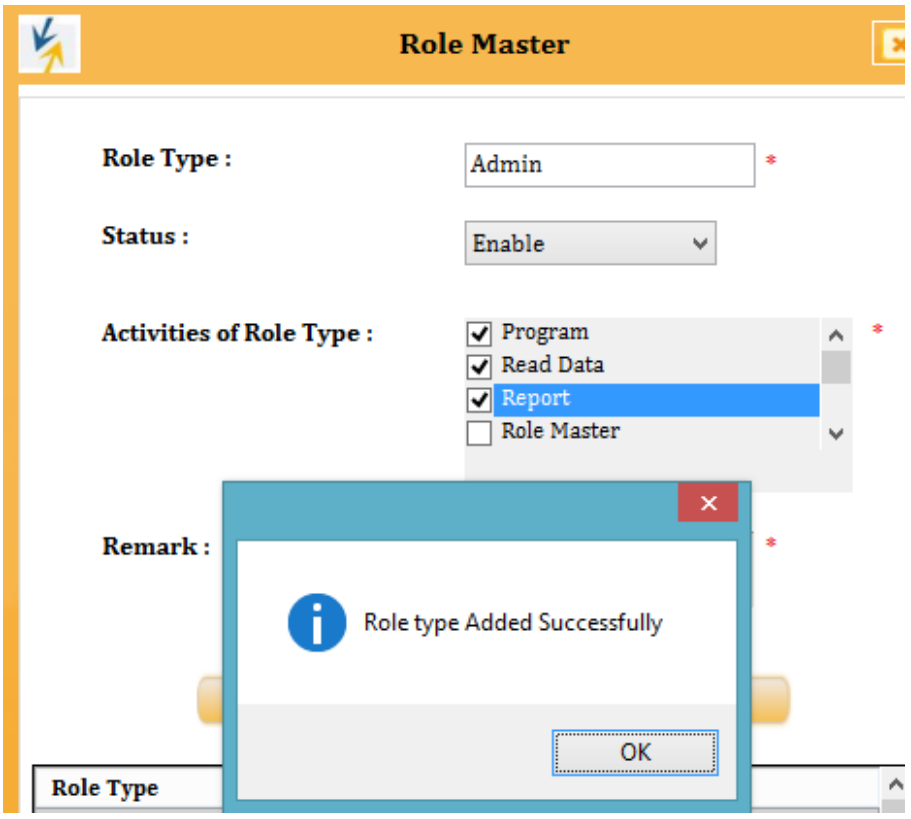
1. ROLE MASTER

In Role Master User can set the new Role (e.g. Administrative etc.) And gives the right to that role by selecting activities of role type and select the status enable and add remark.

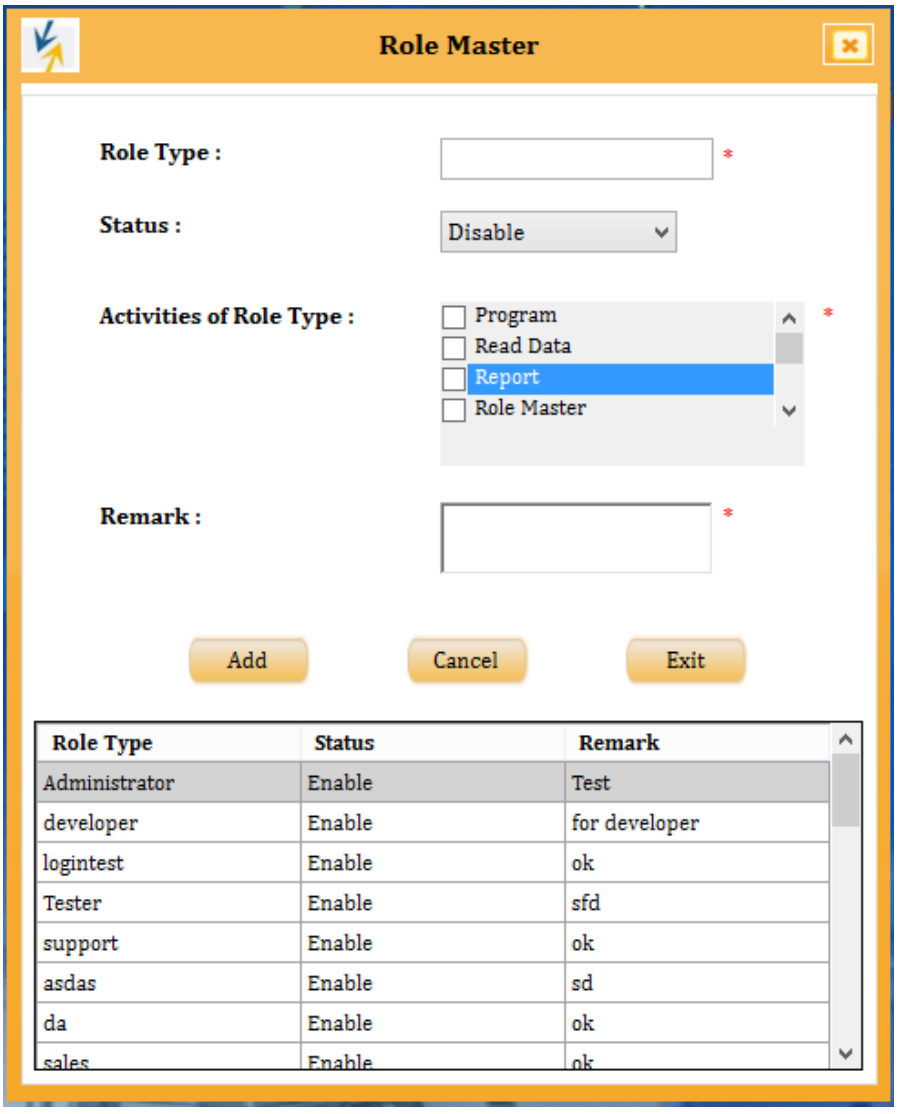


After selecting all details click on add button and then password form will appear enter password and click on verify button then message will be displayed as Role Type Added Successfully.

User can update the Role Type.


Role Master
Role Type :
Admin
Status :
Enable
Activities of Role Type :
Program
Read Data
Report
Role Master
Remark :
Role type Added Successfully
OK
Role Type

The Role Type that are added will be displayed over there.

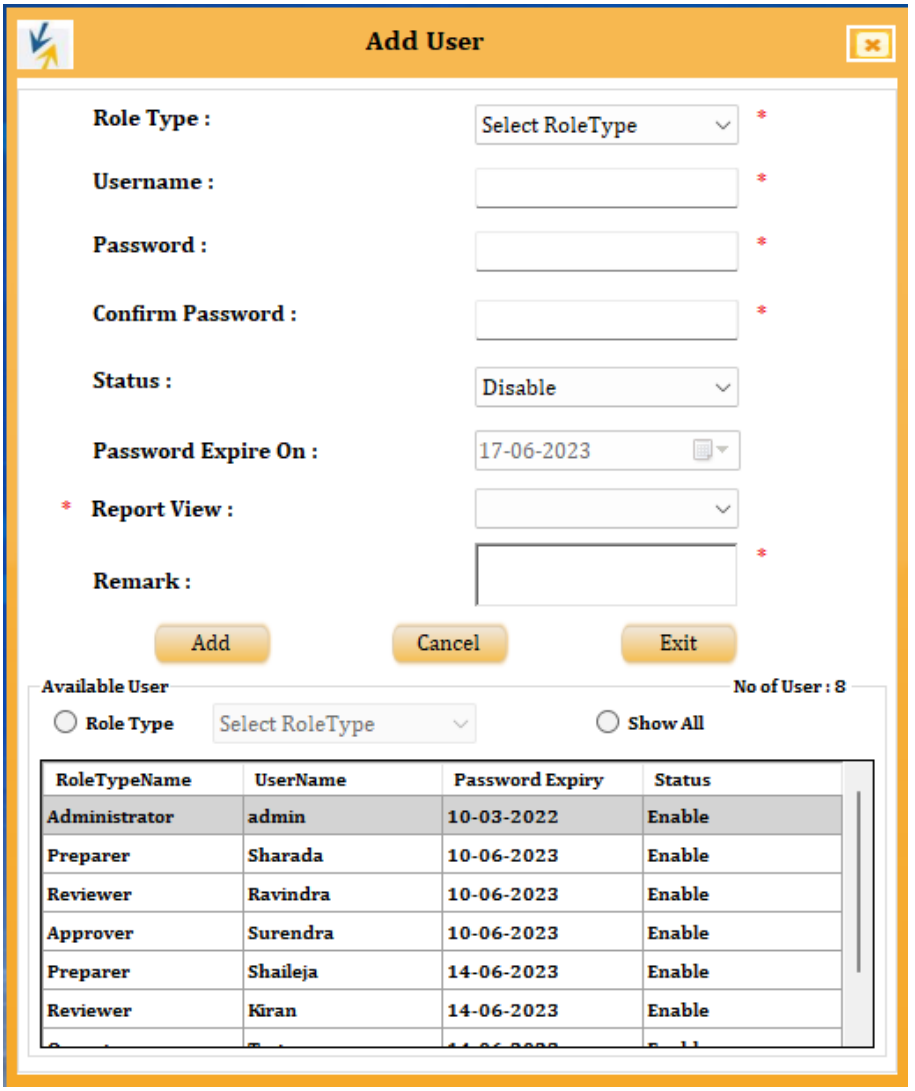


2. ADD USER

Login with admin credentials. Admin has rights to create users or admin can grant access while setting activities of role type in Role Master.

For creating user, Go to Master Setting > Select Add User option.

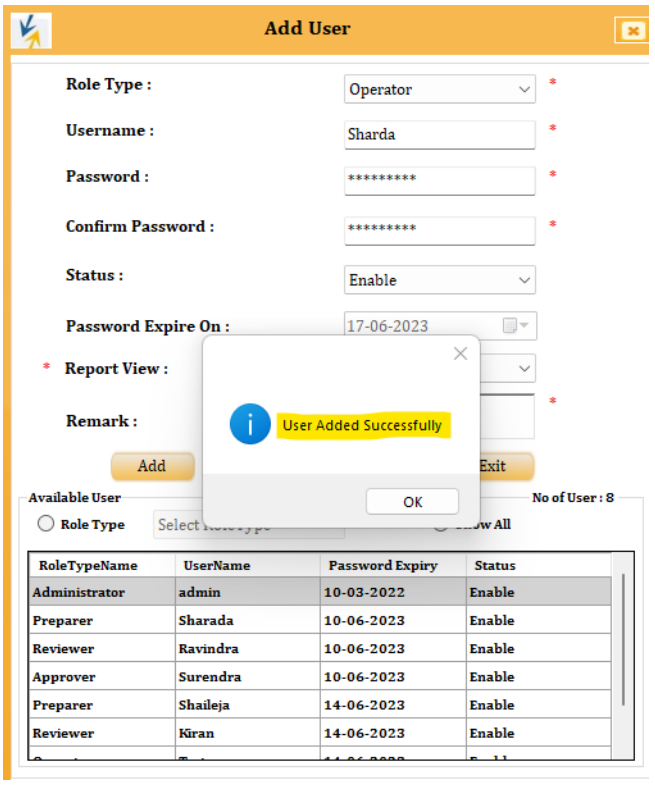
Below Add User form will be displayed.



In the above Add User form, user need to fill all the above details that includes Role type, User name, Password, Confirm Password, Status, Password expire on, Report View & Remark.

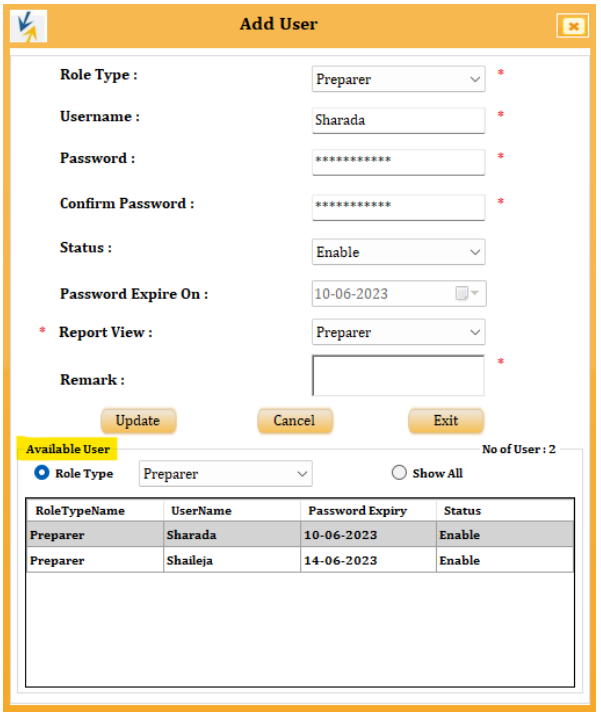
After filling all the details click on **Add** button.

User added successfully popup message will be displayed. Refer below screenshot.

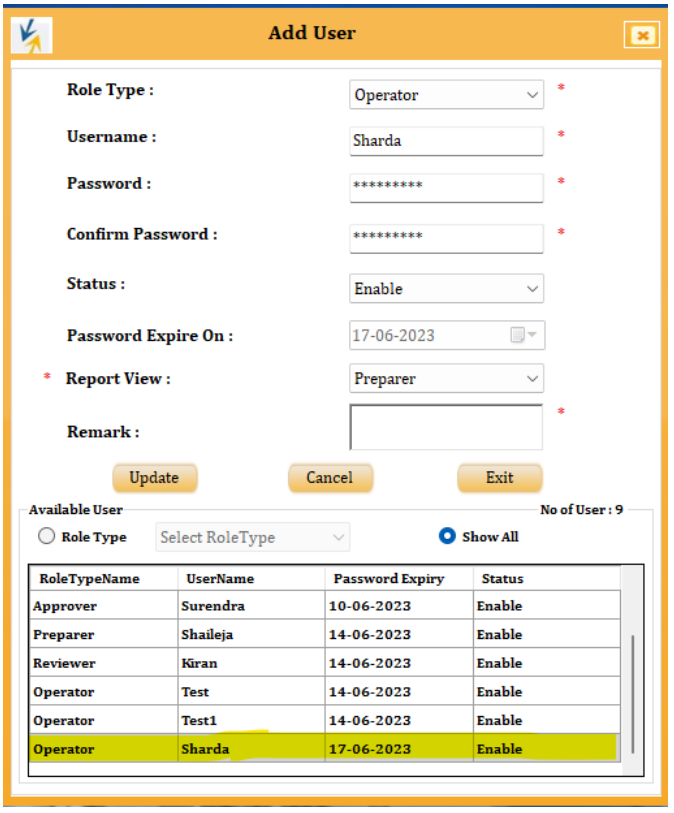


Available User:

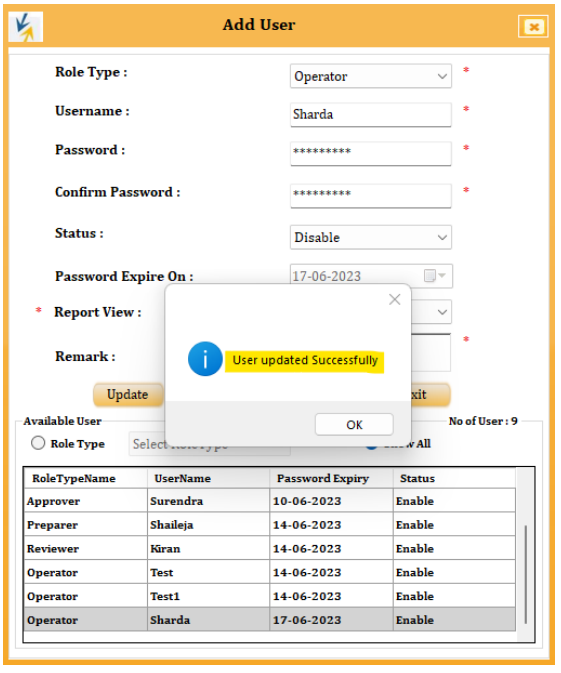
In available user section all users will be displayed in below Add User form grid. It contains Role Type dropdown where user can filter user according to their Role Type and in Show All option all available user will be displayed.



Added user will be displayed in below grid.



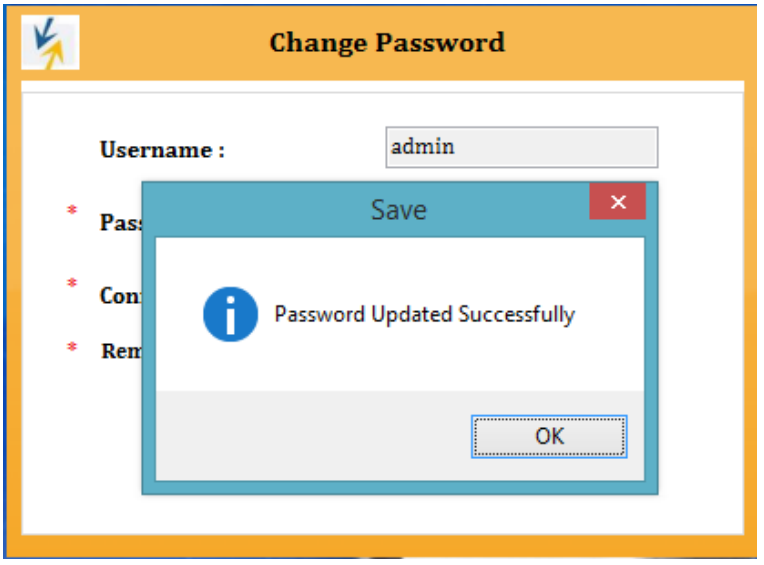
Admin can also update user information by selecting the user record that need to be updated, it will be auto filled in the above form update any record and click on update button.



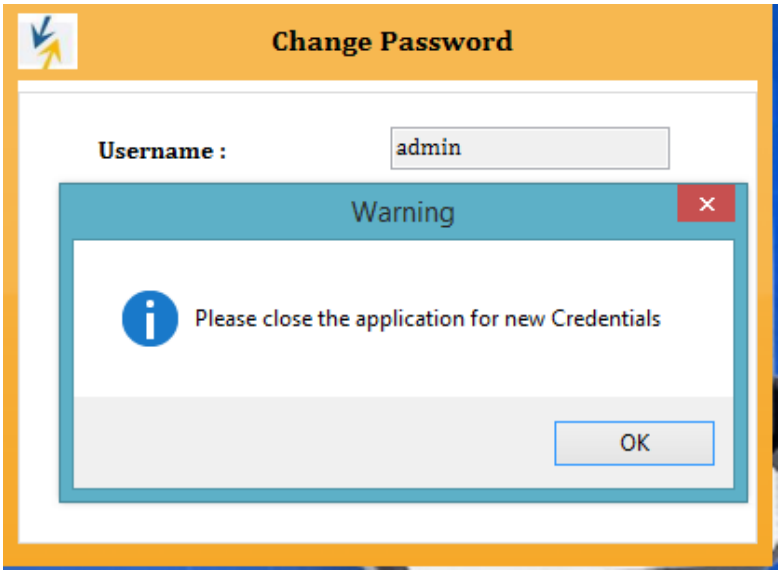
3. CHANGE PASSWORD

User can change their password from change password form. User needs to enter Password, Confirm Password and Remark. After entering details click on save button then password form will appear enter password and click on verify button then message will be displayed as Password Updated Successfully.

After entering all details click on save button and then password form will appear enter password and click on verify button then message will be displayed as Password Updated Successfully.



Once you have the change the password you need to close the application to apply the changes that you have done.



4. AUDIT TRAIL REPORT WITH E-SIGNATURE

In Audit trail report, it helps to verify and validate transactions by tracking user activity. It also helps to detect unauthorized access and errors. For each activity in application, audit log is created and can be viewed in Audit Log Report.

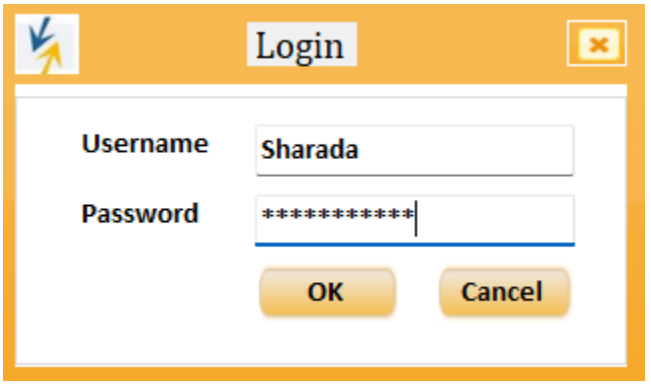
Audit trail report with E-Signature:

Audit trail report with E-Signature will consist of three user role to review the report. The user role consist of Prepared User, Reviewer User & Approval User. This user role will be created by admin.

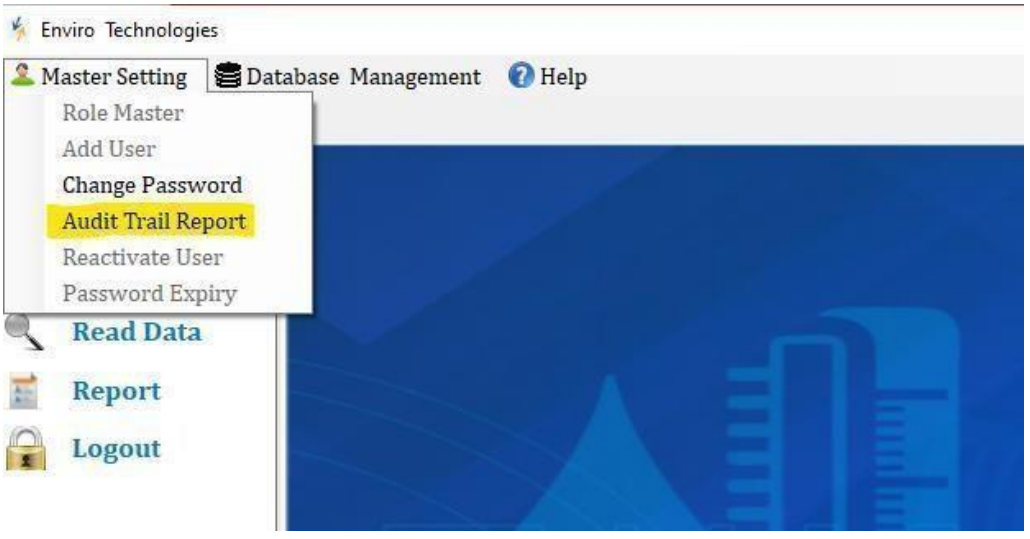
1. Prepared User:

Prepared user will generate the audit report and further it will be aligned for review. Prepared user will login with the credentials provided by the admin.

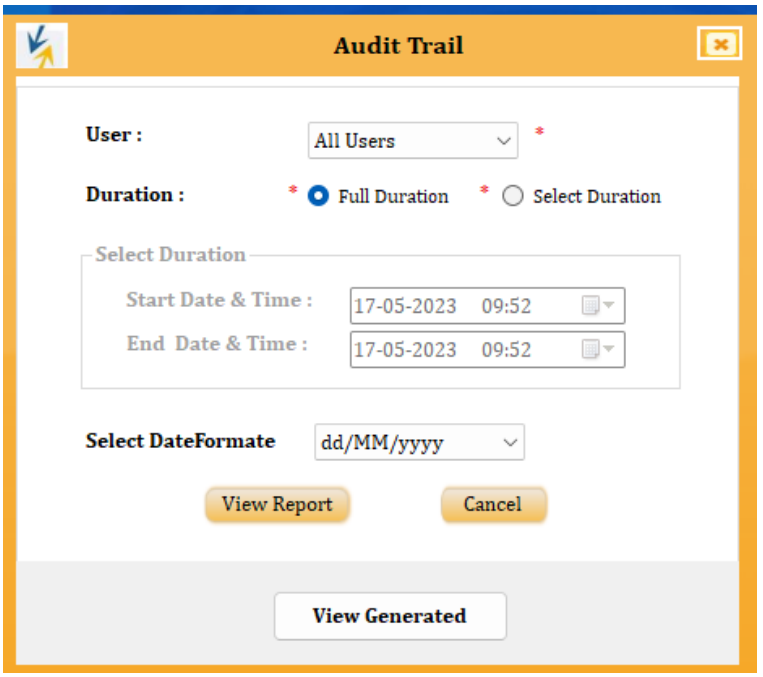
Login Screen:



For creation of audit report, user need to click on Master Setting > Select Audit Trail Report option.



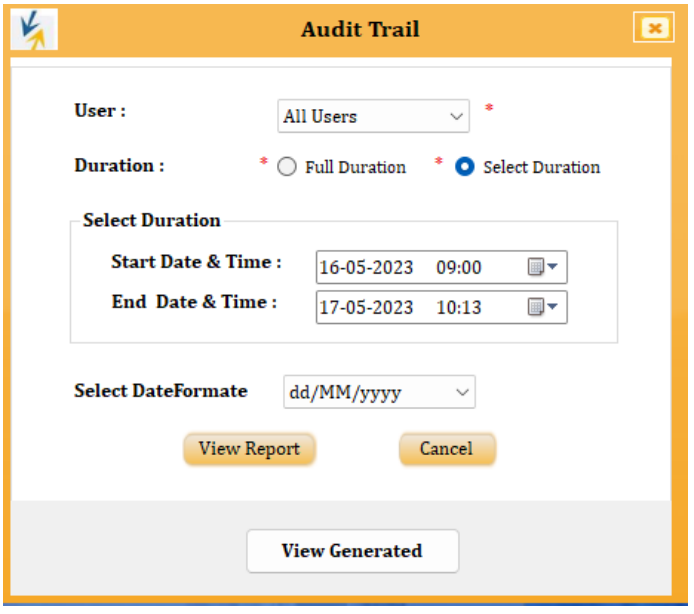
Audit trail report popup will be displayed, refer below image:



User: User need to select user option for which audit report will be generated for the selected user. Report for All Users will be generated by default if not selected any user option.

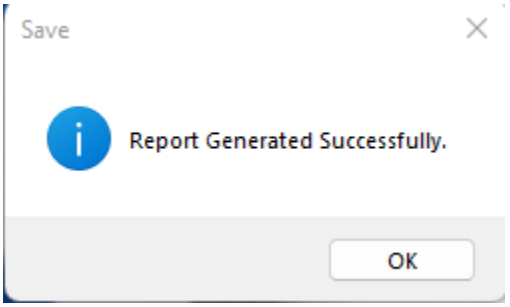
Duration: User have two option Full Duration and Select Duration. In Full Duration option, Report will be generated with all the data available in the database and in Select Duration option, User can generate report for a specified interval date by selecting Start and End Date & Time.

Select Date Format: Here, user can select date format in which it will be displayed in report.

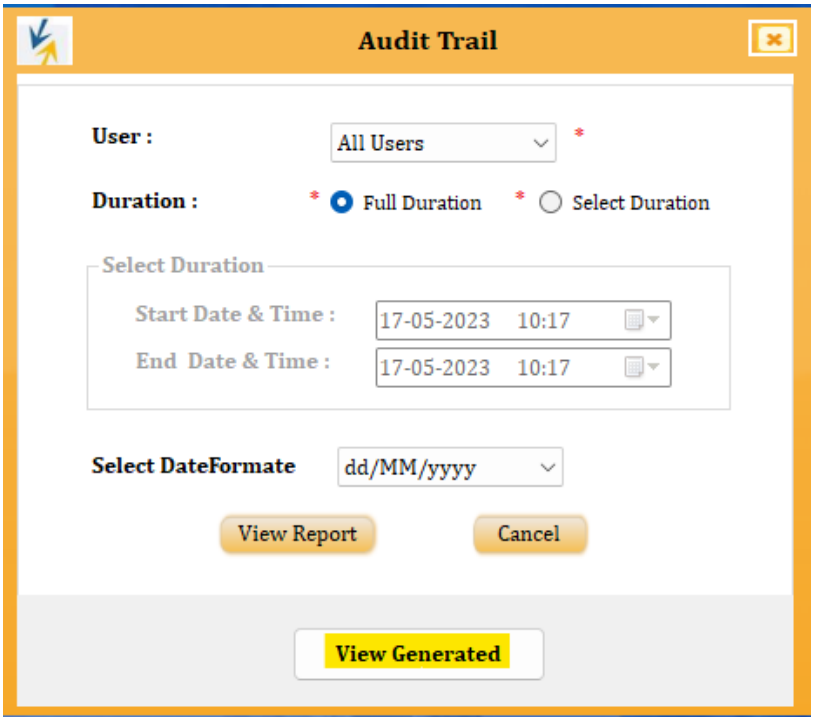


After filling all the details, click on View Report button.

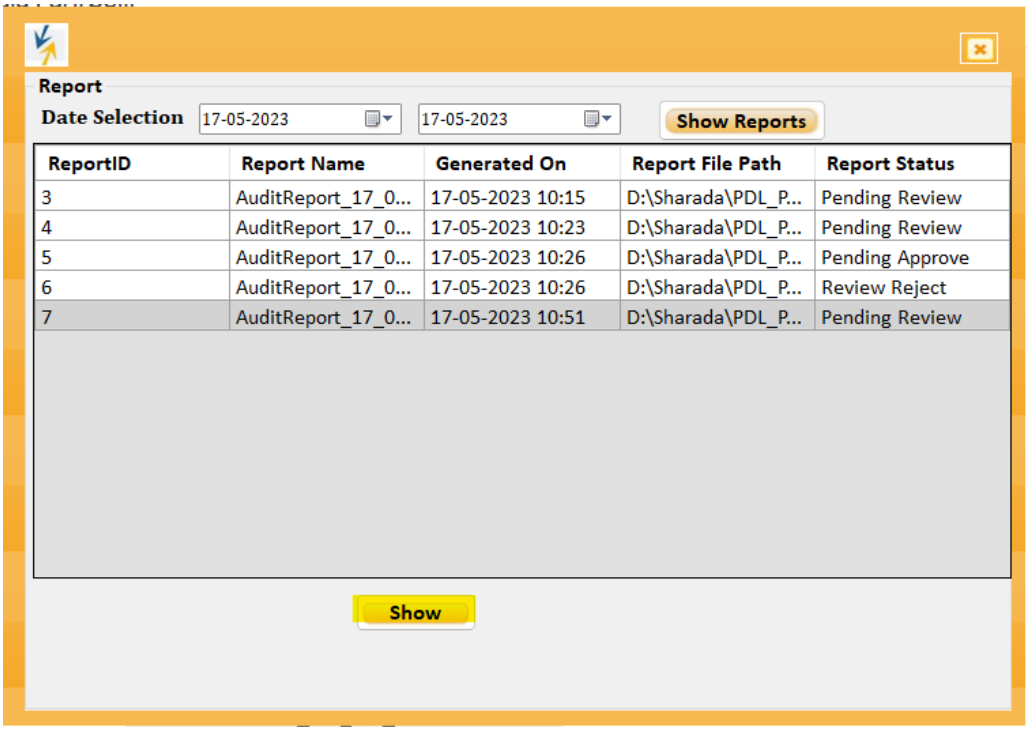
Report generated successfully popup message will be displayed.



Select Master Setting > Audit Trail Report option > Click on View Generated button.



On click of View Generated button below screen will be displayed, generated report details will be displayed and aligned for review. Prepared user can view Report Status for each report.



User can view report, by selecting report and click on Show button. Below report will be viewed in pdf Format and Prepared By [User name] will be displayed on the footer.

					Data,Report,Audit Trail Report,Database Bakup,Database Bakup and Archieve,Database Restore, Status: True	
11/05/2023	10:18	admin	Role type added		Role Type Name: Approver, Activity: Program,Read Data,Report,Audit Trail Report,Password Expiry,Company Setting,Database Bakup,Database Bakup and Archieve,Database Restore, Status: True	Add Approver User
11/05/2023	10:19	admin	Role type Updated	Activity: Program,Read Data,Report,Audit Trail Report,Database Bakup,Database Bakup and Archieve,Database Restore , Role Type Name : Reviewer , Status : True	Activity: Program,Read Data,Report,Audit Trail Report,Database Bakup,Database Bakup and Archieve,Database Restore Role Type Name : Reviewer, Status: True	Add Reviewer User
11/05/2023	10:21	admin	User added by admin		Role Type: Preparer,User Name: Sharada, Status: True	Add preparer user
11/05/2023	10:23	admin	User added by admin		Role Type: Reviewer,User Name: Ravindra, Status: True	Add reviewer user

Prepared By : Sharada

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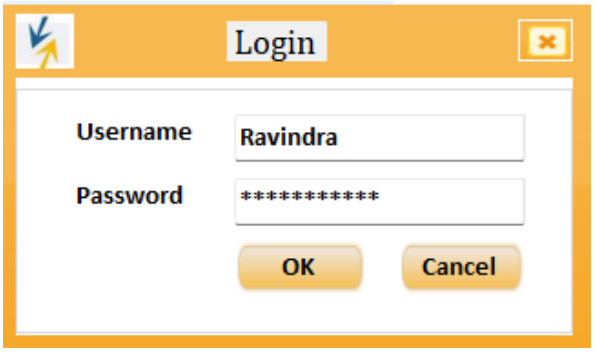
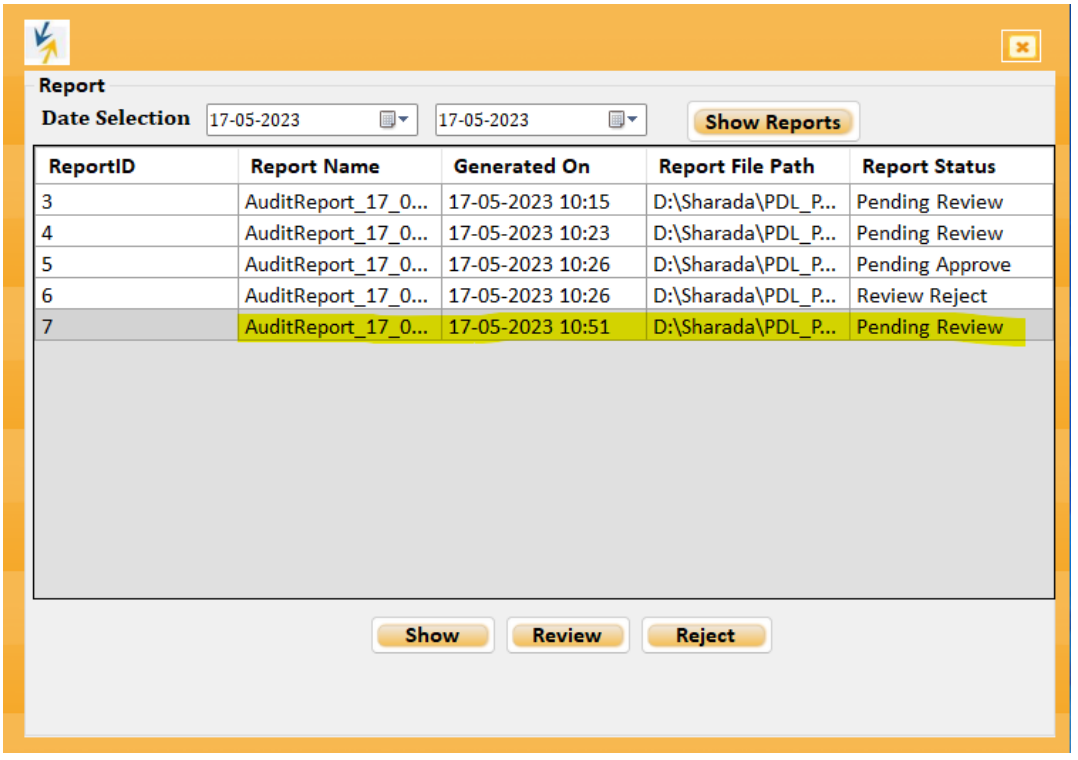
2. Reviewer User:

Reviewer user will review the report aligned by the prepared user and after review will align for approval.
Login with reviewer credentials provided by the admin.

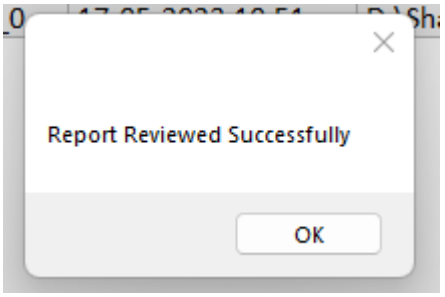


After login, Click on Master Setting > Select Audit Trail Report option. Below Image will be displayed.



User need to select report which need to be reviewed. Three buttons will be displayed i.e Show, Review & Reject. On click of Show button Reviewer can view report.

On click of Review button, report will be reviewed and report status will change to Pending Approve.

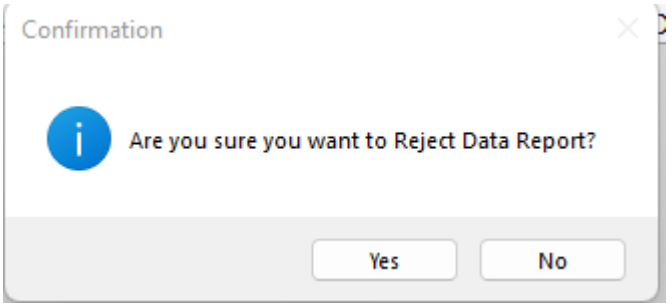


After review, report generated will display Reviewed By [User Name] on the report footer.

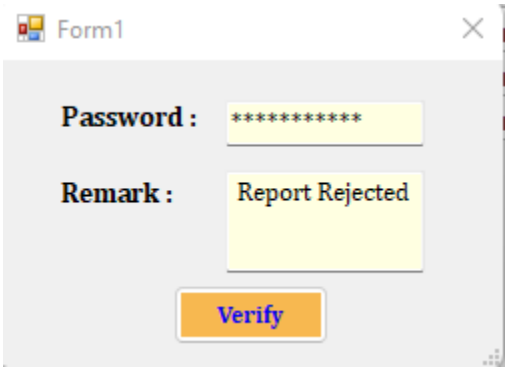
11/05/2023	10:18	admin	Role type added		Role Type Name: Approver, Activity: Program,Read Data,Report,Audit Trail Report,Password Expiry,Company Setting,Database Bakup,Database Bakup and Archieve,Database Restore, Status: True	Add Approver User
11/05/2023	10:19	admin	Role type Updated	Activity: Program,Read Data,Report,Audit Trail Report,Database Bakup,Database Bakup and Archieve,Database Restore , Role Type Name : Reviewer , Status : True	Activity: Program,Read Data,Report,Audit Trail Report,Database Bakup,Database Bakup and Archieve,Database Restore Role Type Name : Reviewer, Status: True	Add Reviewer User
11/05/2023	10:21	admin	User added by admin		Role Type: Preparer,User Name: Sharada, Status: True	Add preparer user
11/05/2023	10:23	admin	User added by admin		Role Type: Reviewer,User Name: Ravindra, Status: True	Add reviewer user

Prepared By : Sharada Reviewed By : Ravindra Page 1 of 12

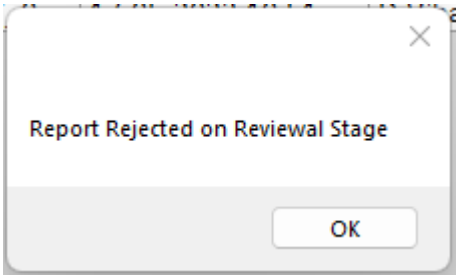
On click of Reject button, confirmation message will be displayed.



On click of Yes button, remark form will be displayed.



On click of Verify button, Report rejected popup message will be displayed. And report status will be displayed as Review Reject.



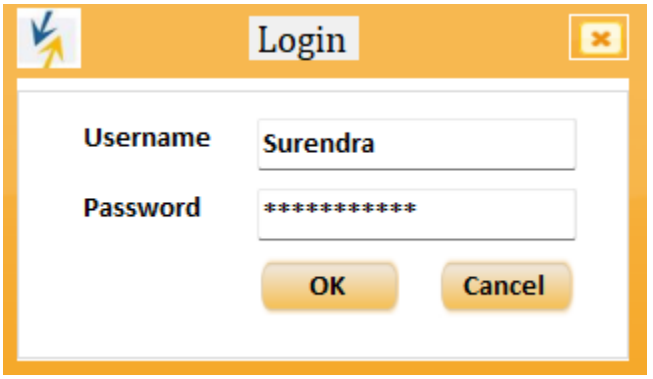
After report rejection report will be displayed as Rejected By [User name].

11/05/2023	10:32	admin	Update Company information			
11/05/2023	10:33	admin	Logout			
11/05/2023	10:33	Sharada	Login			
11/05/2023	10:39	Sharada	Logout			
11/05/2023	10:39	admin	Login			
11/05/2023	10:40	admin	User : Sharada Signature Updated.			
11/05/2023	10:40	admin	User : Ravindra Signature Updated.			
11/05/2023	10:40	admin	User : Surendra Signature Updated.			
11/05/2023	10:41	admin	Logout			
11/05/2023	10:41	Sharada	Login			
11/05/2023	10:42	Sharada	Data Report Generated			

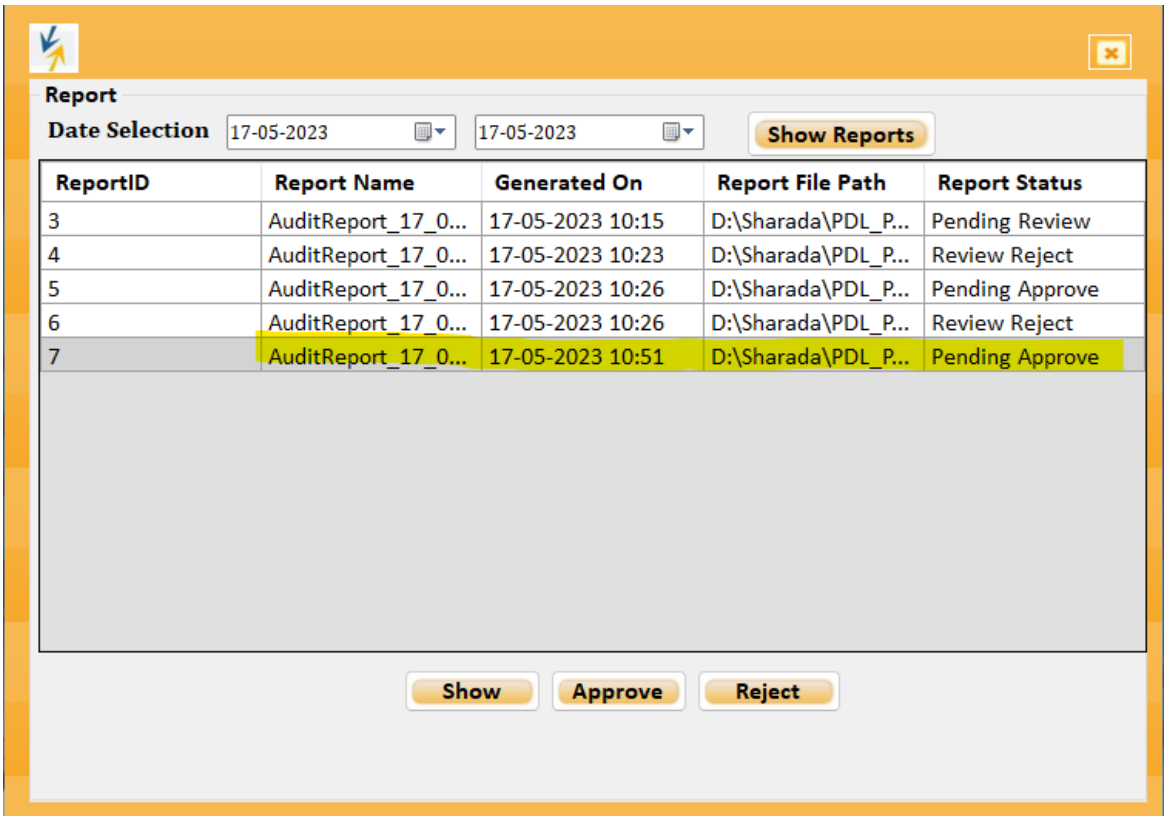
Prepared By : Sharada Rejected By : Ravindra Page 1 of 12

3. Approver User

Approver user will approve the report aligned by reviewer user.
Login with approver credentials provided by the admin.

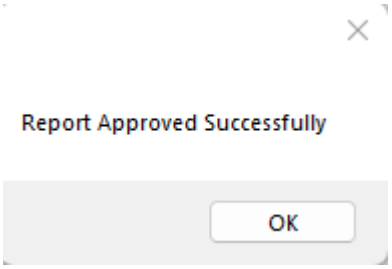


After login, click on Master Setting > Select Audit trail Report option.



User need to select report which need to be approved. Three buttons will be displayed i.e. Show, Approve & Reject. On click of Show button Reviewer can view report.

On click of Approve button, report will be reviewed and report status will change to Pending Approve.

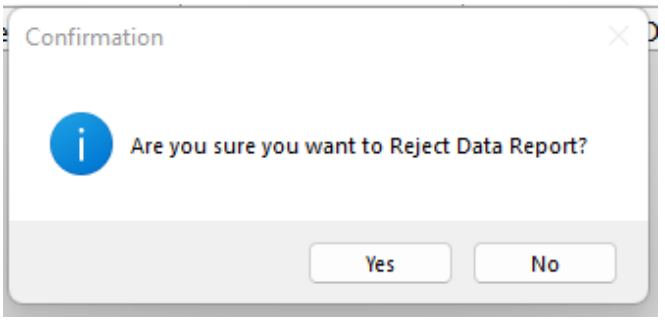


After approve, report generated will display Approved By [User Name] on the report footer.

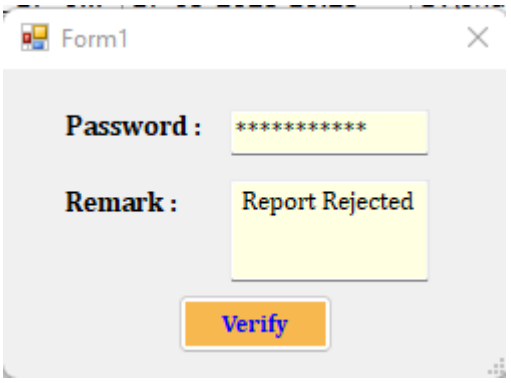
					Restore, Status: True	
11/05/2023	10:19	admin	Role type Updated	Activity: Program,Read Data,Report,Audit Trail Report,Database Bakup,Database Bakup and Archieve,Database Restore , Role Type Name : Reviewer , Status : True	Activity: Program,Read Data,Report,Audit Trail Report,Database Bakup,Database Bakup and Archieve,Database Restore Role Type Name : Reviewer, Status: True	Add Reviewer User
11/05/2023	10:21	admin	User added by admin		Role Type: Preparer,User Name: Sharada, Status: True	Add preparer user
11/05/2023	10:23	admin	User added by admin		Role Type: Reviewer,User Name: Ravindra, Status: True	Add reviewer user

Prepared By : Sharada Reviewed By : Ravindra Approved By : Surendra Page 1 of 12

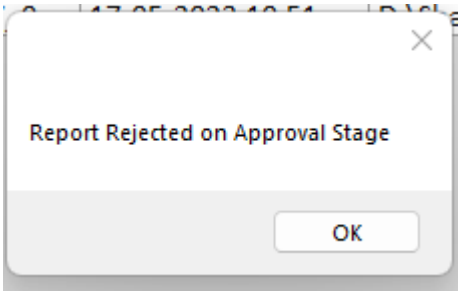
On click of Reject button, confirmation message will be displayed.



On click of Yes button, remark form will be displayed.



On click of Verify button, Report rejected popup message will be displayed. And report status will be displayed as Approval Reject.



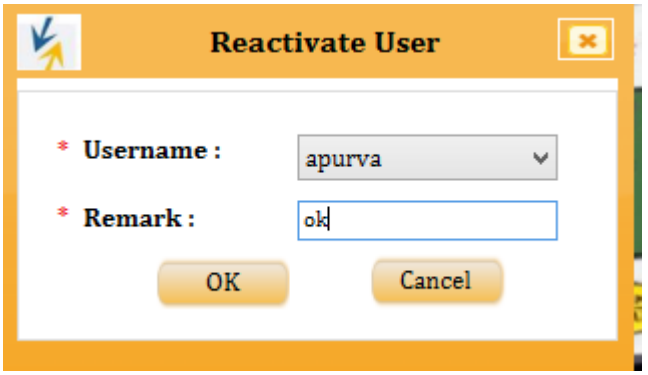
After report rejection report will be displayed as Rejected By [User name].

11/05/2023	10:33	admin	Logout			
11/05/2023	10:33	Sharada	Login			
11/05/2023	10:39	Sharada	Logout			
11/05/2023	10:39	admin	Login			
11/05/2023	10:40	admin	User : Sharada Signature Updated.			
11/05/2023	10:40	admin	User : Ravindra Signature Updated.			
11/05/2023	10:40	admin	User : Surendra Signature Updated.			
11/05/2023	10:41	admin	Logout			
11/05/2023	10:41	Sharada	Login			
11/05/2023	10:42	Sharada	Data Report Generated			

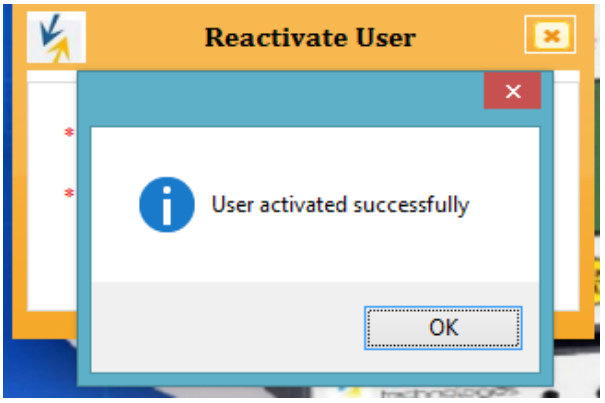
5. REACTIVE USER:

User can reactivate user by selecting username, enter remark and then click on Ok button.

After clicking on ok button password form appears enter password and click on verify button.



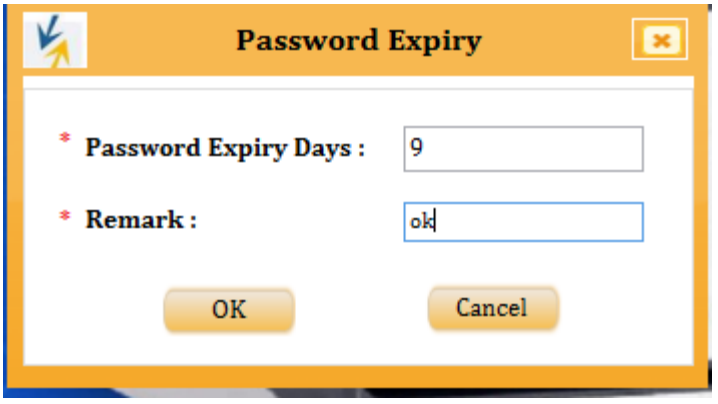
After that popup message is displayed as User Activated Successfully.



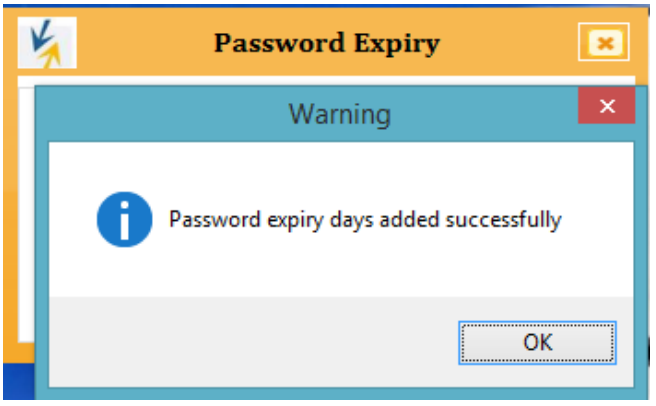
Note: After user is activated user need to login with default password (enviro@123), and can set new password.

6. PASSWORD EXPIRY

In password expiry user can give the password expiry days. For that user needs to enter the days and click on Ok button.



After clicking on ok button password form appears enter password and click on verify button. After that popup message will be displayed as Password Expiry Days Added Successfully.

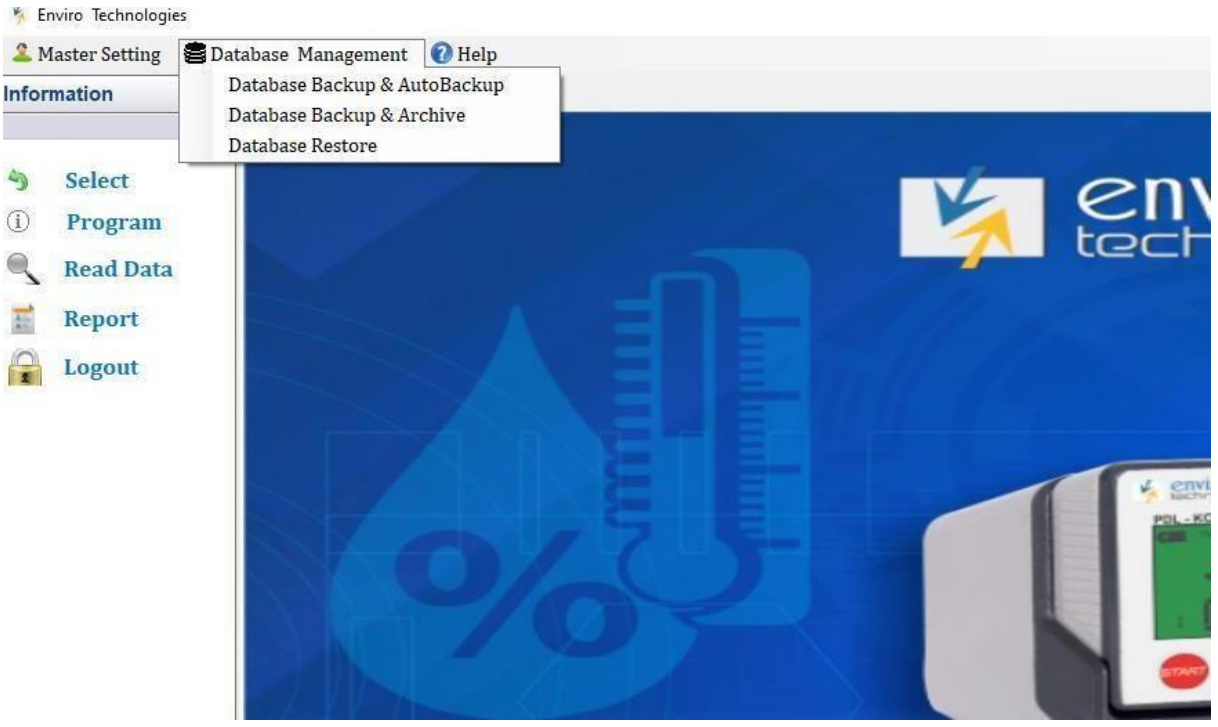


DATABASE MANAGEMENT

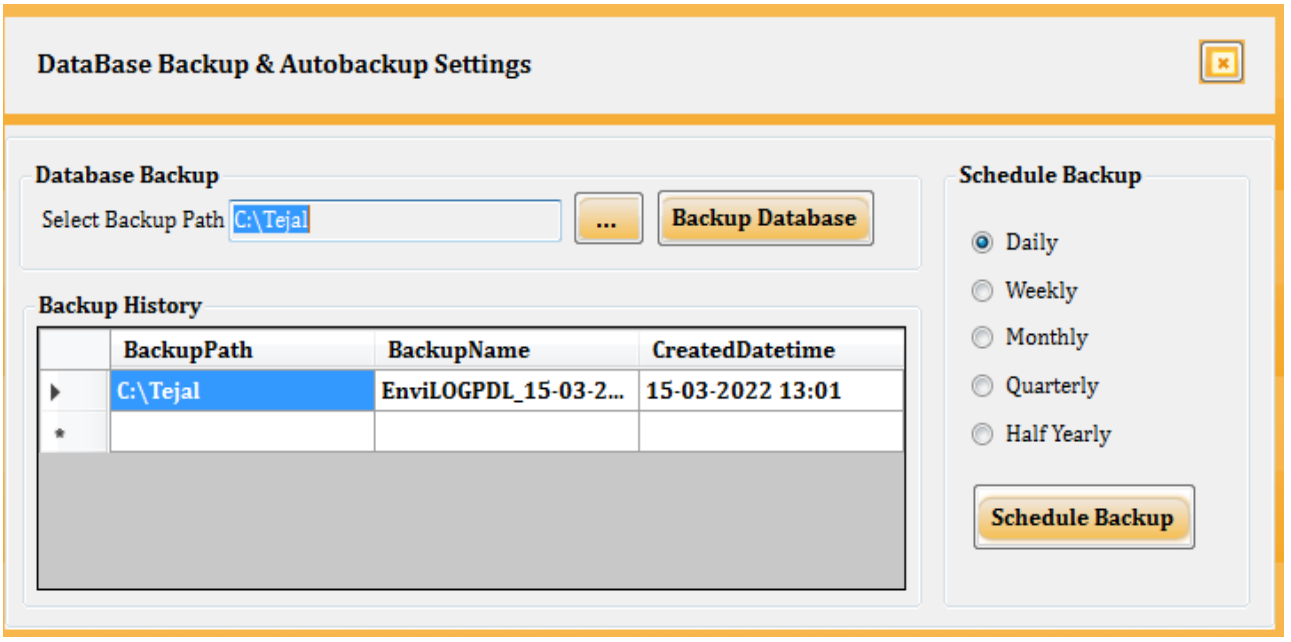
Database Management dropdown consist of three options:

Database Backup & Auto backup

1. Database Backup & Archive
2. Database Restore

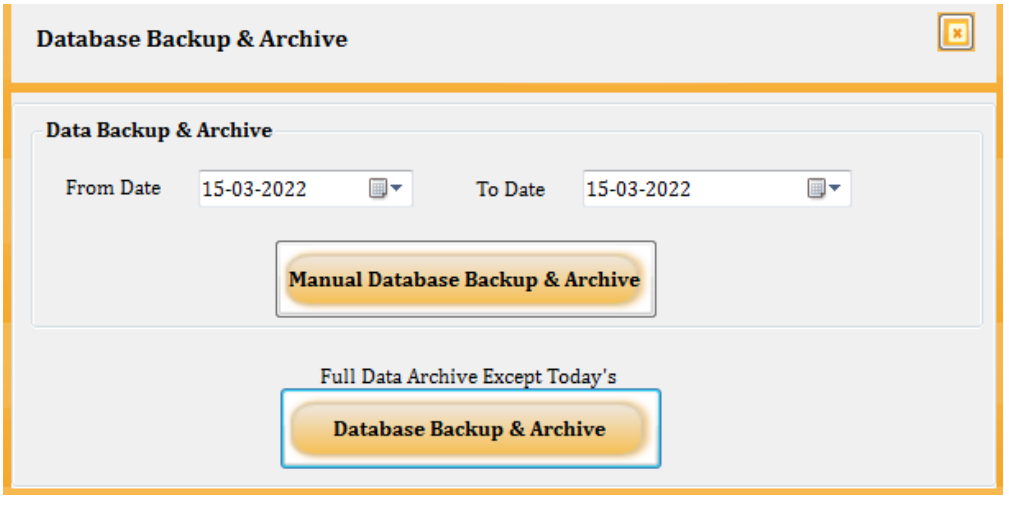


1. **Database Backup and Auto backup Settings:** In database backup and auto backup we can take backup from here in selected folder where we want take that backup.



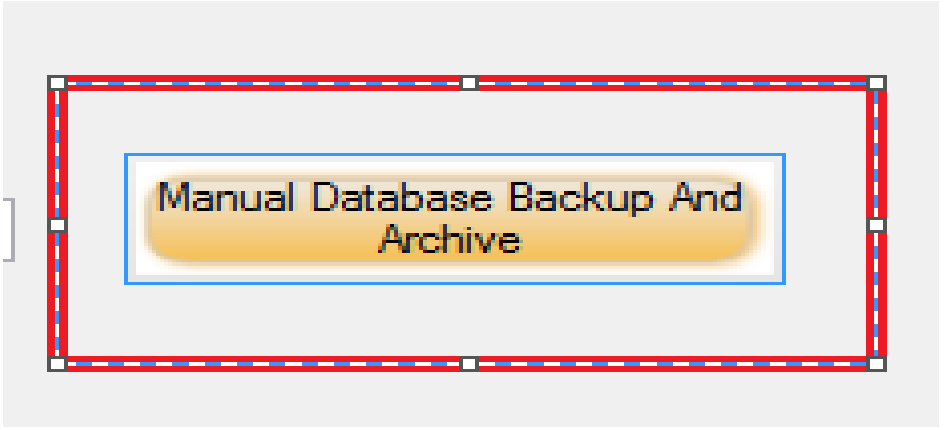
- Will can take Auto backup from here only.
- Browse that file where we want take backup of that file.
- Select when want take backup for E.g. Daily, Monthly, Yearly.
- Click on Click here to take backup.

2. **Database Backup and archive:** In this tab user can take backup of the data and archive it from here.



Manual database backup and archieve:

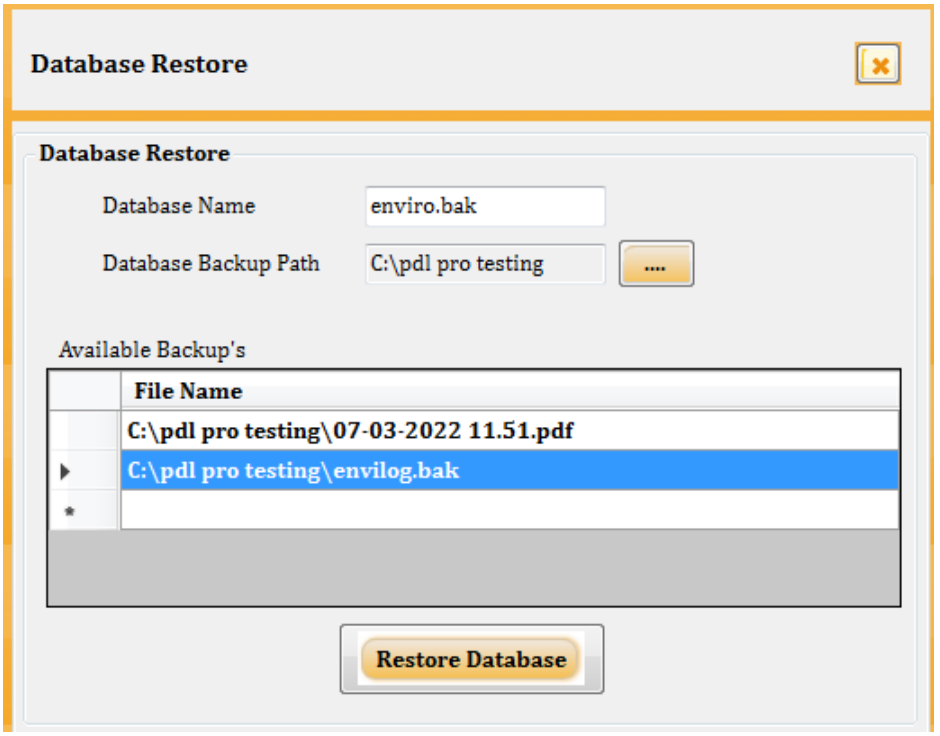
Manual database backup and archive use for taking backup before deleting data from database table. It will delete data from date to date.



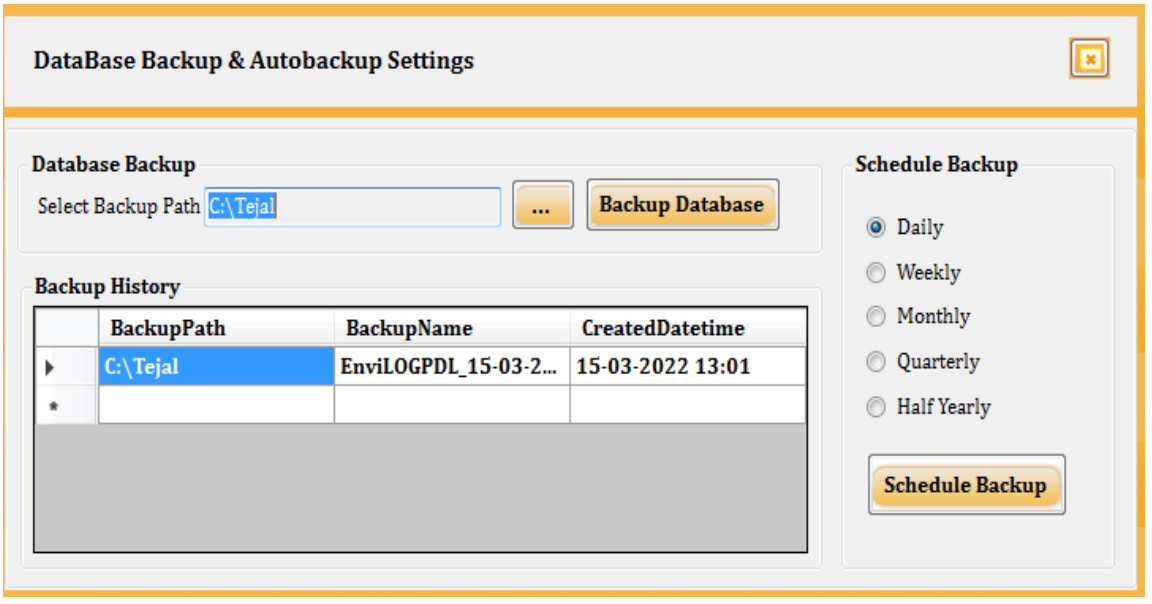
Database backup and archive:

Expect from last date it will delete all data from database table & it will take automatically backup before deleting data.

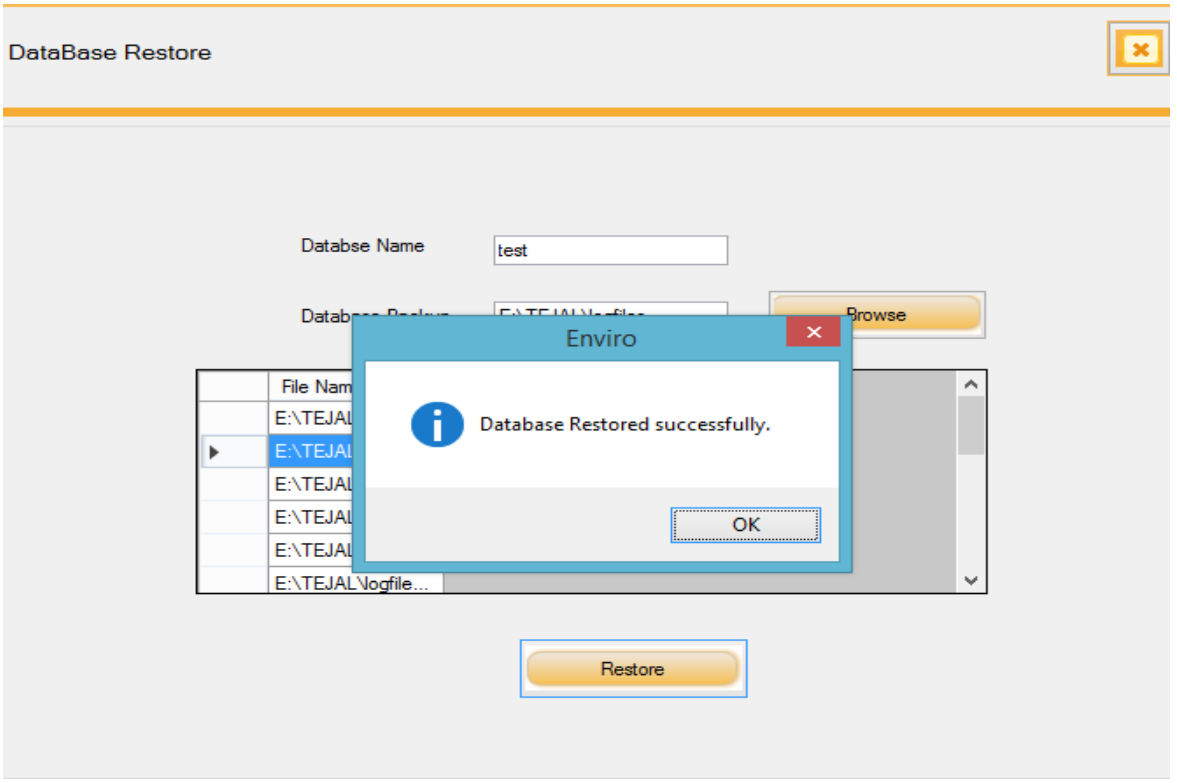
3. **Database Restore:** Database restore is used for restoring the entire project database by selecting the backup files from the folder. The database name should not be same like existing database name.



Below image indicates For Naming Restoring database and selecting the back-up path give the any name of database, Select that folder where backup file is exist.



After complete database procedure will get database restore successfully message.



HELP

In help, admin can see user manual of software and in about us Software Version, Release Date and company information is displayed.

PRECAUTION

Read data section...Do not remove device from docket while downloading data, it will not create data. If device does not show data then remove device from docket and reinsert it again and download data once again.

BATTERY CONSUME

In this feature device display will turn off (will not show reading) to optimize battery usage, still in this mode though device display if off at the backend device stores data in its memory as per set configuration. User can wake up device by pressing any key, this will wake device for mentioned period of time and will turn off device again.

If we uncheck alarm LED option and check display on time option then it will save more battery.

If we click on Program Logger button then the settings will be configured for only single device only.
If we click on Load Template button then the settings will be configured for more than one devices.

For Single Device:
When we click on program logger button then the popup message will be displayed as are you sure?
It will configure only single device if you want to configure mare than one device please click on 'Load Template' button.
When the above message is displayed and we click on ok button then password form will open where we have to enter the password. This password will be the user login password.
After entering password click on verify button as soon as we click on verify button then this will erase all old data from device. Do you want to save configuration? Message will be displayed.
After that user needs to click on Yes button to proceed. After performing this action it will give alert message about configure details of device.
When this alert message is displayed means the settings have been configured to the device.
After successfully configuration user need to remove device from docket. Device store setting after removing it from docket and device detach from PC detect mode. After that only device will start the logging of data.

For more than one device:
When we click on program logger button then the popup message will be displayed as except device Name and Serial number all setting will be loaded to all connected device.
When the above message is displayed and we click on ok button then password form will open where we have to enter the password. This password will be the user login password.
After entering password click on verify button as soon as we click on verify button then this will erase all old data from device. Do you want to save configuration?
Message will be displayed.
After that user needs to click on Yes button to proceed.

After successfully configuration user need to remove device from docket. Device store setting after removing it from docket and device detach from PC detect mode. After that only device will start the logging of data.