

Exporting Annotations in Biomonitor

The Biomonitor now supports in-app annotations. To make an annotation, you must connect to a specific board (e.g., bio_blue), and then click the **edit** icon at the top of the screen, as shown in Figure 2. This will open up an editor. Press the **+** icon at the top to create a new time-stamped annotation, as indicated in Figure 1. Enter the annotation text into the text box on the right, and then click the left arrow at the top to return to the data display.

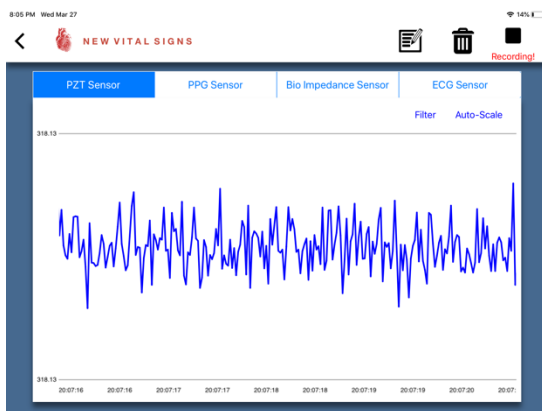


Figure 2: Click the **edit** icon at the top of the app to begin making an annotation. To delete annotations associated with a device, click the **trash can** icon.

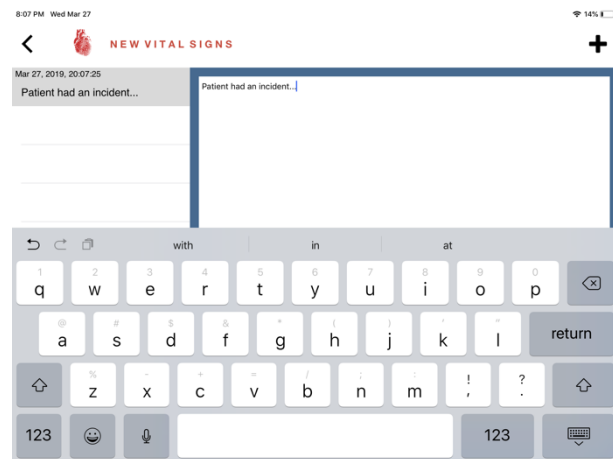


Figure 1: Add a detailed description of the incident, and then click the left arrow at the top of the screen to return to the data display.

When data collection is complete, you will need to export the annotation file to the iXpand Flash drive. To do this, you must first connect the iXpand flash drive to the iPad, as indicated in Figure 3. On the root page of the Biomonitor app, in the upper right corner, as indicated in Figure 4, click the arrow icon. This will open a set of options. You must select **Copy to FileBrowser Biz**, as illustrated in Figure 5. This will open the FileBrowser app, which will let you save the **nvs_annotations.txt** file to the thumb drive. Navigate to the iXpand Drive on the left-hand side of the app, and then select Paste 1 File here at the top righthand side of the app.

Finally, unplug the iXpand drive from the iPad, plug it into a PC, and follow the instructions at <https://github.com/lightscalar/bioreader> to extract the annotations into a CSV file compatible with the recorded data.

When you have successfully exported the annotation data, you must then manually delete the data from the device by clicking on the trash can icon. If you do not delete the annotations, they will persist and will be included in future data exports.



Figure 3: Insert the iXpand drive into the iPad.

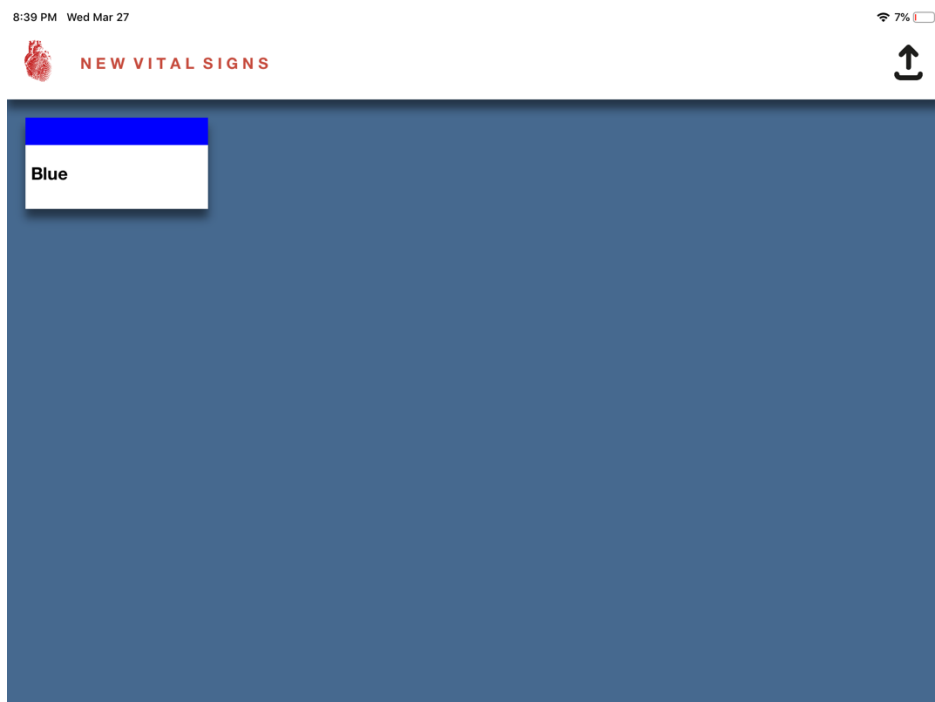


Figure 4: The root page of the Biomonitor app. To export annotations, click the vertical arrow icon at the top right of the screen.

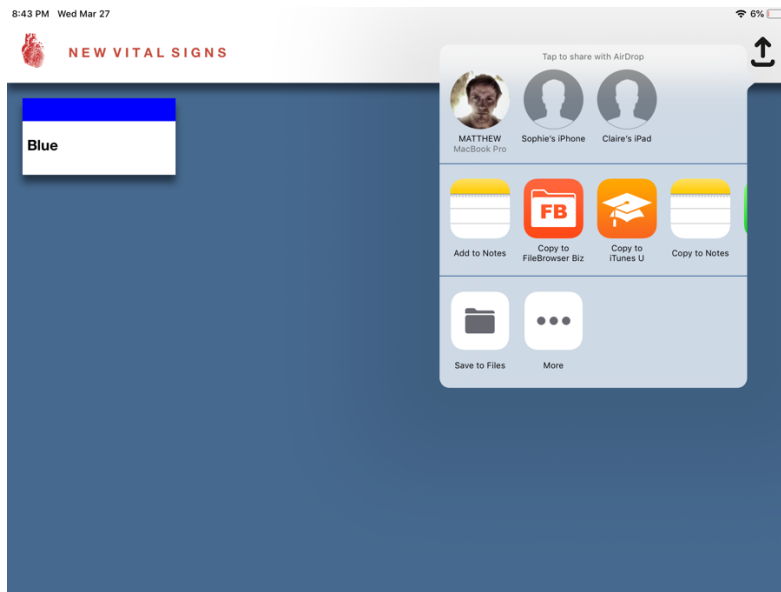


Figure 5: Select **Copy to FileBrowser Biz**.

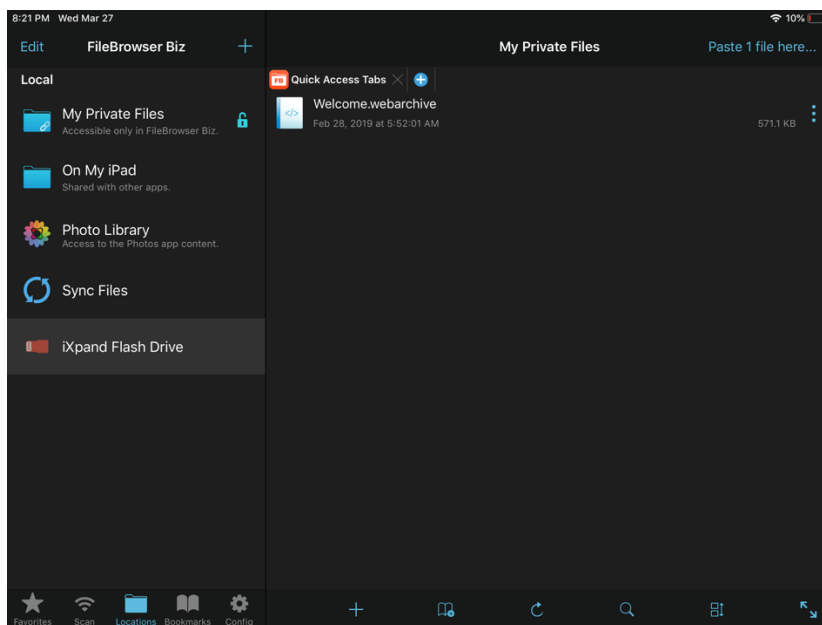


Figure 6: Select the **iXpand Flash Drive** as your destination (bottom left) and click **Paste 1 File here**.

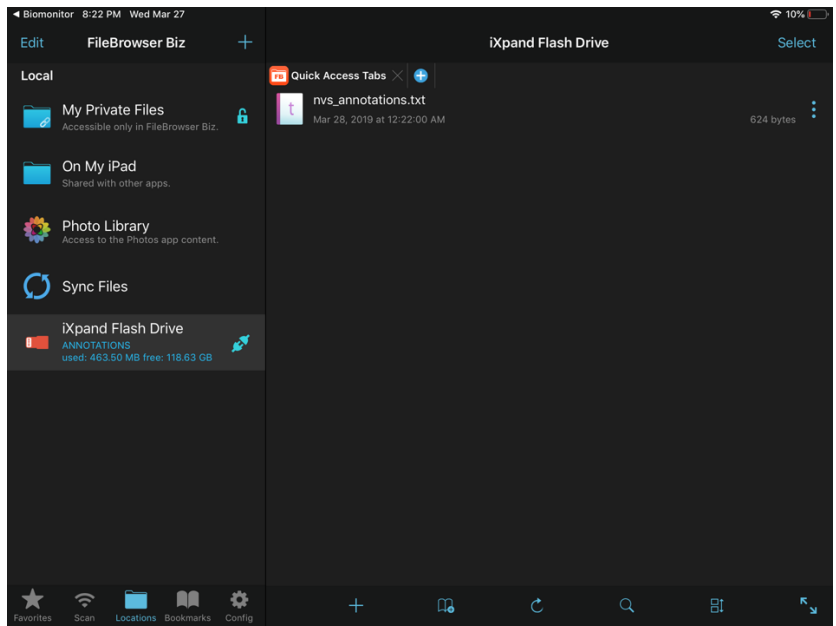


Figure 7: When you see the `nvs_annotations.txt` file present on the iXpand drive, you are good to go.