

# Tracking DB



# Contents

- Slide 4 Discussion
- Slide 5 What to look for
- Slide 6 Main Landing Page
- Slide 7 Main Page
- Slide 8 Support Tables
- Slide 9 Lake Levels Table View

# Contents

- Slide 10 Temperature Tracking Table View
- Slide 11 Table More Button
- Slide 12 Temp Tracking Detail View
- Slide 13 Plugins
- Slide 14 Happy Ending

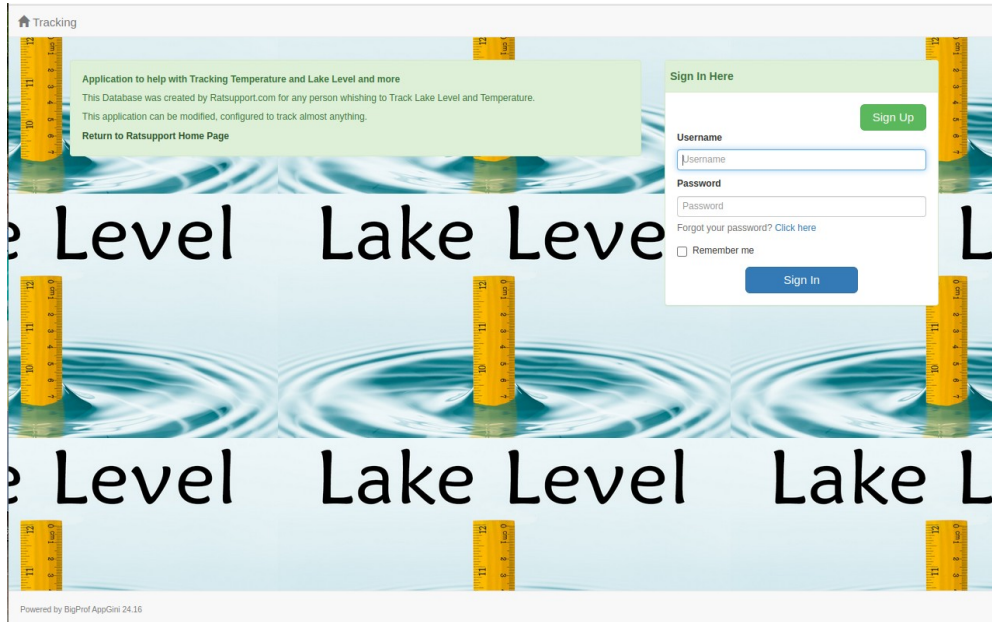
# Discussion

- The Tracking Database Application was created using MySQL, Appgini app and various programming applications to be used with a Web Server.
- By using this type application more than one person can have access to this application and make changes at the same time without additional programming or loading of applications to computers. These applications use the browsers of the users device.
- The purpose for this Database is to allow a user or business to track Temperature and Lake Levels but can be configured to track almost anything.
- This Presentation only shows information that is for this application, login, register and usage is in another [publication found on the Ratsupport.com website](#).
- Please realize that this is the basic configuration of this application and it is very configurable.
- This Database Application is made of up Tables with Records that have a number of fields in them. These Tables are separated by Tabs (Blue) that allow for according effect to separate Tables into logical groupings.
- To view the data in a Table the user needs to click on the Table Button and view the Table View of the data. For Data Entry the user will select a record or push the Add New Button (green).

# What to look for

- There are common things throughout this Database Application and you might want to check them out.
- The person's head in a circle (upper right) is the user's menu and has things like messages, profile information and allows for changing of the user's password.
- Most tables have a + and a circle with a number inside. This allows the user to add data to the table and shows the number of records in that table.
- The Quick Search on the Main Page is for searching Tables and not records. If the user opens a Table in Table View they will see a Quick Search for searching records.
- This database applications has some tables that are similar so I will not be showing all in this Presentation.
- There are different permissions for different users that can be setup by the Manager or Administrator of the Application. This means that not all Tabs or Tables may not be visible to all users.

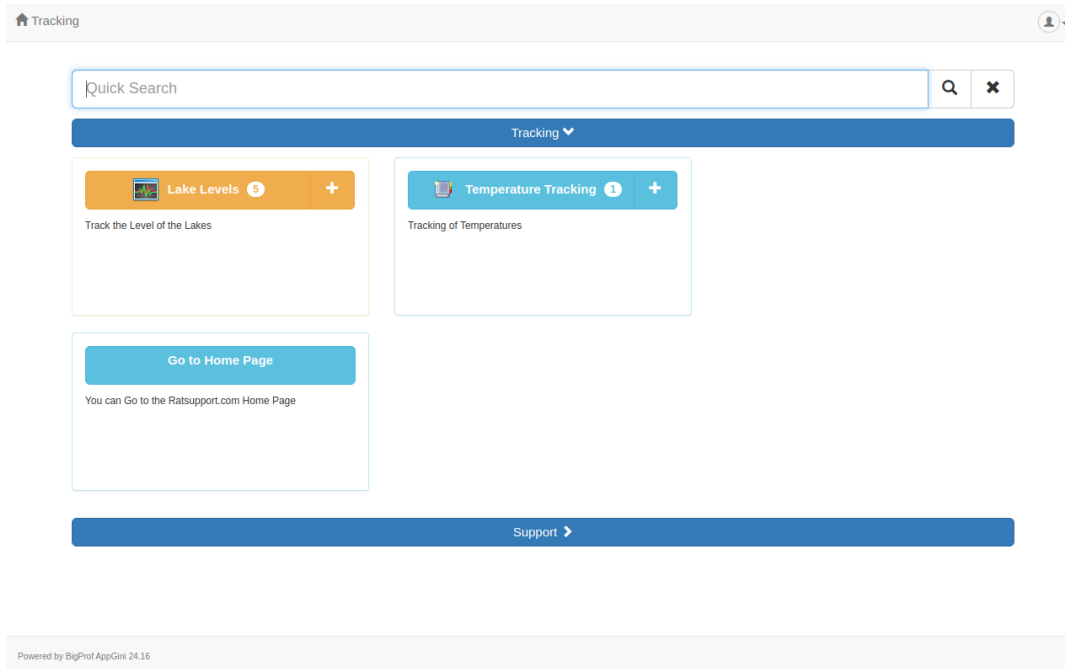
# Main Landing Page



When a user places the proper link to the mileage database into their URL of their browser they will see this Landing Page.

This page allows for the user to Sign In to the database application if they are registered or allows them to Sign Up and register. Sign Up will require some administrator action so the user must wait until notified.

# Main Page



This main page shows a number of Blue Tabs and the Lake Levels and Temperature Tracking Tables.

You can also click on the Go to Home Page to navigate to the configured web page.

Some of the buttons and tabs only show up if you are an administrator. The Admin Area Button (Red) and the Admin Tab will not show for other users.

# Support Tables

The screenshot displays a web application interface for tracking data. At the top, there is a 'Tracking' header with a search bar and a user profile icon. Below the header, there are two main navigation bars: 'Tracking' and 'Support'. The 'Support' section contains several cards, each representing a support table:

- Lake** (3): Information on this Lake
- Level Bases** (2): Table to hold level base info
- Lake Cameras** (1): Lake Cameras is a support table allowing for more than one Webcam to be at one Lake
- Location** (3): Locations for use in Database, Reduces Data Entry and Space
- Measuring Devices** (3): Devices for Measuring
- Temperatures** (5): Temperatures being tracked
- Temperature Locations**: Locations where Temp Data is Collected
- Units** (2): Units ie Degrees, Celsius

At the bottom left, it says 'Powered by BigProf AppGini 24.16'.

The support tables are available (with permission) for the user to access and view. Normally they will not be necessary as the data in these tables can be entered via the Detail View of the Lake Levels and Temperature Tracking Tables.



# Lake Levels Table View

Tracking Tracking Support

Lake Levels Quick Search

Add New Print Preview Save CSV Filter Show All

Lake	Date	Time	Lake Level (Feet)
<a href="#">Lake Folsom : Folsom Lake State Recreation Area : Folsom</a>	7/20/2024	08:29:11 am	440.99
<a href="#">Lake Oroville : Lake Oroville : Oroville</a>	7/20/2024	07:55:49 am	868.59
<a href="#">Lake Shasta : Lake Shasta : Redding</a>	7/19/2024	11:20:53 am	1035.51
<a href="#">Lake Folsom : Folsom Lake State Recreation Area : Folsom</a>	7/19/2024	11:14:09 am	441.62
<a href="#">Lake Oroville : Lake Oroville : Oroville</a>	7/19/2024	09:30:43 am	869.20

Records 1 to 5 of 5 Records per page 10

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The Lake Levels Table View gives the user the ability to search, view the current data in this table.

By clicking on one of the Record links (fields) the user can open the Detail View.

If the user has permission they will be able to save the table data in a CSV file or even see the SQL instructions for this table.

The user can also filter out selected records by using the filter button and filling out the desired info.

# Temperature Tracking Table View

The screenshot shows a web application interface for "Temperature Tracking". At the top, there is a navigation bar with "Tracking" and "Support" links. Below the navigation bar, the main content area is titled "Temperature Tracking" and includes a "Quick Search" input field. A toolbar contains buttons for "Add New", "Print Preview", "Save CSV", "Filter", and "Show All". The main data area displays a table with the following structure:

Tracking Person	Location	Temperature Tracking Notes	Temperatures
<input type="checkbox"/> Richard C Anderson	Richard's House : Oroville	Using Acu Rite Weather Station MDL 00589-RX for outside Temp and Humidity Using Thermo Pro for inside Temp and Humidity	<a href="#">4</a> <a href="#">↻</a>

Below the table, it indicates "Records 1 to 1 of 1" and "Records per page 10". At the bottom left, there is a footer that reads "Powered by BigProf AppGini 24.16".

The Temperature Tracking Table View give the user the ability to search, view the current data in this table.

By clicking on on one of the Record Links (fields) the user can open the Detail View.

If the user has permission they will be able to save the table data in a CSV file or even see the SQL instructions for this table.

The user can also filter out selected records by using the filter button and filling out the desired info.

# Table More Button

If the user selects one of the check boxes to the left of a record or the all check box a More Button will show up and allow the user to do a few more functions.

The user can also change the number of records shown on the page at one time in the lower right of the page.

The screenshot displays a web application interface for tracking temperatures. At the top, there is a navigation bar with links for 'Tracking', 'Support', 'Admin', 'Import CSV data', and 'Admin Area'. Below this is a search bar and a 'More' button. The main content area features a table with the following columns: MeasuringDevice, Date, Time, Humidity Inside (%), Thermostat Setting, and Temperature. The table contains five rows of data, each with a checkbox in the first column. A dropdown menu is open above the table, showing options: 'Print Preview Detail View', 'Delete', 'Change owner', and 'Add more actions'. At the bottom right of the page, there is a 'Records per page' dropdown menu set to 10.

	MeasuringDevice	Date	Time	Humidity Inside (%)	Thermostat Setting	Tem Insit	Wind Speed (mph)	Temperature Outside	Humidity Outside (%)	Unit	
<input checked="" type="checkbox"/>	Temperature Tracking										
<input checked="" type="checkbox"/>	Richard C Anderson : Richard's House : Oroville	Acu-Rite : Model 00589-RX	7/20/2024 07:47:45 am	34	75.00			0.00	77.00	50	Degrees Fahrenheit :
<input checked="" type="checkbox"/>	Richard C Anderson : Richard's House : Oroville	Thermo Pro :	7/20/2024 07:46:38 am	37	75.00	71.40	-3.60				Degrees Fahrenheit :
<input checked="" type="checkbox"/>	Richard C Anderson : Richard's House : Oroville	Acu-Rite : Model 00589-RX	7/19/2024 11:06:32 am	34	75.00	74.80	-0.20	4.00	94.00	30	Degrees Fahrenheit :
<input checked="" type="checkbox"/>	Richard C Anderson : Richard's House : Oroville	Acu-Rite : Model 00589-RX	7/19/2024 10:50:04 am	35	75.00	78.00	3.00	1.00	92.00	31	Degrees Fahrenheit :
<input checked="" type="checkbox"/>			7/19/2024 10:02:22 am			77.90			90.00		

# Temperature Tracking Detail View

Temperature Tracking Add New

Temperature Location Details

Temperatures

ID 1

Tracking Person

Location

Temperature Tracking Notes

Save Changes

Back

Print Preview

Delete

Temperature Tracking	MeasuringDevice	Date	Time	Humidity Inside (%)	Thermostat Setting	Temperature Inside	Inside Temperature Difference	Wind Speed (mph)	Temperature Outside	Humidity Outside (%)	Unit
Richard C Anderson : Richard's House : Oroville	Acu-Rite - Model 00589-RX	7/20/2024	07:47:45 am	34	75.00	72.00	-3.00	0.00	77.00	50	Degrees Fahrenheit :
Richard C Anderson : Richard's House : Oroville	Thermo Pro	7/20/2024	07:46:36 am	37	75.00	71.40	-3.60				Degrees Fahrenheit :
Richard C Anderson : Richard's House : Oroville	Acu-Rite - Model 00589-RX	7/19/2024	11:06:32 am	34	75.00	74.80	-0.20	4.00	94.00	30	Degrees Fahrenheit :
Richard C Anderson : Richard's House : Oroville	Acu-Rite - Model 00589-RX	7/19/2024	10:50:04 am	35	75.00	76.00	3.00	1.00	92.00	31	Degrees Fahrenheit :

Records 1 to 4 of 4

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The Table View is where a user does most of their data entry, saving and deleting of records.

This view is using the 2 column look but can be changed to 1 column by selecting the one column button.

Not all user will have permission to do all functions. Some users may not be able to Delete data in records and in that case the Delete button will not show up.

# Plugins

- The Tracking DB and other Ratsupport.com Database Applications are created by using the Appgini app. Appgini also has a number of Plugins to make a few things a bit better and allow for ease of use.
- Some of the plugins are: Calendar, Mass Update, Messages, Search Page Maker and Summary Reports.
- These Plugins can be added to any application with extra configuration.

# Happy Ending



I hope this Presentation helped you understand how to use this database.

If you have questions, comments or suggestions please feel free to [Contact Us](#).

For more information on how to use any of the Ratsupport.com's applications please check out our [Basic Use of Database Applications](#) on the Ratsupport.com website [Education Page](#) under Database Applications.