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Tracking KPIs With Visualization Builder - A Detailed Overview



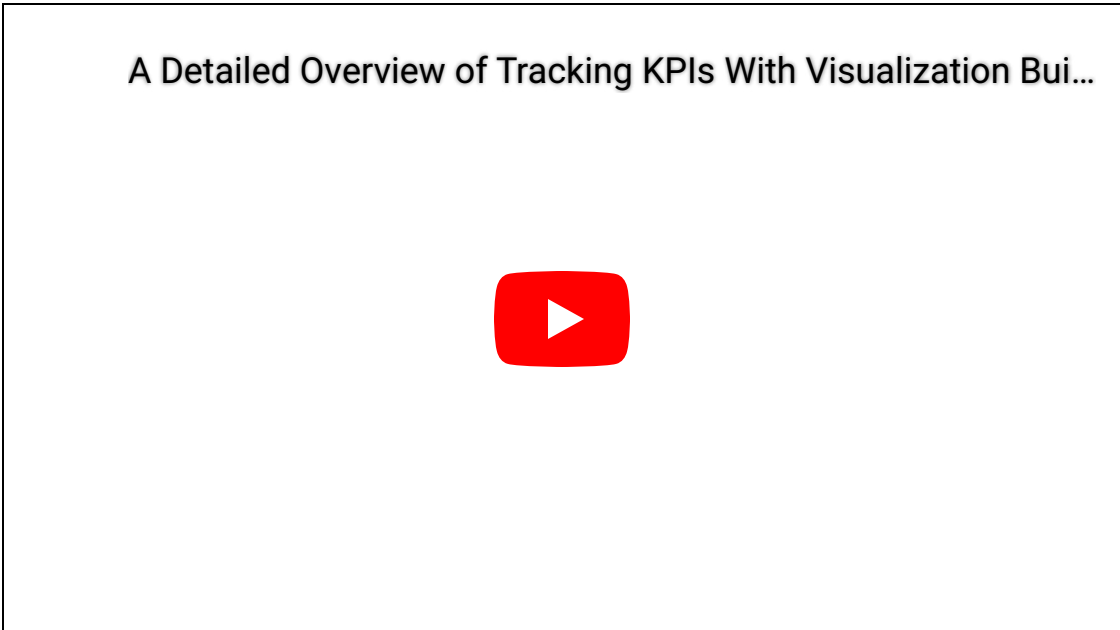
[Michael Gallivan](#)

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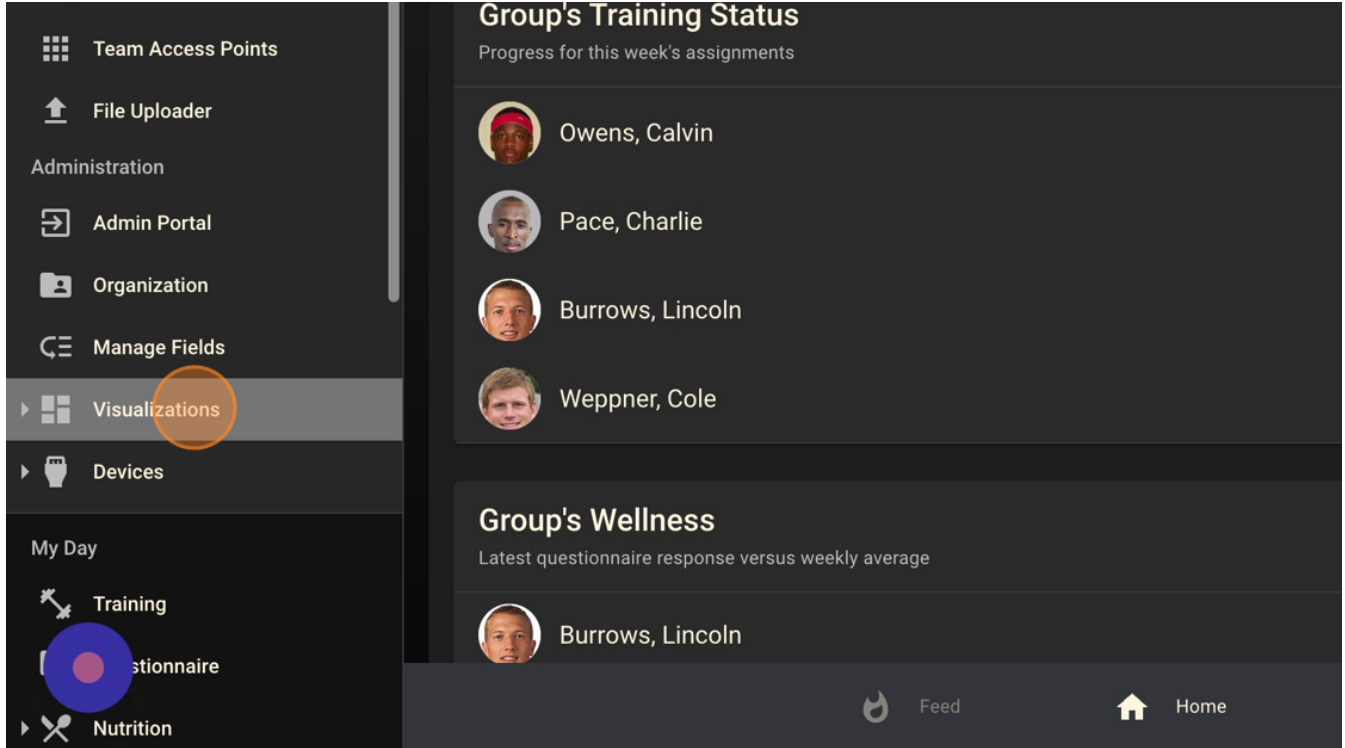
In this article, we will cover how to build a simple Latest History Dashboard in **CoachMePlus** and how to add it to a Dashboard Layout

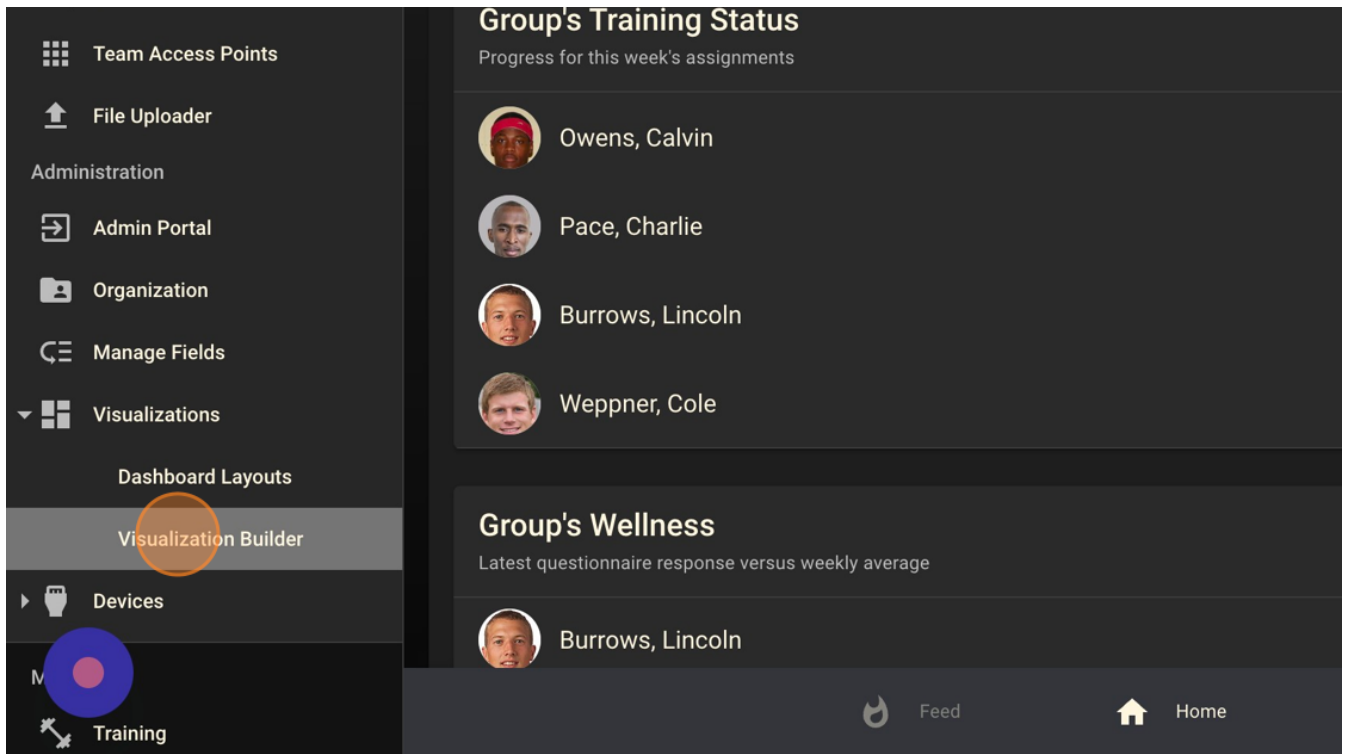
Video Walkthrough:



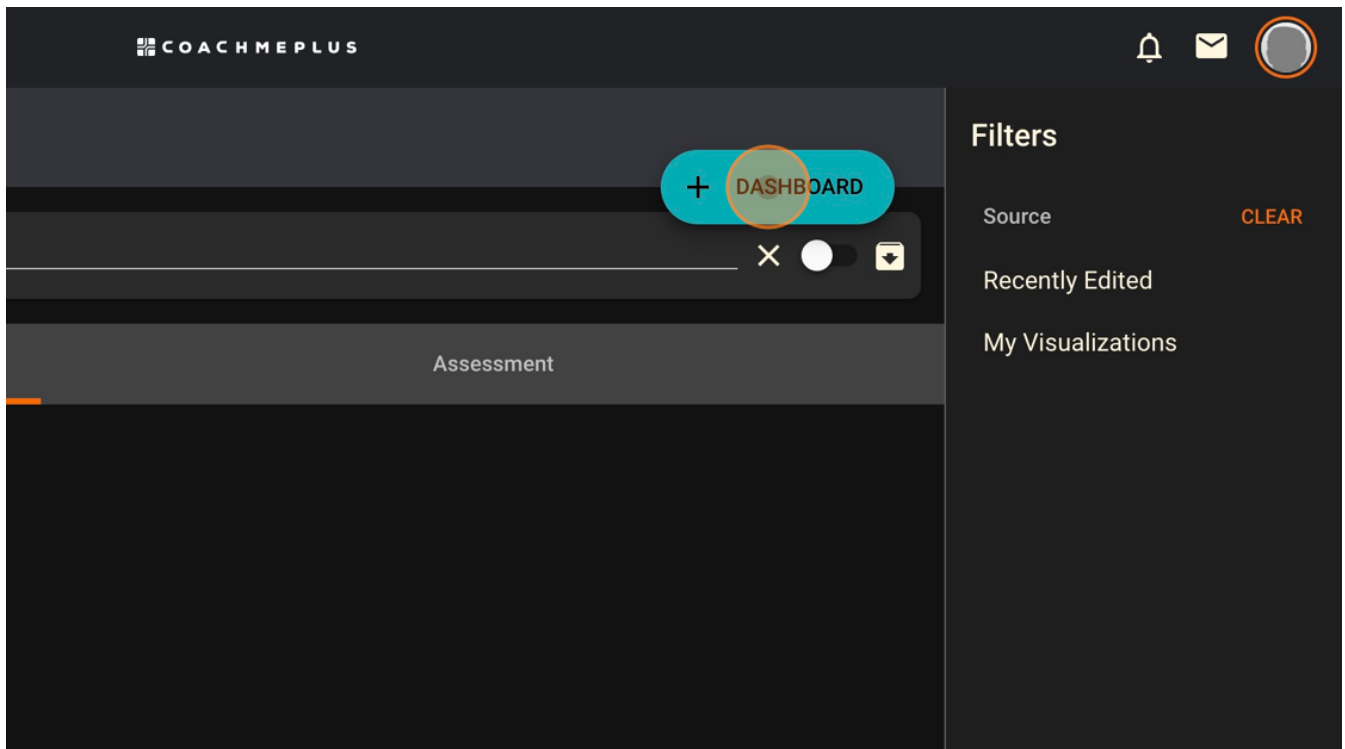
Step-by-Step Instructions:

Step 1: Navigate to your side menu and select **Visualizations**, then Select **Build Visualization**.

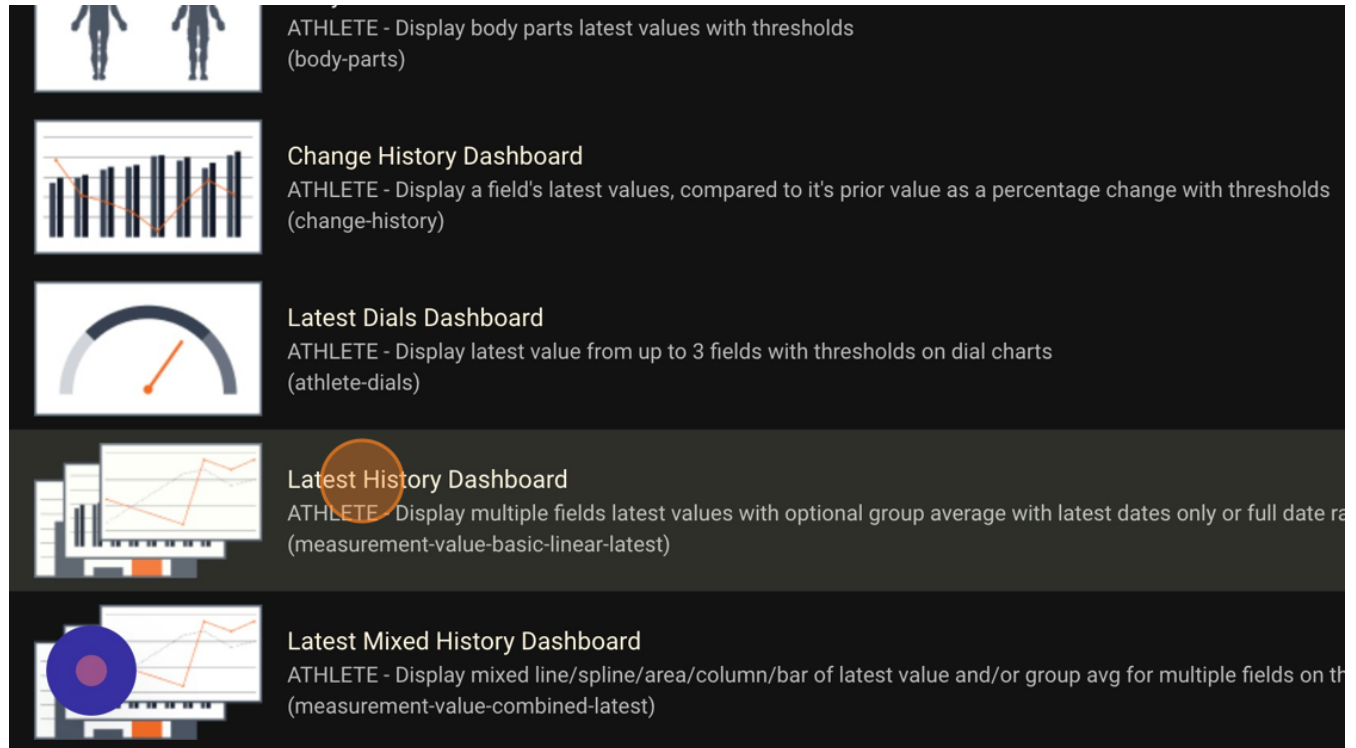



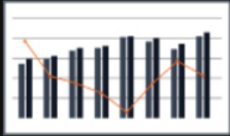

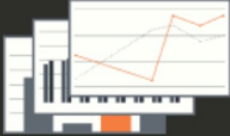
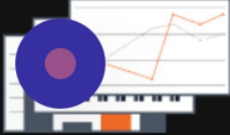


Step 2: On the next screen, select "+ Dashboard"

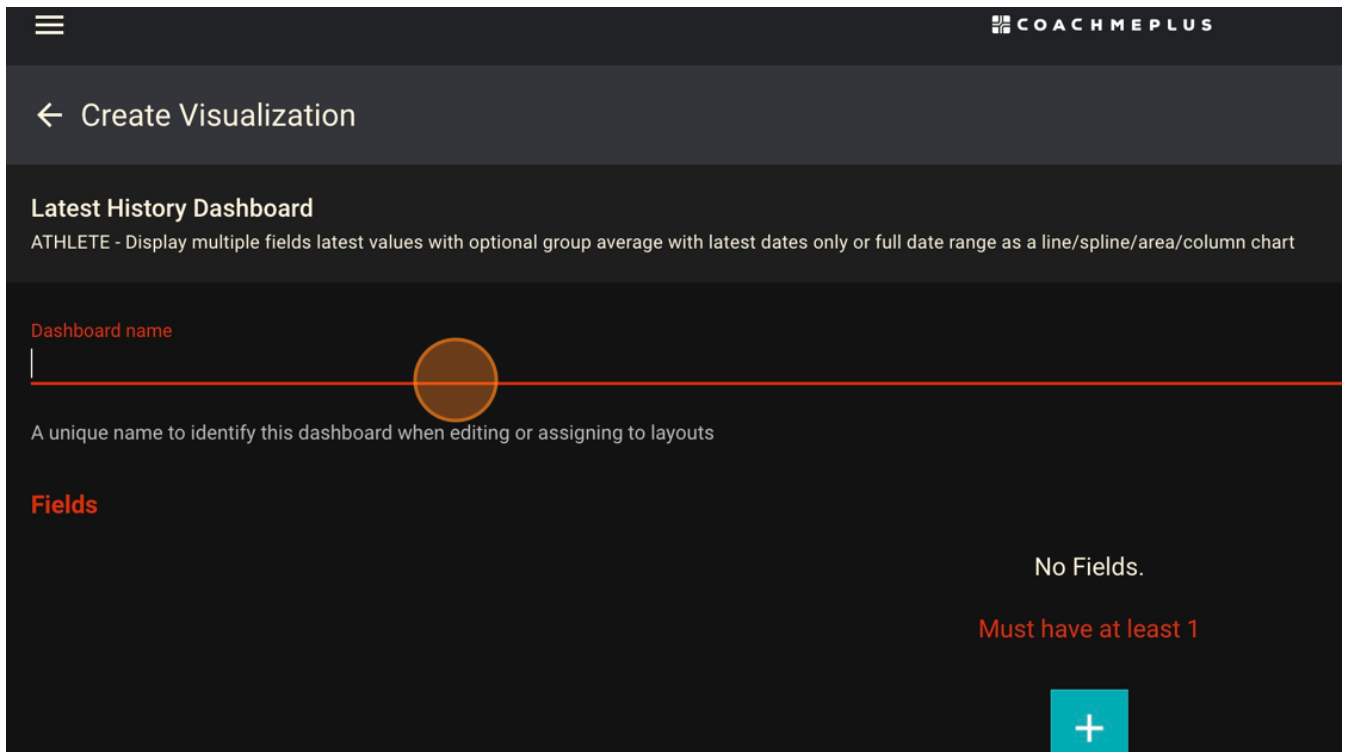


Step 3: For this example, we will use a popular dashboard type. The **Latest History Dashboard** allows you to display one or multiple data points over a specified period of time, while allowing you to add an optional average line for Team, Group, and/or Position Average. This dashboard can be displayed as a Line, Spline, Area, Column, or Bar graph.

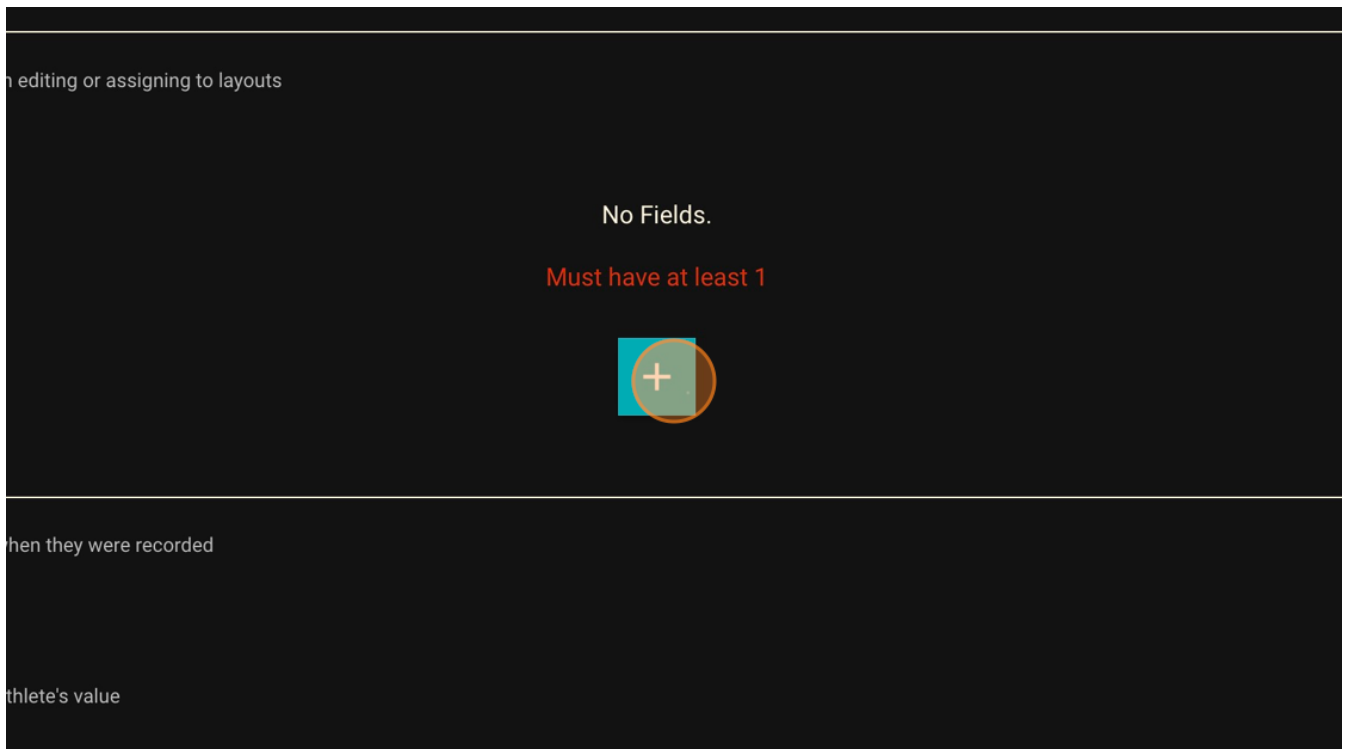


	ATHLETE - Display body parts latest values with thresholds (body-parts)
	Change History Dashboard ATHLETE - Display a field's latest values, compared to it's prior value as a percentage change with thresholds (change-history)
	Latest Dials Dashboard ATHLETE - Display latest value from up to 3 fields with thresholds on dial charts (athlete-dials)
	Latest History Dashboard ATHLETE - Display multiple fields latest values with optional group average with latest dates only or full date range (measurement-value-basic-linear-latest)
	Latest Mixed History Dashboard ATHLETE - Display mixed line/spline/area/column/bar of latest value and/or group avg for multiple fields on the dashboard (measurement-value-combined-latest)

Step 4: Start by naming your dashboard. In this example, I will name my dashboard **Vertical Jump Over Time**



Step 5: Next, we can add our field(s) to the dashboard by selecting them from the field list, optionally renaming the field display name (Label).



ATHLETE - Display multiple fields latest values with optional group average with latest dates only or full date range as a line/spline/area/column chart

Dashboard name
Vertical Jump Over Time

A unique name to identify this dashboard when editing or assigning to layouts

Fields

Field
<input type="text"/>
Label *
<input type="text"/>
Unit
<input type="text"/>

Latest number of values to display *
14

☰ COACHMEPLUS

← Select a field

Search

- Vertical Jump (in)**
vertical_jump
- Standing Broad Jump (in)
standing_broad_jump
- Javelin Hurdle (in)
javelin_hurdle
- 5-10-5 Pro Agility Left (sec)
f_5_10_5_pro_agility_left

Step 6: Next, you will select how many values to display. There is no limit to how many, but keep in mind that loading times can be impacted if the value is high, and the graph could get crowded.

Vertical Jump (in)

Label *
Vertical Jump

Unit
in

Latest number of values to display *
14

Shows the most recent values, regardless of when they were recorded

Include group average
Include a group average value along with the athlete's value

Include team average
Include a team average value along with the athlete's value (can be slow depending on number of athletes)

Step 7: Here, you can select to display a Group (Training Group), Team (Team Folder), or Position (if positions have been assigned) average as a dotted line or opaque bar in your graph. In this example, we will display a Team Average.

Latest number of values to display *
8

Shows the most recent values, regardless of when they were recorded

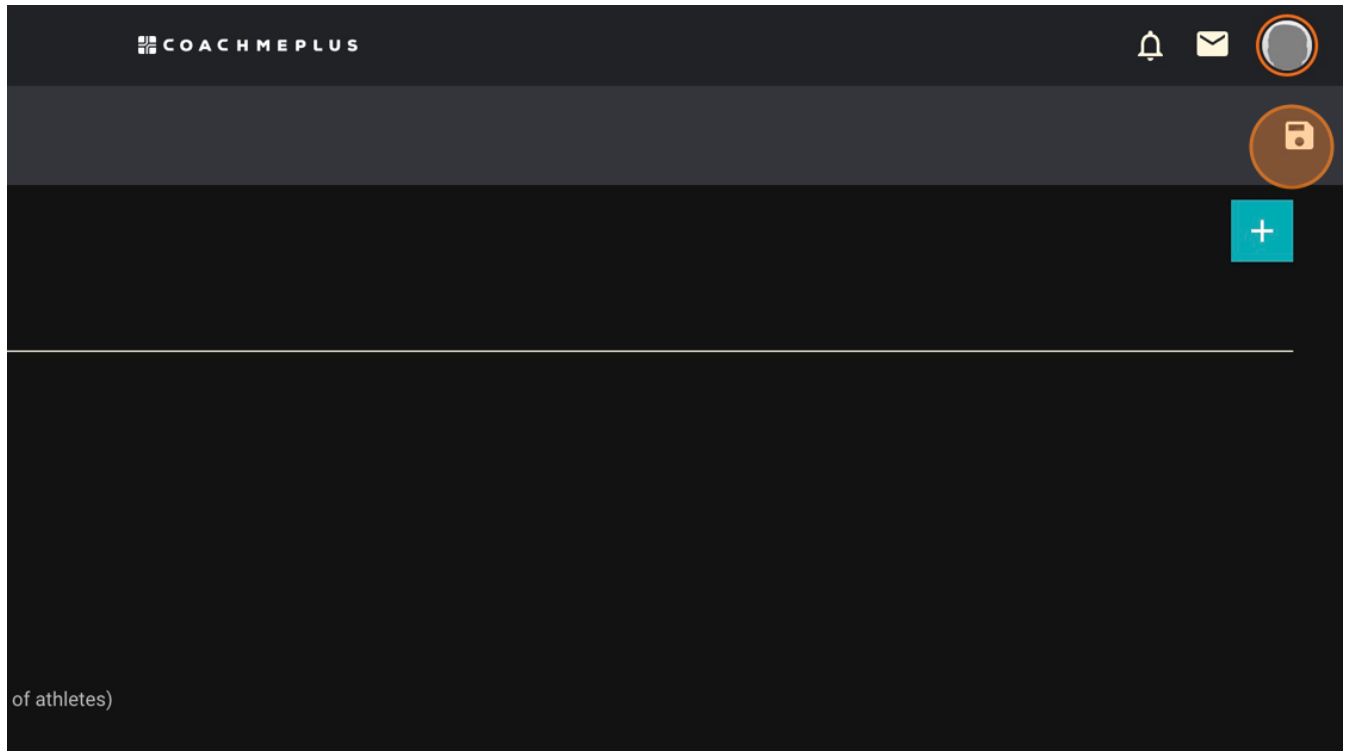
Include group average
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Include team average
Include a team average value along with the athlete's value (can be slow depending on number of athletes)

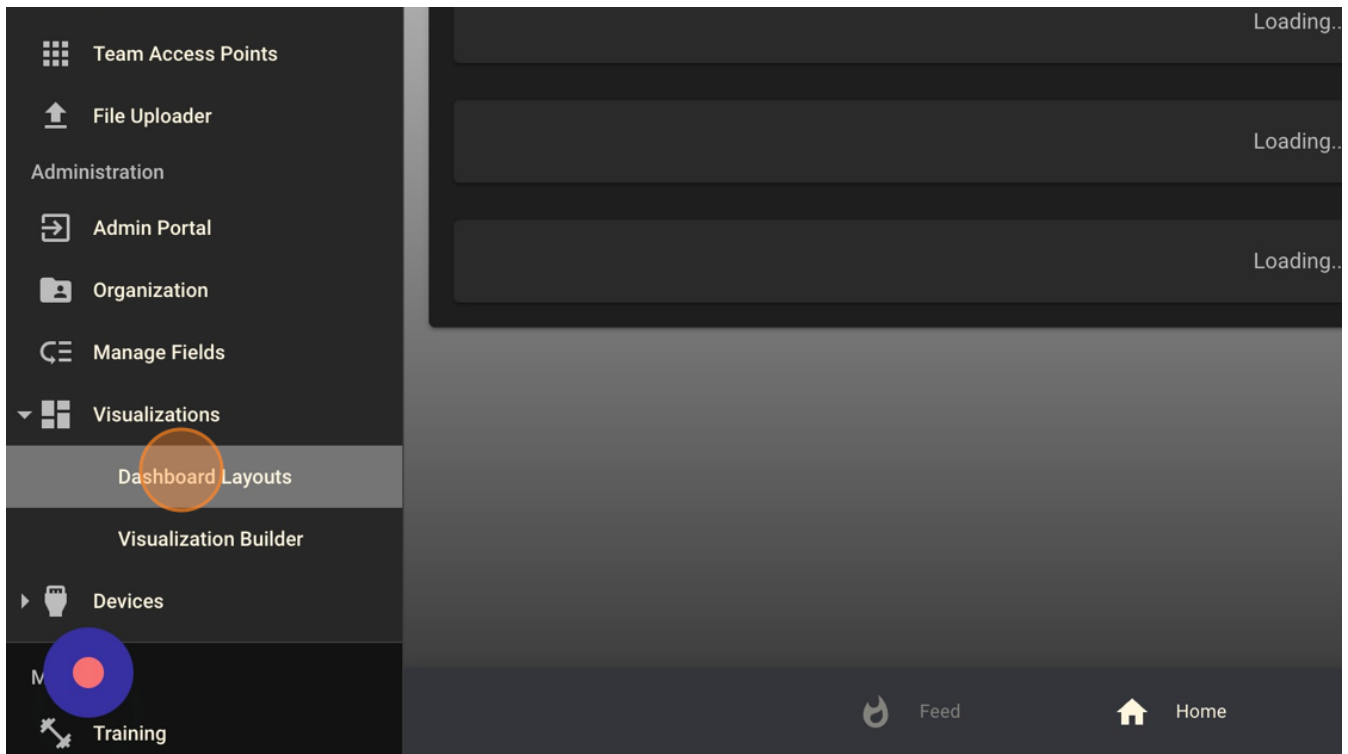
Include position average
Include a position average value along with the athlete's value (slow: find all athletes in system sharing position, usually group average is preferred)

Plot type
Line

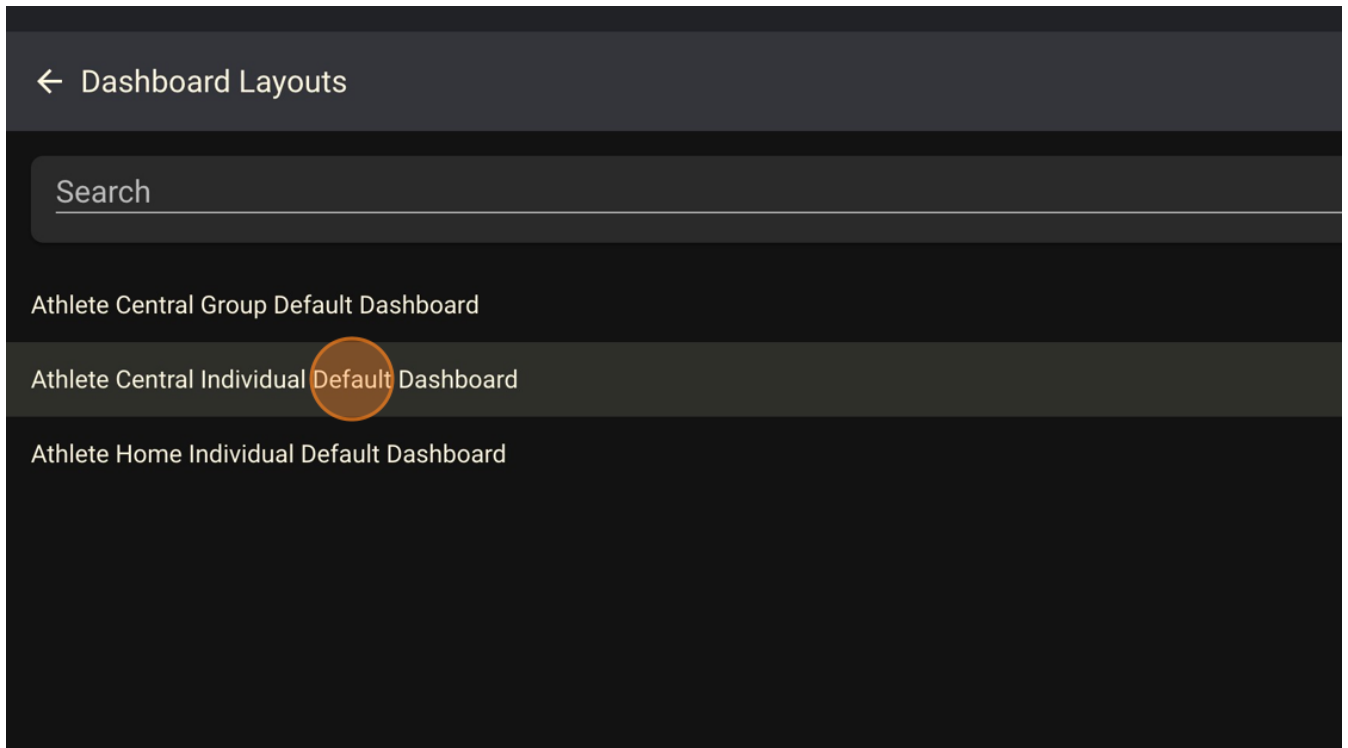
Step 8: Next, I will **Save** my dashboard.



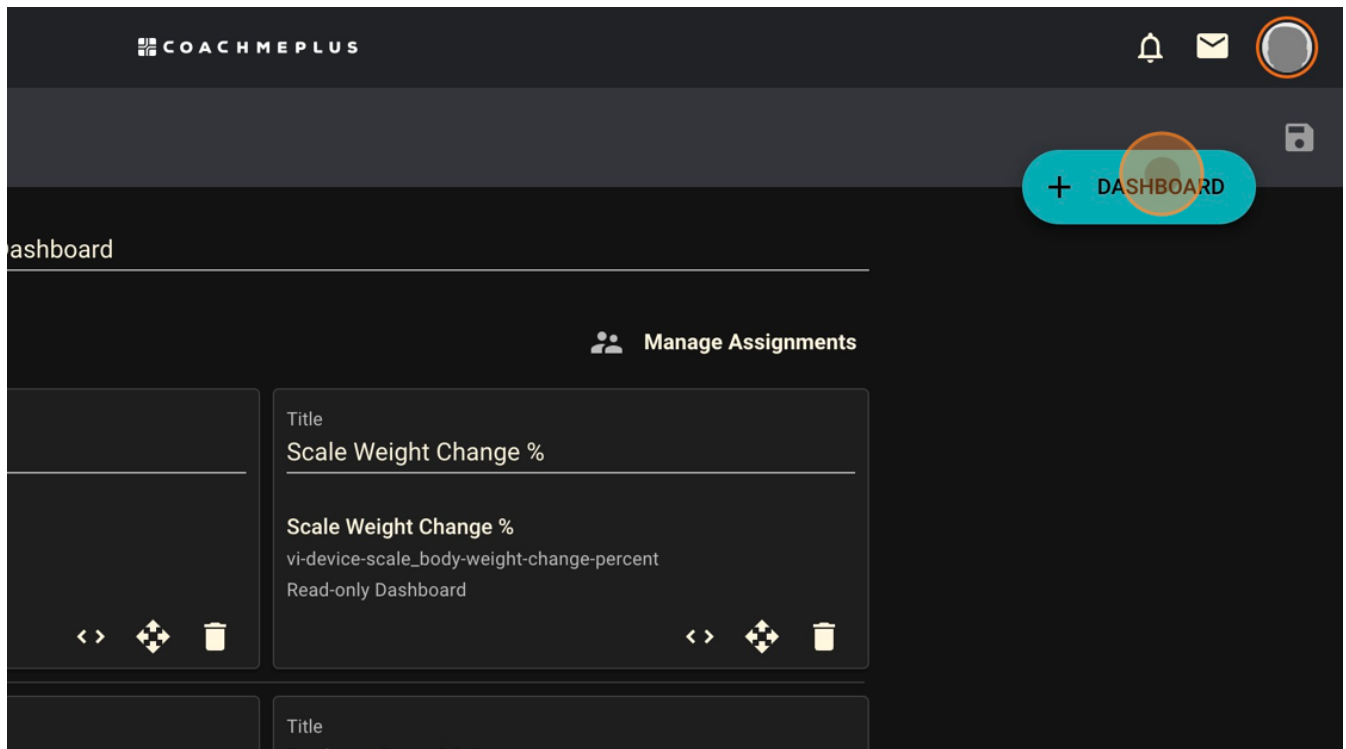
Step 9: To add my dashboard to a layout, I will navigate back to the home screen and this time on my side menu, I will select **Dashboard Layouts**



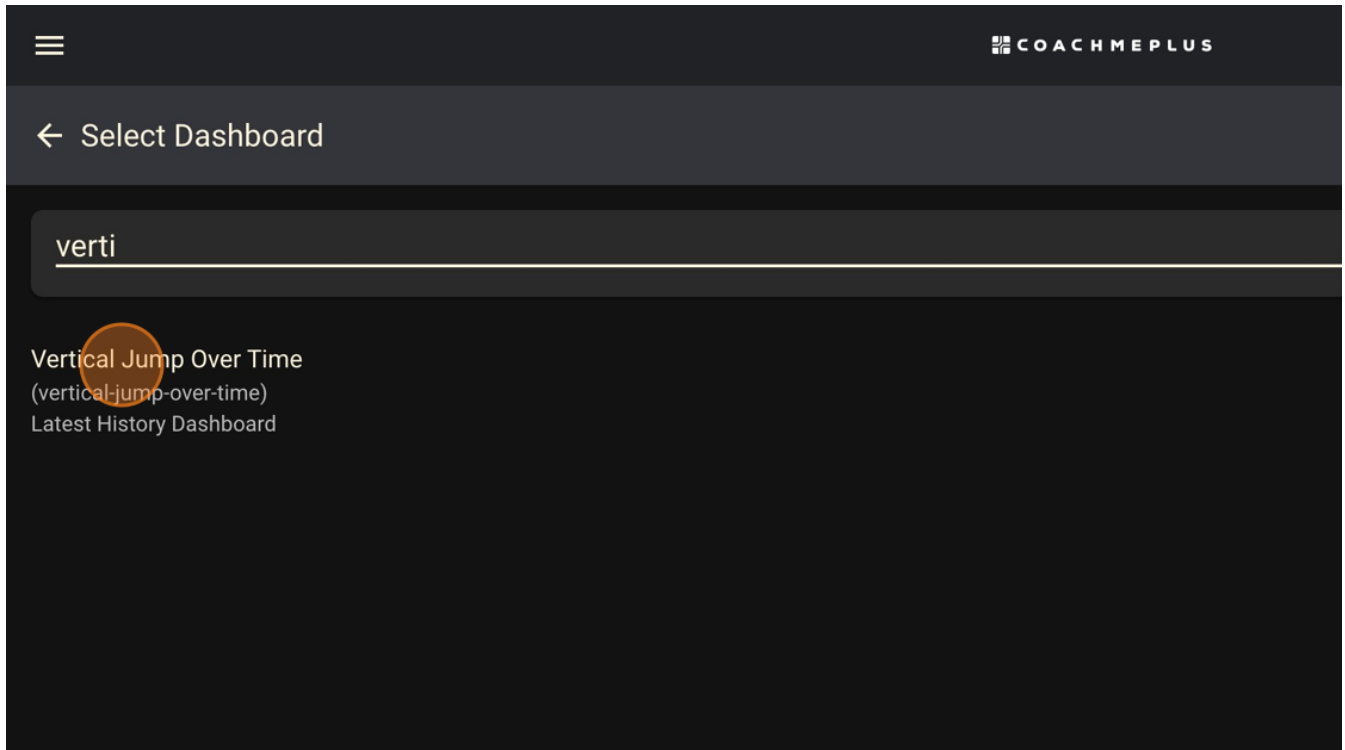
Step 10: On my layout list, I will select the layout I wish to add to. Since the **Latest History Dashboard** is for individual layouts only, I will select an Individual Layout.



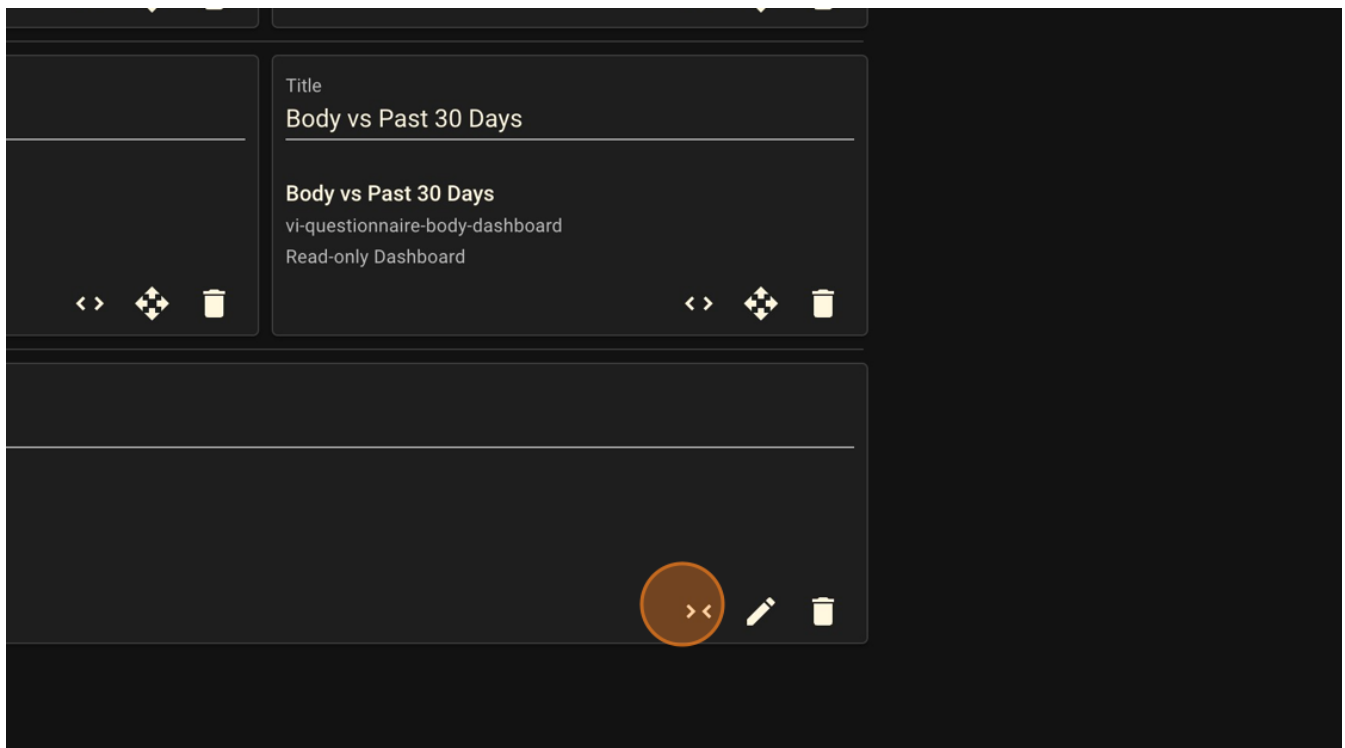
Step 11: Once in Layout Editor, I am going to select "+ Dashboard" to add the dashboard I just built to my layout.



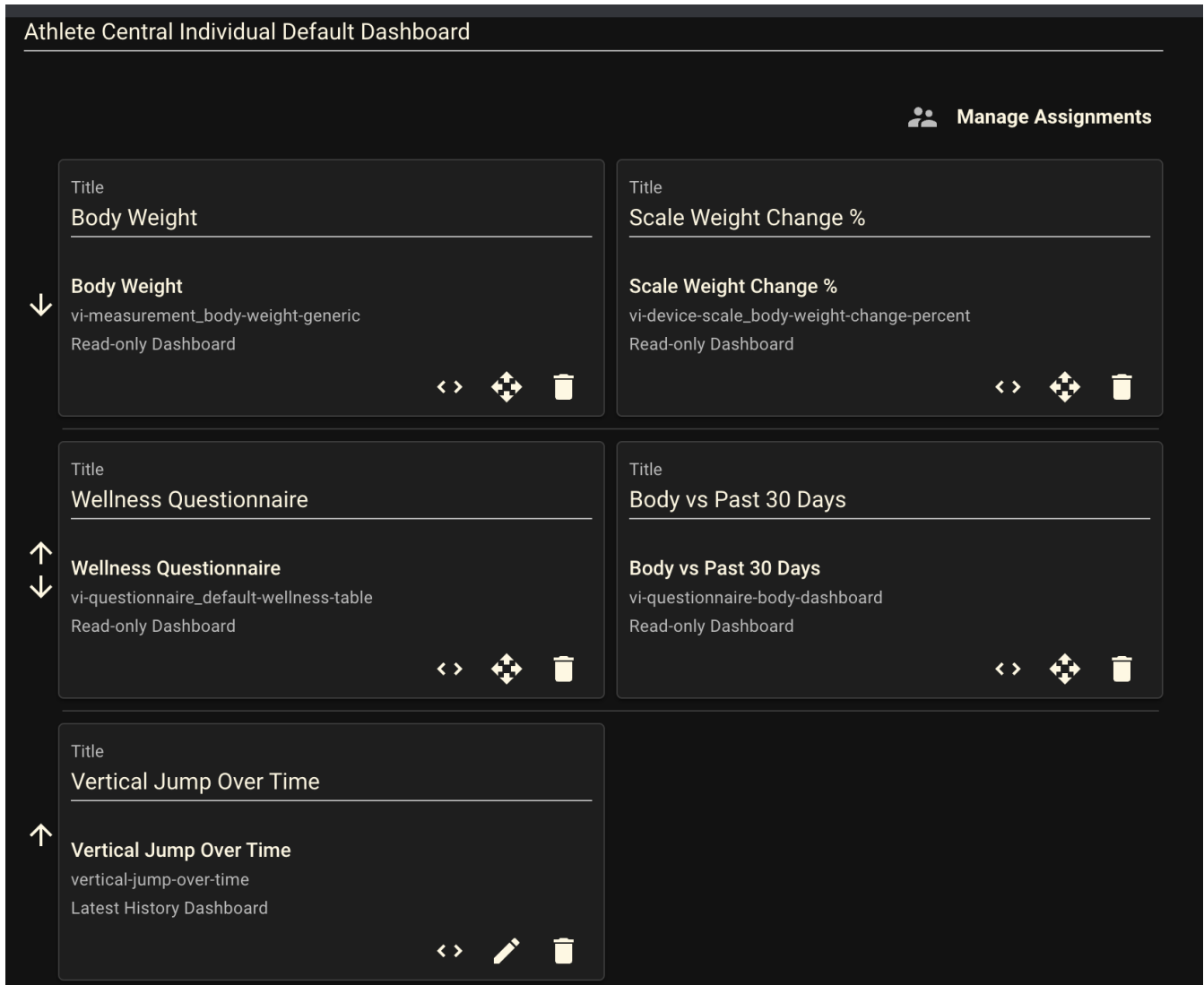
Step 12: On this screen, I can scroll to or search for the dashboard I wish to add. I can then click on it to add to my layout.



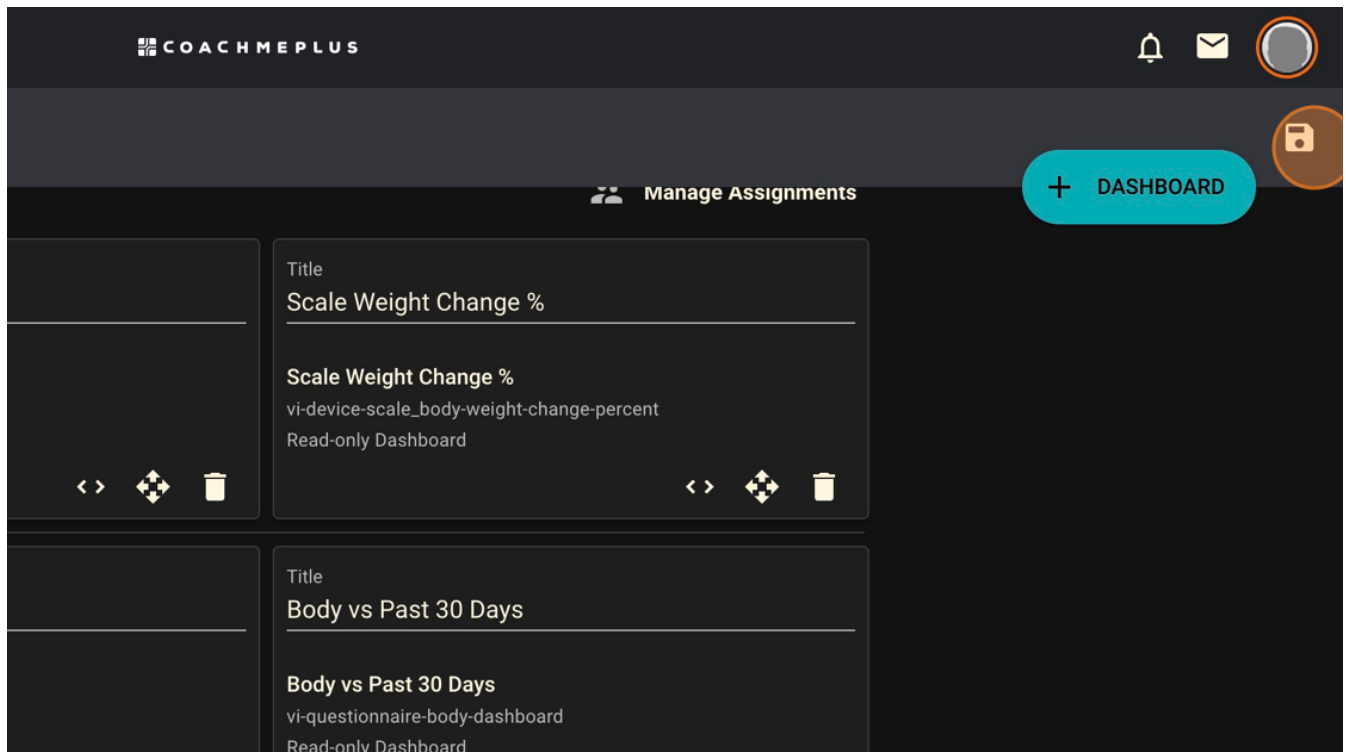
Step 13: Once added to the layout, the dashboard is default to full width. I can click on the "><" icon to bring my dashboard to half width if I wish to place another dashboard next to it. I can revert back to full width if I wish by clicking on "< >" on the proper pane.



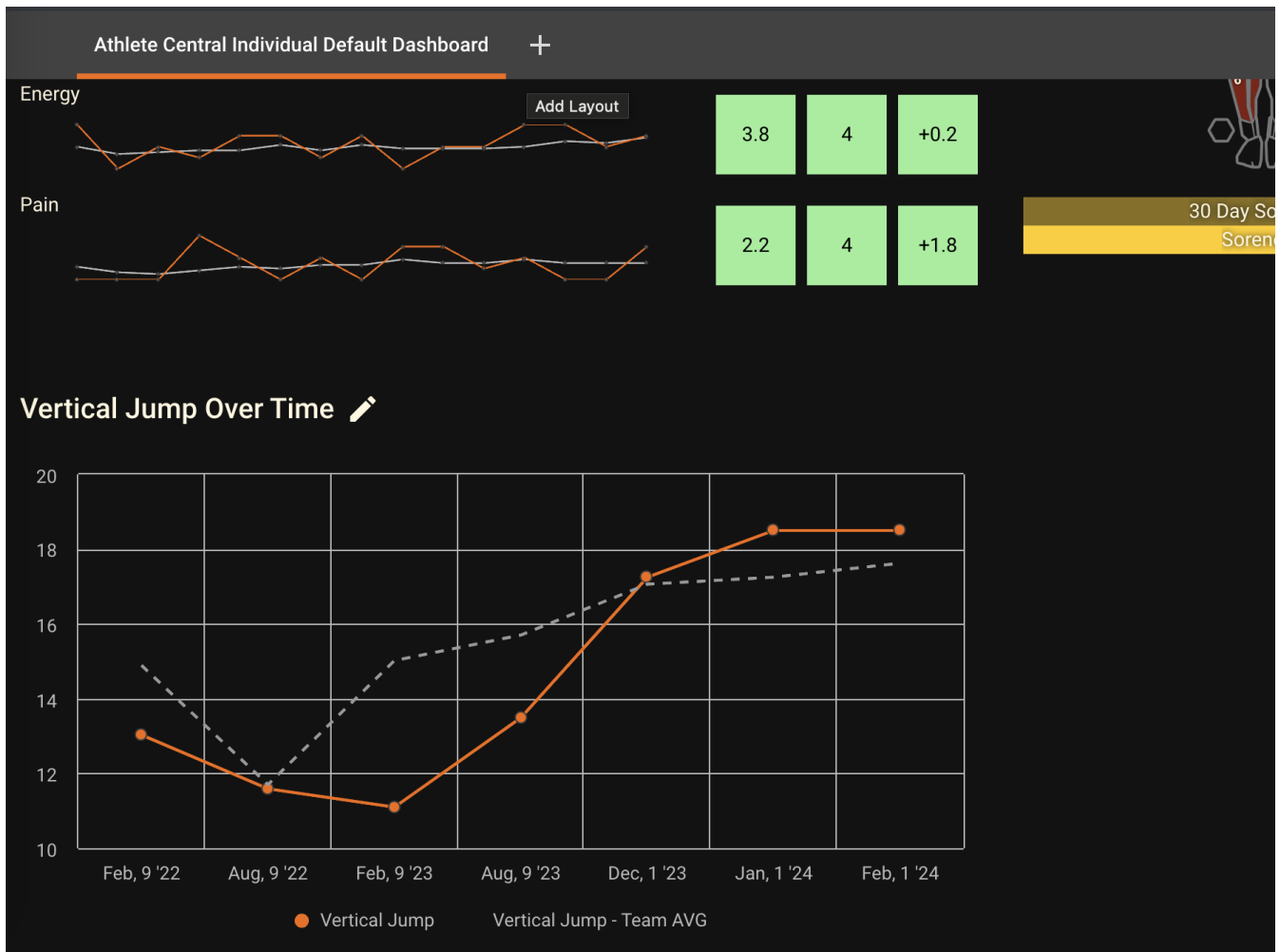
Step 14: Following these steps, your layout may look something like this:



Step 15: Once satisfied, hit the **Save icon**.



Step 16: Now, you can navigate to an athlete's profile and open their dashboard. The new graph should be on the layout!




**** If you would like to use a different type of dashboard, click over to our FAQs on dashboard builders**** [Dashboard Builders](#)



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