Desktop Application
User Manual

Version 1.5

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Installing Kare Desktop Application

The Files

The first time you see the Kare desktop application will be a folder as seen in Figure 1. This folder will be placed on your computer and contains everything you need to use the desktop portion of this application.
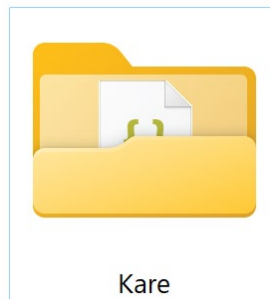
Figure 1 : The Kare Desktop Application Folder

When this folder is opened you will see all the working parts of the application. You do not need to be concerned with anything here except "kare_app" which is what does all the work. It is very important that all these items (images, database, kare_app) remain in the same folder for the application to work properly. You can see the contents of the care folder in Figure 2.
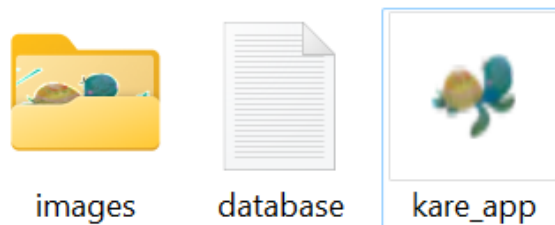
Figure 2: Contents of the Kare Folder

At this point, the next step is to open the Kare desktop application. That is accomplished by double clicking on the sea turtle icon. As seen in Figure 3.
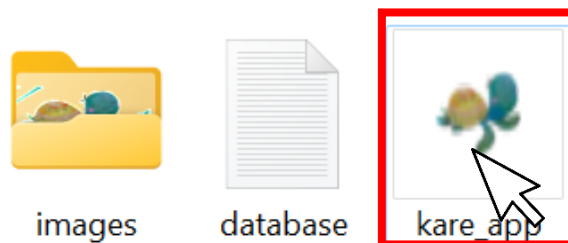
Figure 3: Start the Kare Desktop Application

The Login Page

First Look

The Login Page is the first page you will see when you open the Kare desktop application as seen in Figure 4. This page is necessary because we want to protect your private information by requiring an Email and Password to access the features inside.

Before we proceed it is important to know that your Email and Password must already be registered with the Kare mobile application to use the desktop application. There is no way to register your account with the Kare desktop application.
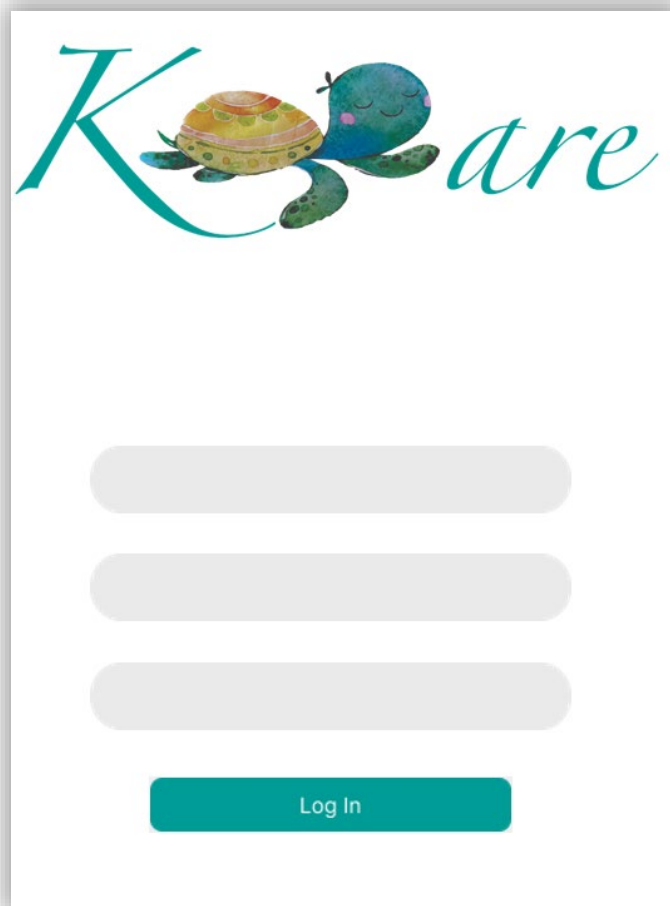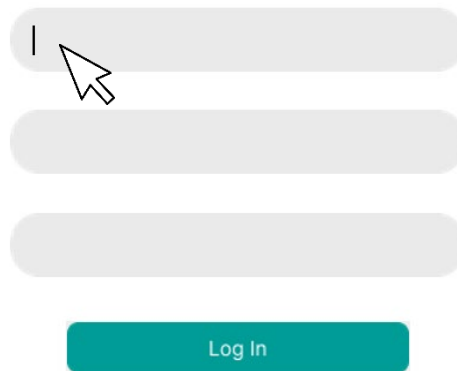
Figure 4: The Login Page

Logging In
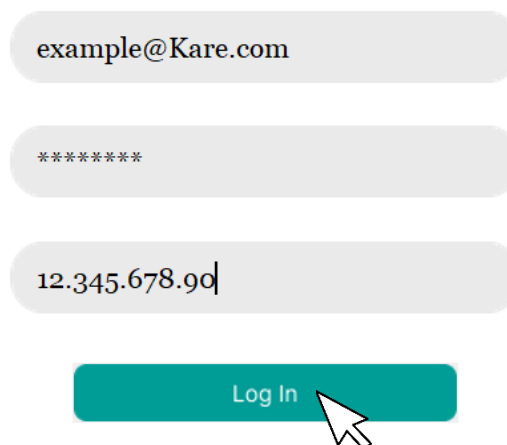
If you have already registered your Email and Password in the Kare mobile application, you may proceed to enter your credentials by selecting the text field as seen in figure 5. Click in the fields provided to activate the "|" cursor. At this point you may type in your Email. Repeat this step for your password.

Figure 5: Enter Credentials.

After you have entered your Email and Password, it is time to validate your credentials by pressing the "Log In" button as seen in Figure 6.

Figure 6: Validate Credentials

At this point you will be validated and logged into the Kare desktop application where you can proceed to access your information and the features of the application.

Invalid Login Error

If the credentials you have entered cannot be validated, because of a misspelling (or perhaps the account has not been created yet in the Kare mobile application). You will receive an "Invalid Login" error popup as seen in Figure 7.
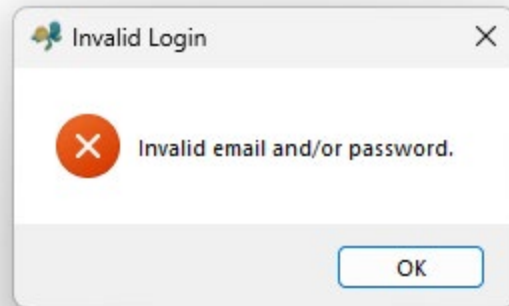
Figure 7: Invalid Login Error

You can re-enter your Email and Password as many times as you like to get the spelling correct. However, if the account has not been set up, or if you have forgotten your Email or forgotten your Password for the Kare desktop application: these are issues that can only be resolved through the Kare mobile application.

Invalid IP Address Error

If the ip address that was entered is not correct, because of a typo (or perhaps the account has not been created). You will receive an "Invalid IP Address" error popup as seen in Figure 8.

Figure 8: Invalid Ip Address Error

You can re-enter your IP Address as many times as you like to get the numbers correct. However, if the account has not been set up, this is an issue that will have to be solved first.

The Home Page

First Look

The Home Page is the page you will see after the login validation is successful. All of the options that are available for you to interact with can be seen from the Home Page as shown in Figure 9.
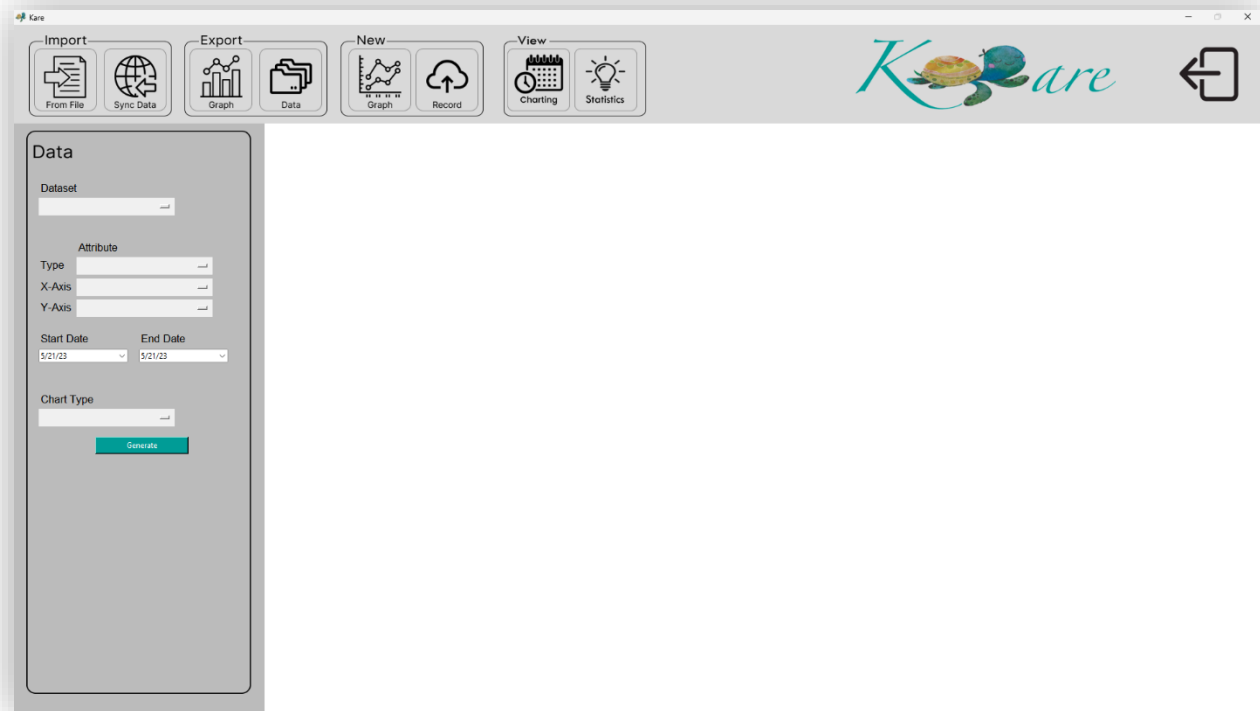
Figure 9 The Home Page

Tour of the Toolbar

The Home Page is divided into 2 main sections. The Toolbar on the top of the screen and the Canvas on the bottom part of the screen. The Toolbar has several buttons for the user to select as seen in Figure 10. What these buttons do will be gone over in the Tools section.
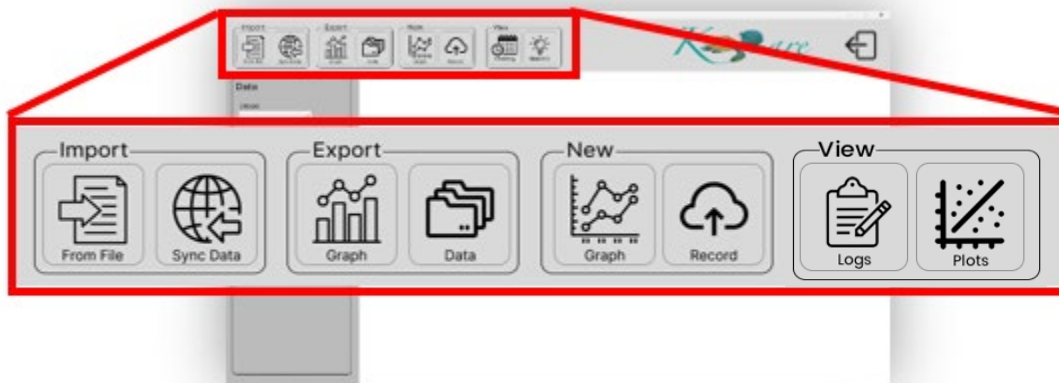
Figure 10: The Toolbar

Also located on the Toolbar is the Log Out button shown in Figure 11. The Logout Button will be gone over in the Log Out section.

Figure 11: The Logout Button

Tools

Overview

There are many different tools available to use from the Toolbar. It is important to know what they do.

Import - From File

The purpose of the "Import-From File" tool is to allow a user to access information stored locally on the desktop computer, where the Kare desktop application is being used.

NOTICE: If this is your first time using the Kare desktop application, OR if you have never used the "Import – Sync Data" tool, OR if you have never saved data locally with Kare desktop using the "Export - Data" tool. There will be no file to use the "Import – From File" tool. If you have used the "Import – Sync Data" or the "Export – Data" tool you will have a file available to use the "Import – From File" tool.

The "Import – From File" tool is located on the Toolbar and can be identified by the icon shown in Figure 12.
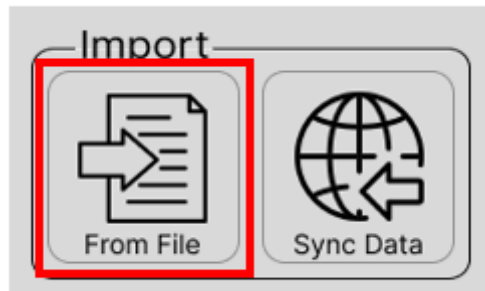
Figure 12: Import From File Tool Icon

Select this icon with the cursor to open the "Select a File" Dialog box as seen in Figure 13
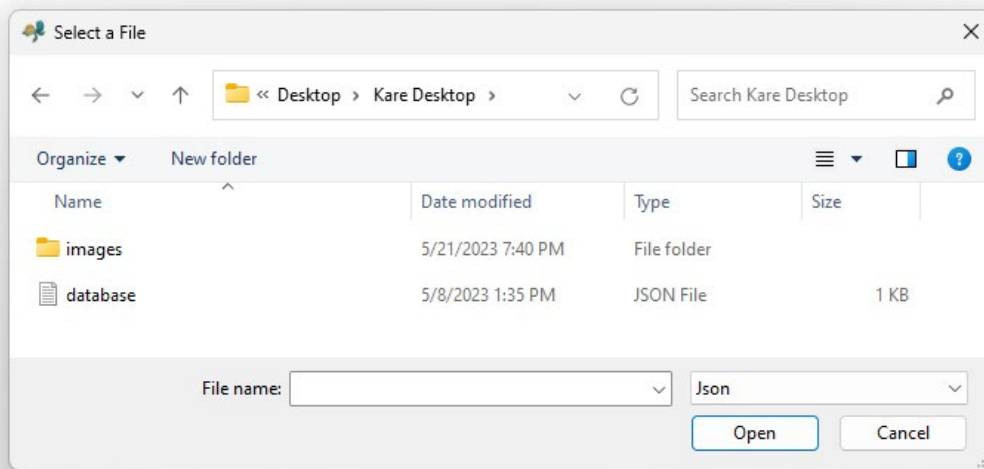
Figure 13: Select a File Dialog

When you have opened the "Select a File" dialog by selecting the "Import – From File" icon you will have the option to select a data file to access the information stored inside. Choose an appropriate JSON type file by selecting it with the cursor as seen in Figure 14.
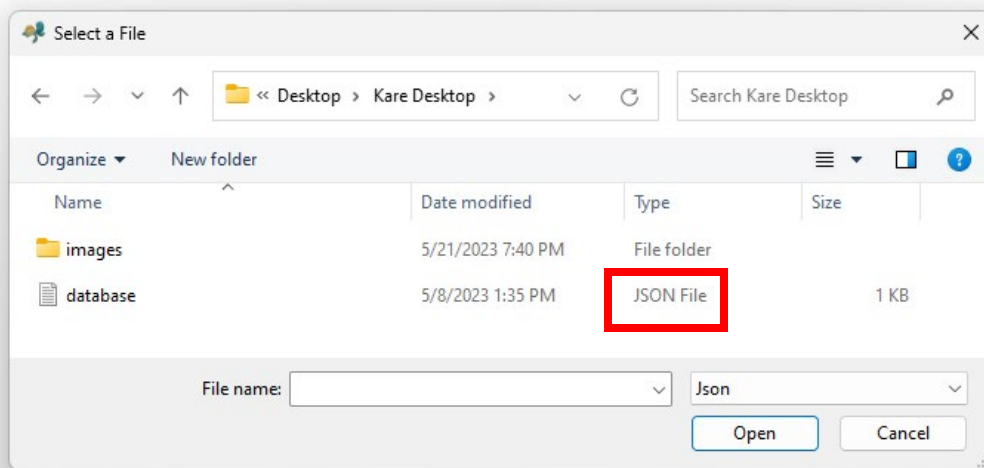
Figure 14: Select a JSON file

Once an appropriate JSON file has been selected the file may be opened into the Kare desktop application by pressing the "Open" button as seen in Figure 15.
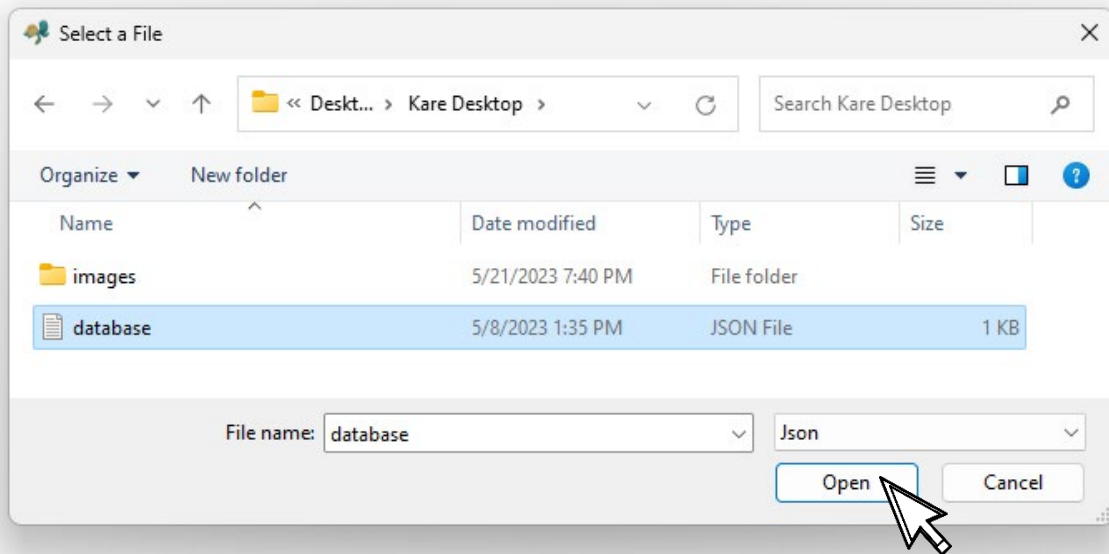
Figure 15: Choose JSON file and Open

You are now free to use the data saved in the selected file inside the Kare desktop application.

Import – Sync Data

The purpose of the "Import_ Sync Data" tool is to allow a user to access information stored on the server database. This information will contain any data that was entered using the Kare mobile application.

The "Import - Sync Data" tool is located on the Toolbar and can be identified by the icon shown in Figure 16.
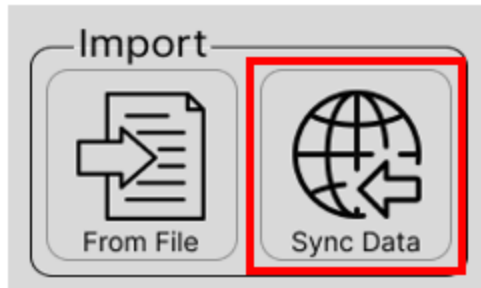
Figure 16: Import Sync Data Tool Icon

Select this icon with the cursor to use the "Import – Sync Data" tool. These are all the steps a user needs to take to access data that was saved to the server database using the Kare mobile application. The information will now be available to use with tools on the Kare desktop application.

Export -Graph

The purpose of the "Export – Graph" tool is to allow the user to save a graph created in the Kare desktop application using the "New – Graph" tool to be saved permanently and locally on the desktop computer.

NOTICE: The user must first create a plot or graph using the "New – Graph" tool OR the "View -Statistics" tool before a graph can be saved.

The "Export - Graph" tool is located on the Toolbar and can be identified by the icon shown in Figure 17.

Figure 17: Export Graph Tool Icon

Select this icon using the cursor to use the "Export – Graph" tool. The user will be presented with the "Save As" dialog as seen in Figure 18.

Figure 18: Save As Dialog

The user can now choose a location and a name for the graph that is to be saved and save it permanently by selecting the "Save" button as show in Figure 19.

Figure 19: Name and Save Graph

Export - Data

The purpose of the "Export – Data" tool is to allow the user to save data permanently and locally on the desktop computer.

The "Export - Data" tool is located on the Toolbar and can be identified by the icon shown in Figure 20.
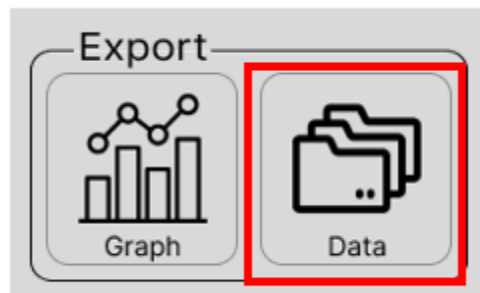
Figure 20: Export Data Tool Icon

Select this icon using the cursor to use the "Export – Data" tool. The user will be presented with the "Save As" dialog, shown in Figure 21.
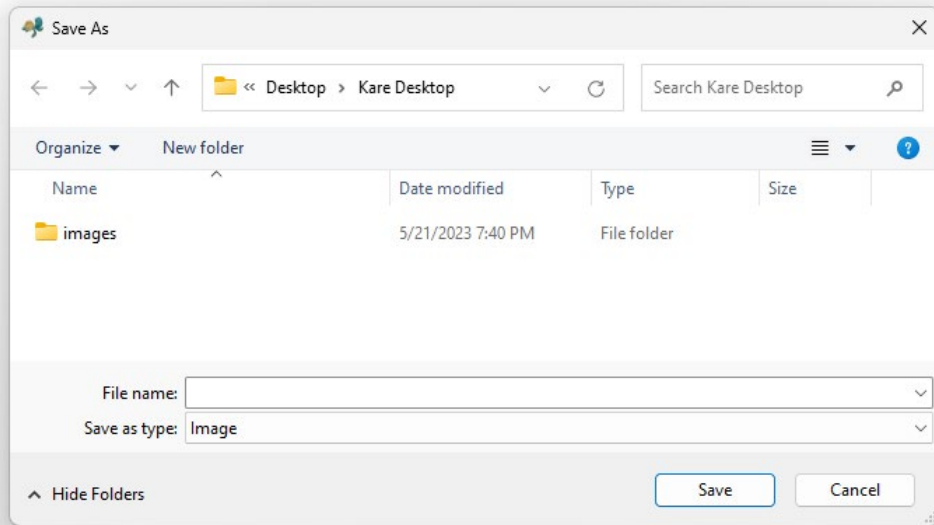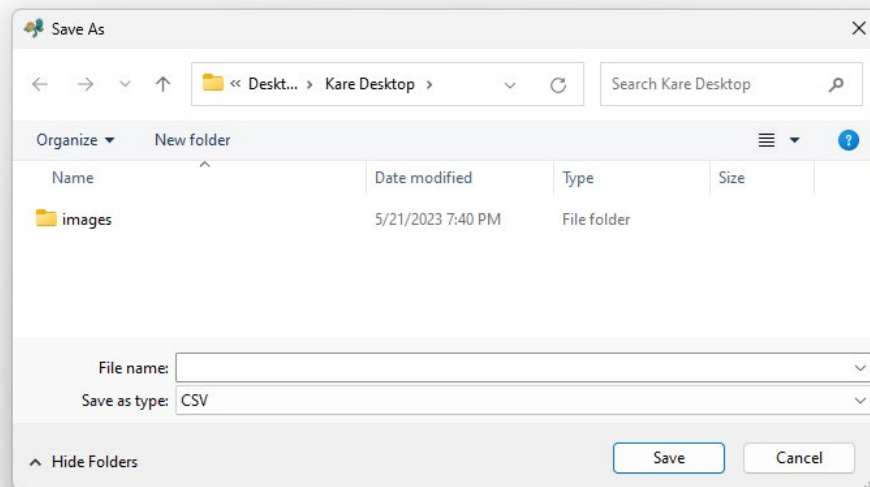

Figure 21: Save As Dialog

There is an option to choose between CSV and JSON file types, shown in Figure 22.
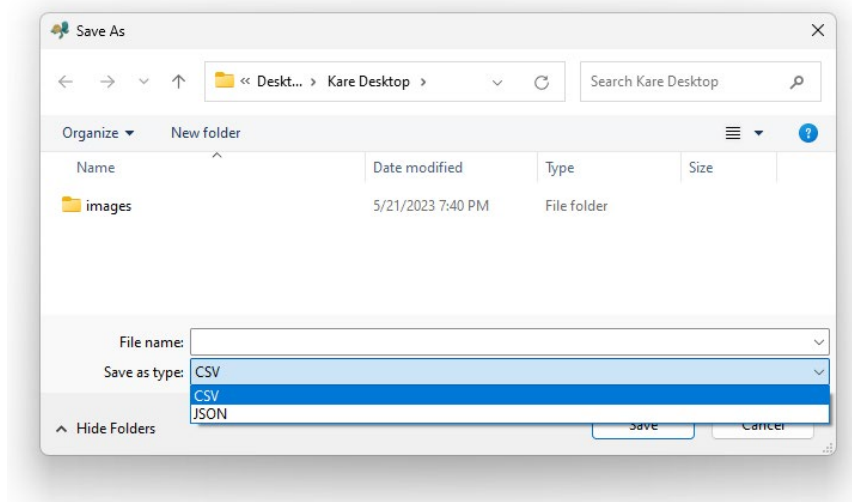
Figure 22: Choose CSV or JSON File Type.

NOTICE: The CSV file type is a common file type that can easily be opened and read by other programs such as Microsoft Office *Excel* OR Google *Sheets* OR Open Office *Calc*. CSV is a good file type for data that will make it easy to share with doctors or other caregivers if that person does not have access to the Kare desktop application.

NOTICE: The JSON file type is a specialized file type that is used by the Kare desktop application. JSON is a good file type for data that will be used exclusively with the Kare desktop application.

The user can now choose a location and a name for the data that is to be saved, and save it permanently by selecting the "Save" button, shown in Figure 23.
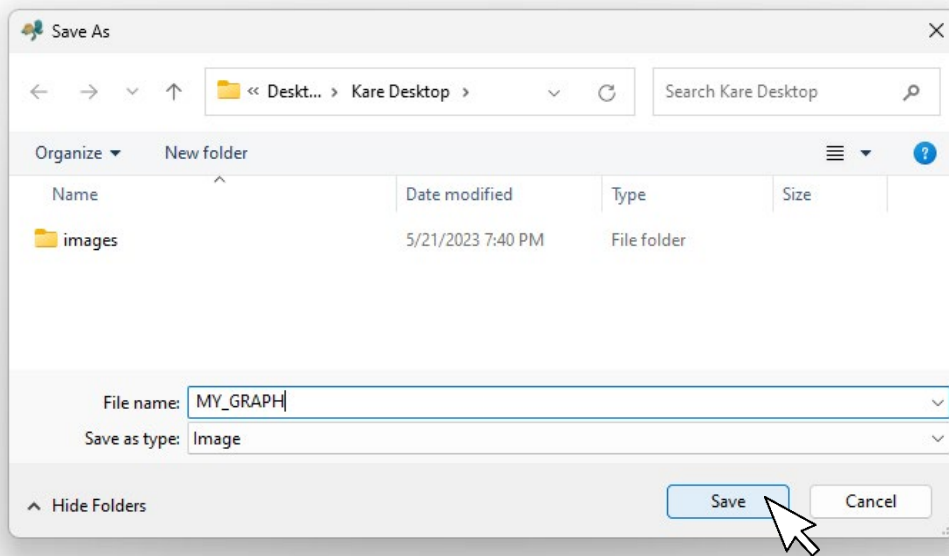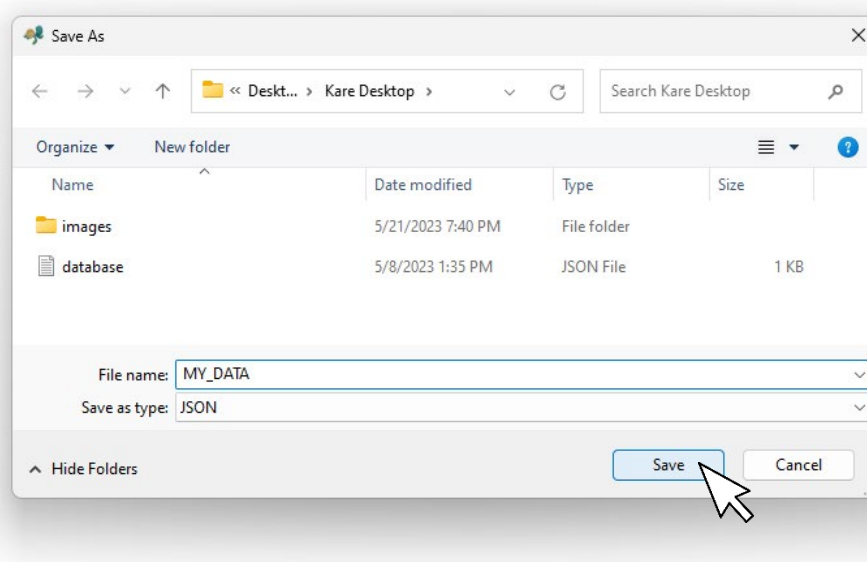

Figure 23: Name and Save Data

New - Graph

The purpose of the "New - Graph" tool is to allow the user to create graphs and plots using data collected using the Kare mobile or Kare desktop applications.

The "New- Graph" tool is located on the Toolbar and can be identified by the icon shown in Figure 24.
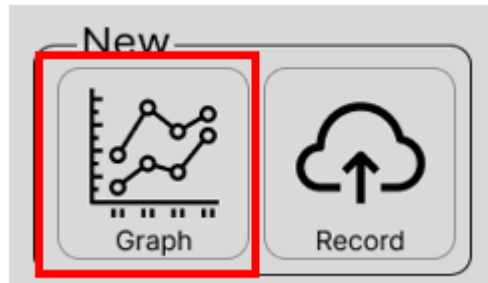
Figure 24: New Graph Tool Icon

NOTICE: The "New – Graph" tool is active on the homepage automatically when the log in is verified. Unless the user has navigated away from the homepage after logging in there is no need to select this button using the cursor.

The user can verify that the "New-Graph" tool is ready to use by verifying that the "Data" controls are available, shown in Figure 25.
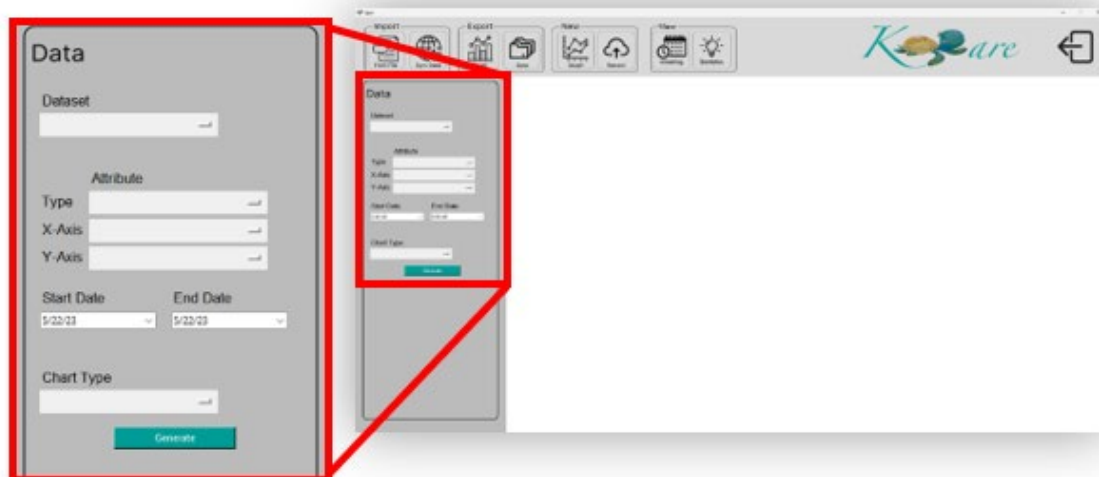
Figure 25: Data Controls

To create a new plot or graph, the user must follow 6 steps.

Step 1: Use the cursor to select the dataset that will be referenced for the visualization, as shown in Figure 26.
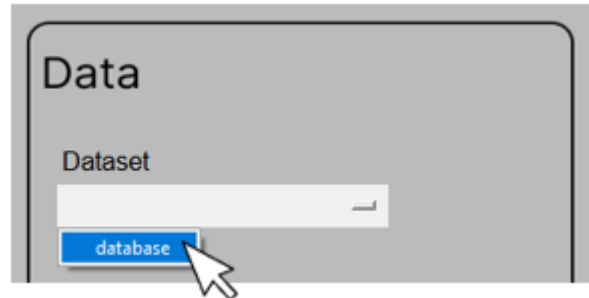
Figure 26: Select Dataset

NOTICE: If there is no dataset to select in the Dataset drop down, the data must first be synced using the "Import -Data Sync" tool which was covered in a previous section.

Step 2: Use the cursor to select what information will be on the plot or graph by selecting the Attribute Type, shown in Figure 27.
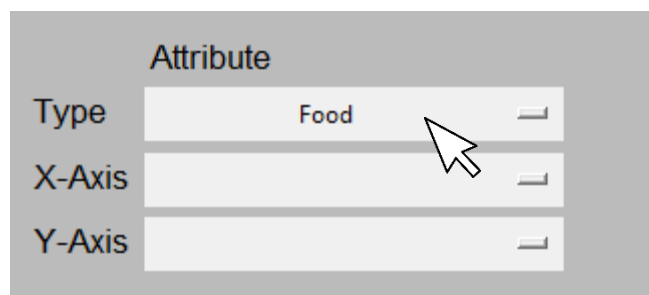
Figure 27: Select Attribute Type

Step 3: Use the cursor to select what data will be tracked on which X- Axis and Y-Axis, as show in Figure 28.
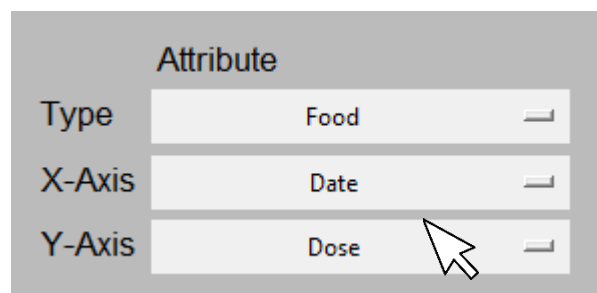
Figure 28: Select X and Y Axis

Step 4: Select the Start Date and End Date for the desired time-period, which can be accomplished using the Calendar drop down as shown in Figure 29.
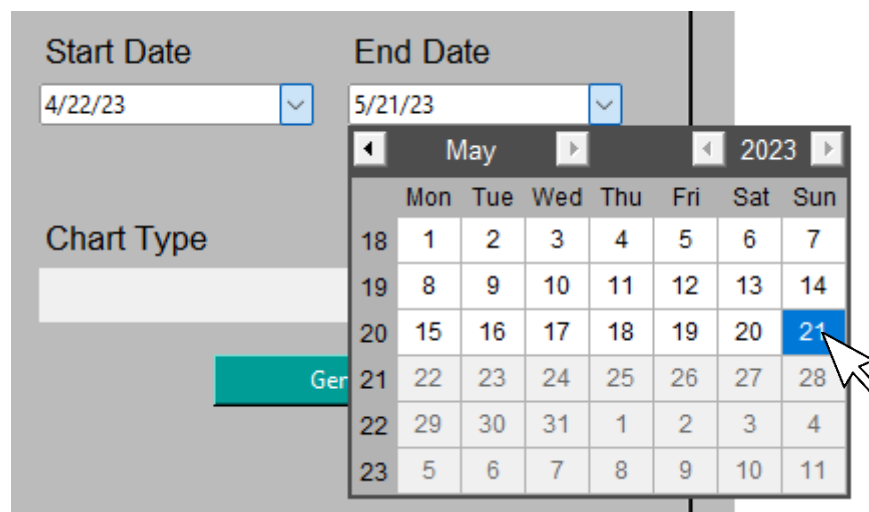
Figure 29: Select Start Date and End Date

NOTICE: The dates can be selected in 3 ways:

The first way is to simply not change anything. The Kare desktop app will select all available days with the Attribute that was selected in Step 1.

The second way is to select the date using the calendar drop down as show in Figure 29.

The third way is to select the field with the cursor and manually type the desired dates for the "Start Date" and "End Date".

Step 5. Select the desired chart type using the cursor as shown in Figure 30.
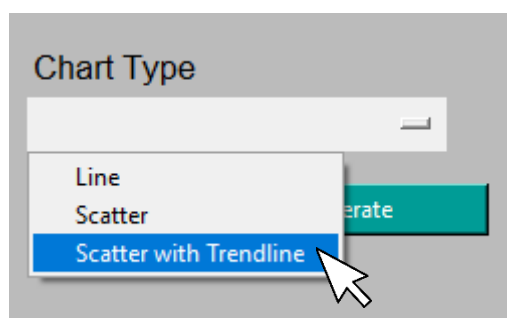
Figure 30: Select Chart Type

Step 6: Select the "Generate" button using the cursor as shown in Figure 31.
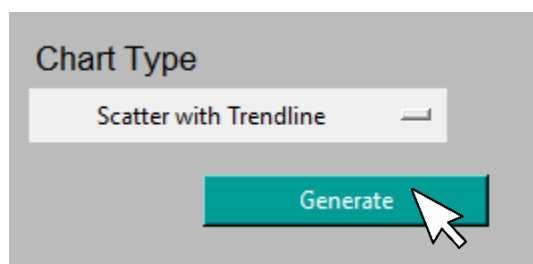
Figure 31: Select Generate Button

Now that the 6-step process has been completed, the plot or graph that was generated may be viewed, as shown in Figure 32.
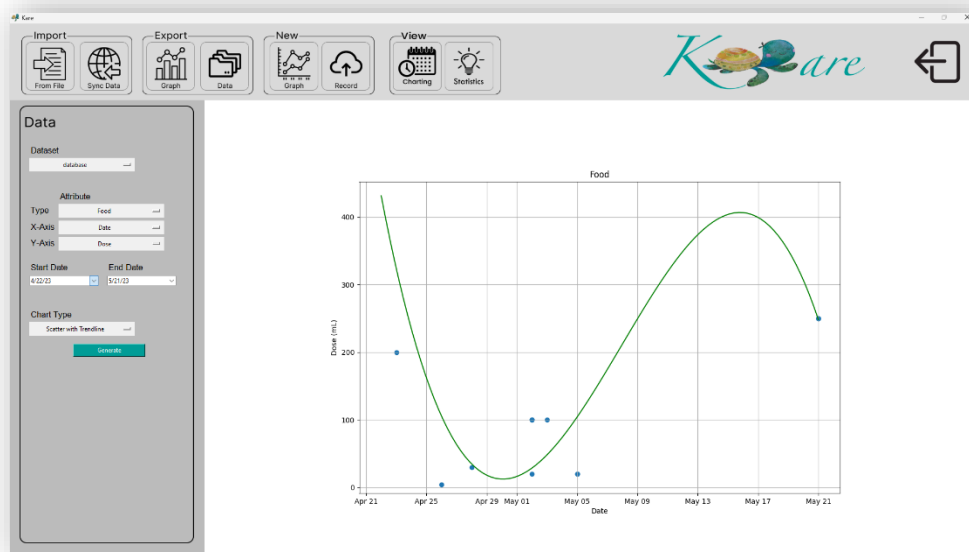
Figure 32: View Plot or Graph

NOTICE: The plot or graph is not permanent and will be lost if it is not saved. The "Export- Graph" tool must be used to permanently save the graph if that is desired. The "Export_ Graph" tool was discussed in a previous section.

New - Record

The purpose of the "New - Record" tool is to allow the user to enter new data to the dataset, by entering the data directly on the Kare desktop application.

The "New-Record" tool is located on the toolbar and can be identified by its icon as shown in Figure 33

Figure 33: New Record Tool Icon

Select this icon using the cursor to use the "New – Record" tool. The user may verify that the "New – Record" tool is ready to use by verifying that the "New -Record" controls are visible on the screen as shown in Figure 34.


Figure 34: New Record Controls

To make a new data entry using the user must follow 3 steps.

Step 1: Select the Event Type using the cursor as shown in Figure 35.

Figure 35: Select Event Type
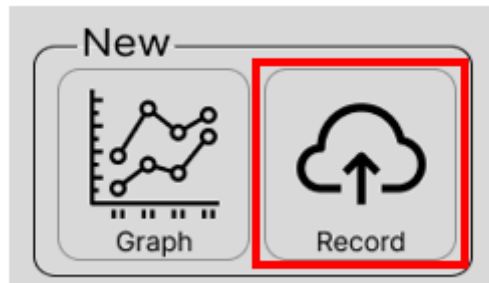
Step 2.: If the Event Type is in the *Medication* OR *Therapy* OR *Feeding* fill in all fields available to record the highest quality data. The form will provide the user with a hint for the type of data that should be filled in, as shown in Figure 37.

Figure 36: Hint for Data Entry

Step 2A: if the Event Type is *Homecare* the user will have to use the cursor to select the type of Homecare event that is being recorded as shown in Figure 37.
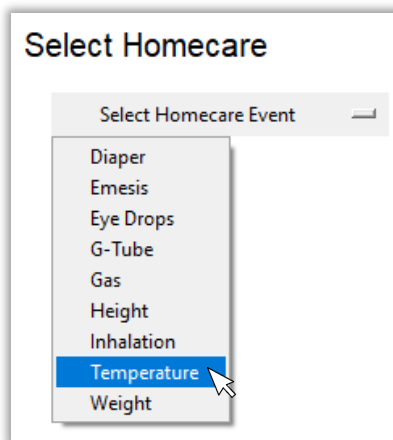
Figure 37: Select Homecare Event Type

Step 3: Select Save button with cursor. As shown in Figure 38.
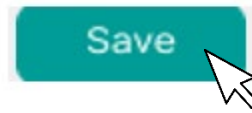
Figure 38: Data Entry Save Button

There will be a "Record Entry" confirmation popup that lets you know the new entry has been recorded. Shown in Figure 39.
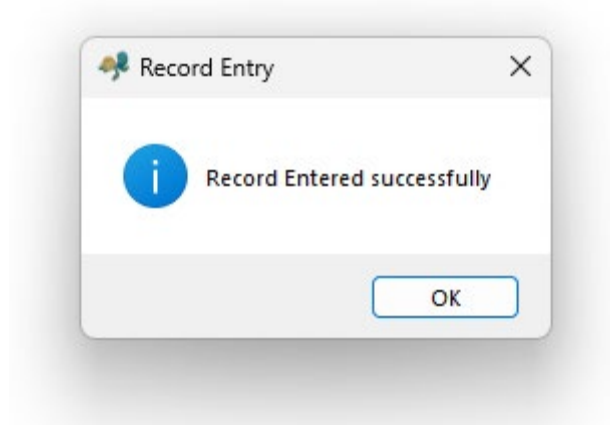
Figure 39: Record Entry Confirmation Popup

View Charting

The purpose of the "View - Charting" tool is to allow the user to see Events from the dataset and filter them by type or date for easy viewing.

The "View - Charting" tool is located on the toolbar and can be identified by its icon as shown in Figure 40.
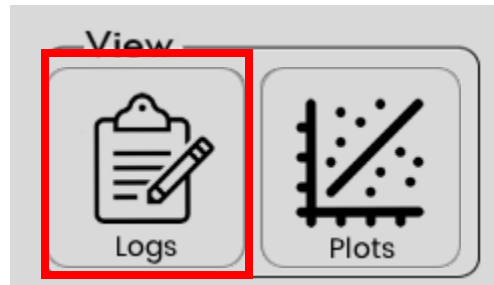
Figure 40: View Charting Icon

The user can verify that the "View-Charting" tool is active by verifying that the "View-Charting" controls are present on the screen as shown in Figure 41.
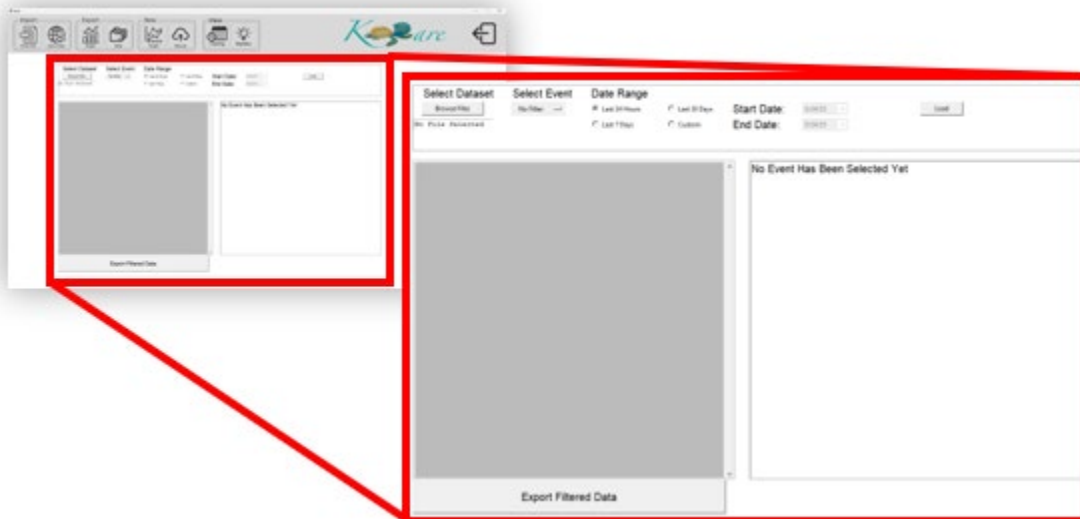
Figure 41: Charting Controls

Using the "View-Charting" tool can be summarized into 4 steps.

Step 1: Select the desired dataset from the "Select Dataset" section by selecting the "Browse Files" button with the cursor. as shown in Figure 42.
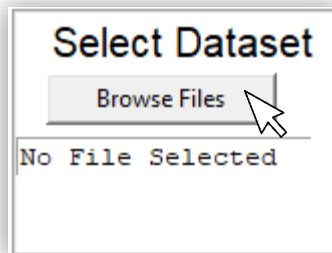
Figure 42: Select Dataset Dropdown

Step 2: The "Select Dataset File" dialog will open. Be sure to select a JSON file, and select "Open" as show in Figure 43.
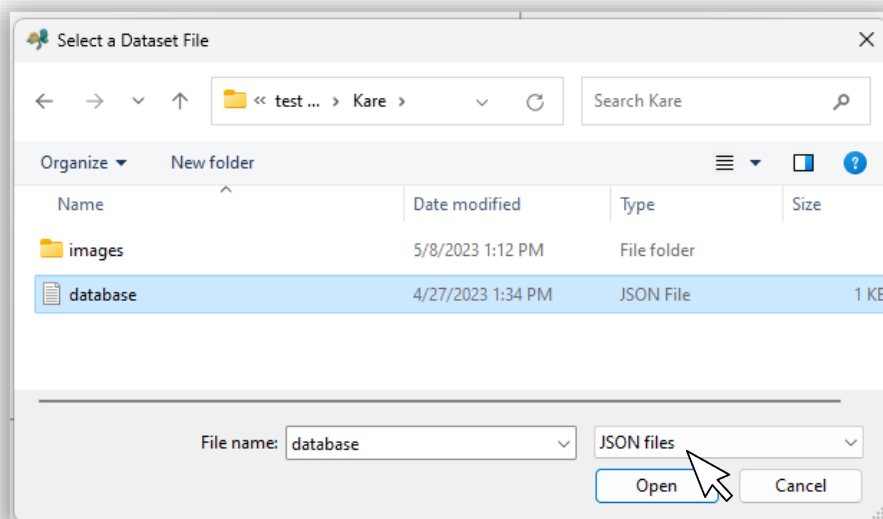
Figure 43: Select Dataset File Dialog

It is now visible that a Dataset file has been selected as shown in Figure 44.
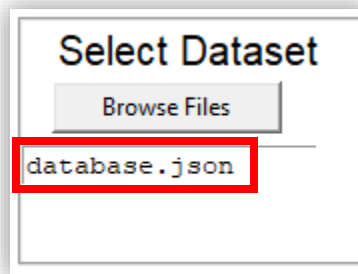
Figure 44: Dataset Selected

Step 3: Select the desired Event type from the "Select Event" dropdown as shown in Figure 45.
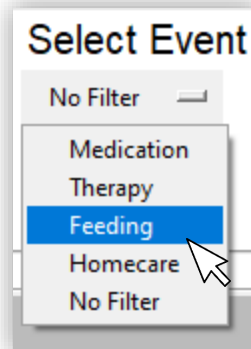
Figure 45: Select Event

Step 4: Select the desired period from the radio buttons as shown in Figure 46.
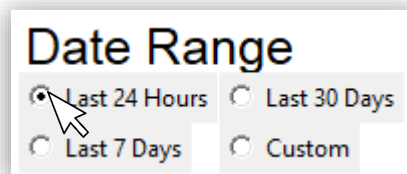
Figure 46: Date Range Radio Buttons

Step 5: Select the "Load" button to show results to the page, shown in Figure 47.

Figure 47: Load Button

The Results will now be displayed on the left side of the controls console as shown in Figure 48.
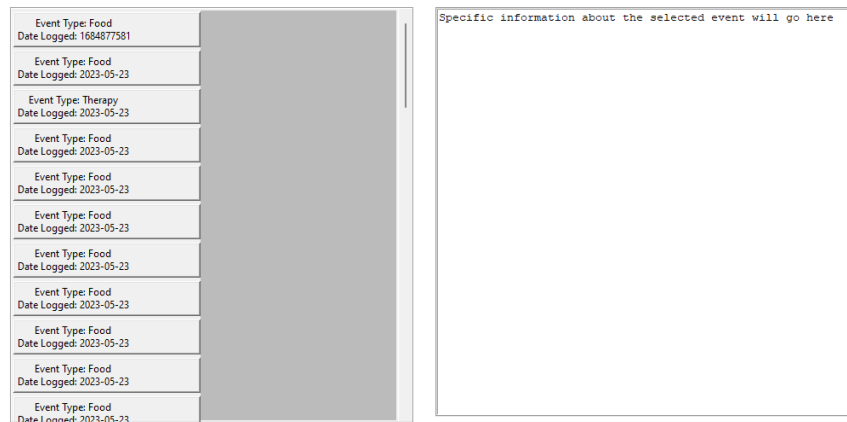
Figure 48: Loaded Results

Some events may be listed outside the window and can be navigated to by using the scrollbar as shown in Figure49.
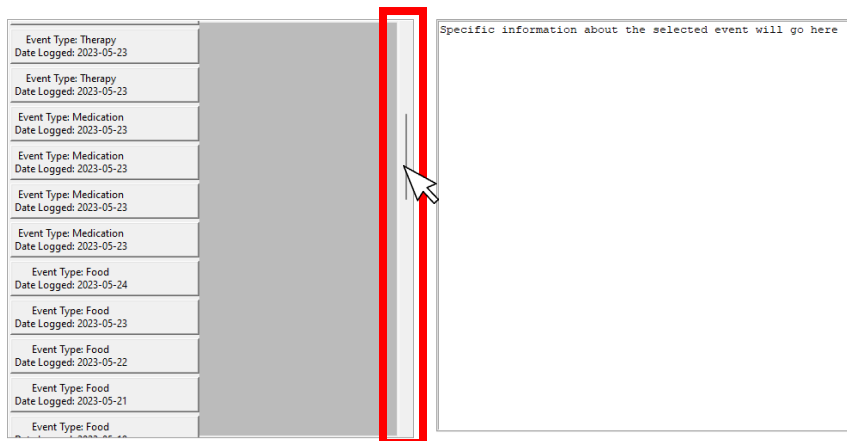
Figure 49: The Scrollbar

The user may select an event as shown in Figure 50.

Figure 50: Select Event

The event information is now displayed on the right side of the screen as shown in Figure 51.
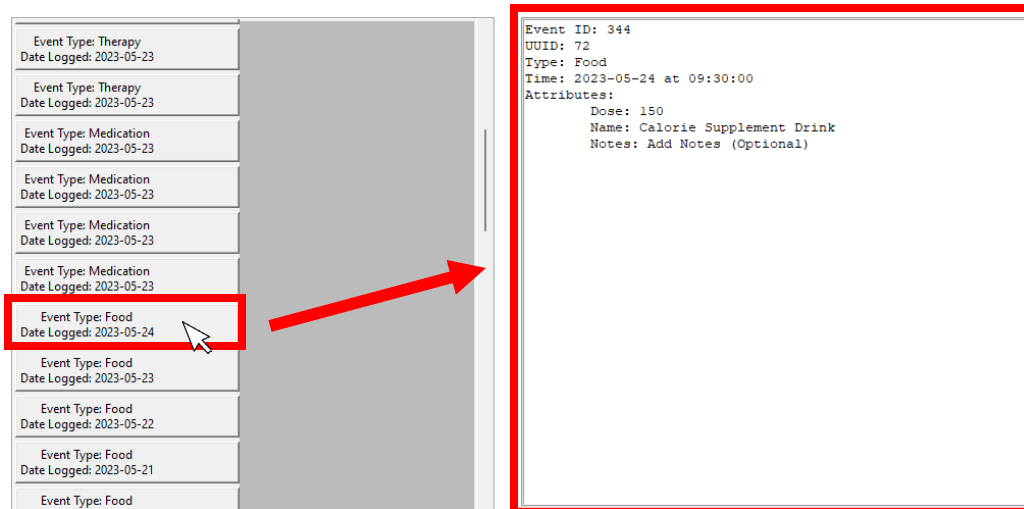
Figure 51: Selected Event is Shown

View – Statistics

The purpose of the "View Statistics" tool is for analyzing events to learn about them.

The "View- Statistics" tool is located on the toolbar and can be identified by its icon as shown in Figure 52.
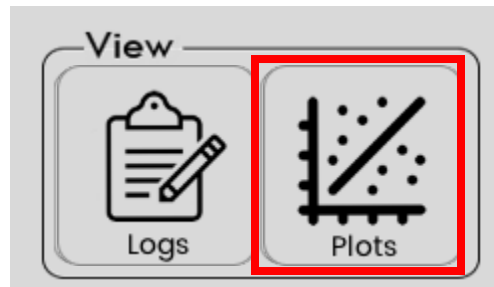
Figure 52: View Statistics Icon

The user can verify that the "View- Statistics" tool is ready to use by verifying that the "Statistics" controls are available, shown in Figure 53.
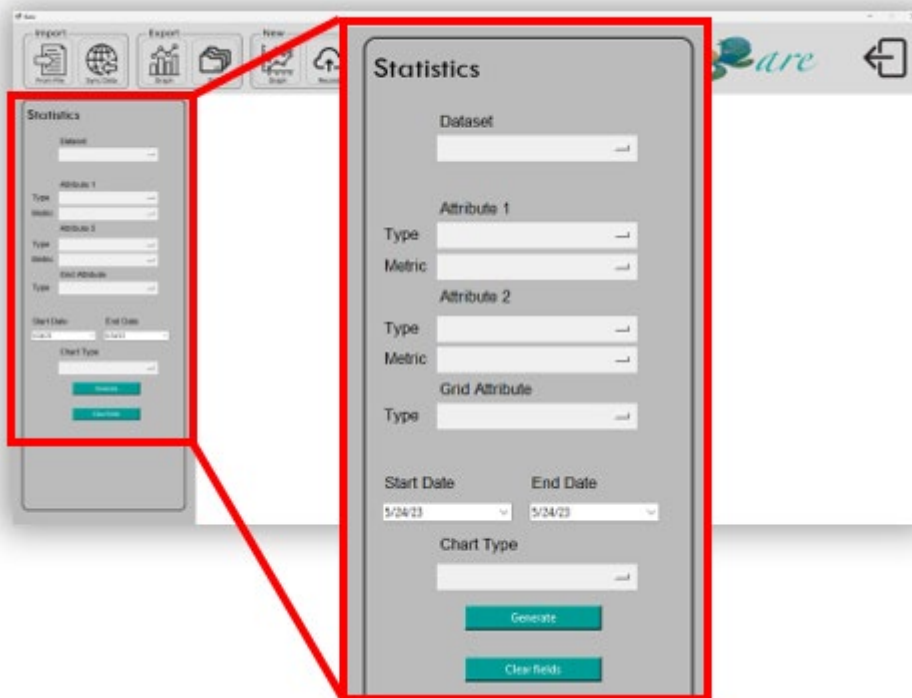
Figure 53: Statistics Controls

This will appear very similar to the "New- Graph" tool that was discussed earlier.

A statistical plot can be created in 5 Steps.

Step 1: Select the desired dataset with the cursor as shown in Figure 54.
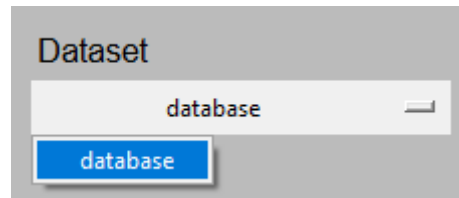
Figure 54: Select Dataset

Step 2: Select the Attributes and the metrics that are desired as shown in Figure 55.

Figure 55: Select Attributes and Metrics

Step 3: Select the type of plot that is desired. "Select Correlation" to see how the metrics are related or select "Gridline Comparison" to see a schedule with a one Metric as a time and date scatterplot and the Grid Attribute marking the occurrence of that attribute.

Step 4: Select "Generate" or "Clear Fields" Generate will create a plot in the canvas area. Clear Fields will clear all fields on the page except for the dataset. Figure 56.

Figure 56:Generate and Clear Fields Button

The output of this operation will appear in the canvas as shown in Figure 57.
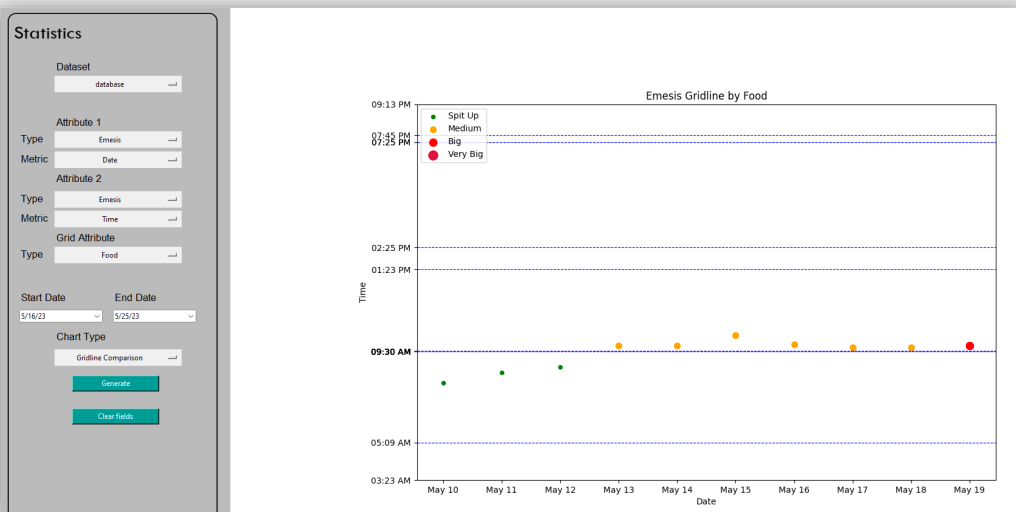
Figure 57: Sample Gridline Figure

Logout

The Importance of Logging Out.

All of the security built into the Kare desktop application is for the protection of your private data. However, all of the security can be circumvented if the application remains logged in all the time. It is the software developers' recommendation that the application be logged out in between uses to maximize security for your private information.

How to Log Out.

When a user is finished accessing the information and tools made available by the Kare desktop application it is best to log out, in order to keep the information secure.

If you are having trouble locating the "Log Out" button you can find its location under the "Home Page" section of this User Manual under "Tour of the Toolbar" seen in Figure 11. Logging Out is accomplished by selecting the "Log Out" button with the mouse cursor. as seen in Figure 58.
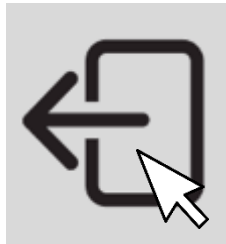
Figure 58: Log Out Button

After selecting the "Log Out" button you will be prompted with the Log Out confirmation popup, shown in Figure 59.
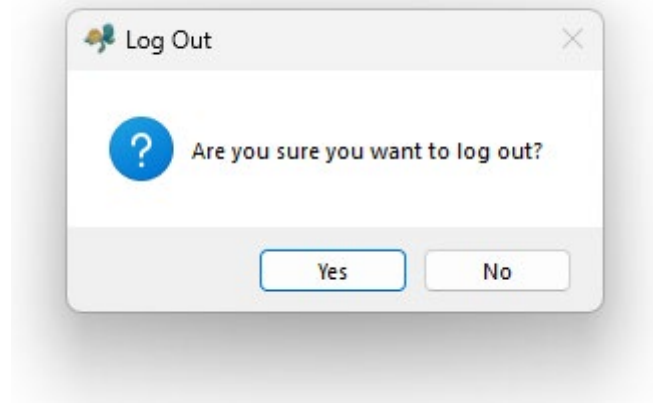
Figure 59: Log Out Confirmation Popup

Either confirm "Yes" if you wish to Log Out from the Kare desktop application or "No" if you wish to remain Logged In.

If you select "Yes" you will be returned to the "Log In" screen where the Email and Password will have to be entered and validated before the information and tools of the Kare desktop application can be accessed again.

Using Kare Desktop Application

A Typical Workflow

Users will get more out of using the Kare desktop application, and its tools by following some simple workflows. It is best to have an idea about what is going to be accomplished when using the Kare desktop app by asking some simple questions. Is the goal to copy information for a Doctor's appointment? Is the goal to record an event that was missed on the Kare mobile application? Is the goal to review past recorded data to remember a key piece of information? These are just some of the many things that can be accomplished with the Kare desktop application.

Copy Data for a Doctor's Appointment

A common use for the Kare desktop application is to save data to an easily accessible format to share with a doctor or caregiver. If this is the goal, follow these simple steps to save data locally in a permanent and easily accessible file.

Step 1: Use the Import -Data Sync tool. This will ensure that all data is up to date for the Kare desktop application.

Step 2: Use the Export -Data tool. You will be prompted to save the data to a local file. Make sure a memorable name for the file is chosen and an easy to access location on the computer is chosen for saving.

Step 2A: Make sure that the file is saved in the easy to share CSV file format.

Step 3: Access the saved file for sharing. The file has no personal data about the patient, such as Name, Birthday, or Social Security Number, however the file does contain a list of events and details about the patient which may be useful to reference for a doctor or other caregiver. Take care to handle and share this information judiciously.

Review a Caregiving Event

A common use for the Kare desktop application is to access data to check on past events for quality of care or just completeness of recordkeeping. Or perhaps it is necessary to double check that an event happened with specific details. If this is the goal, follow these steps to access and review recorded data.

Step 1: Use the Import-Data Sync tool. This will ensure that all data is up to date for the Kare desktop application.

Step 2: Use the View – Charting tool. This will give you access to an easy-to-read chart of recorded events.

Step 3: Select the Dataset, Event Filter and Data Range that is desired select the Load Button

Step 4: A list of events will be populated on the left side of the display.

Step 5: To view details of an event, simply select the event button with the cursor and all recorded details of the event will be populated on the right side of the display.

Notes

It is valuable to take notes for things that are important but difficult to remember, because they require many steps or are complex. This space has been provided for the taking of notes that may help you with the Kare desktop application.

Kare Desktop Application Notes

Kare Desktop Application Notes