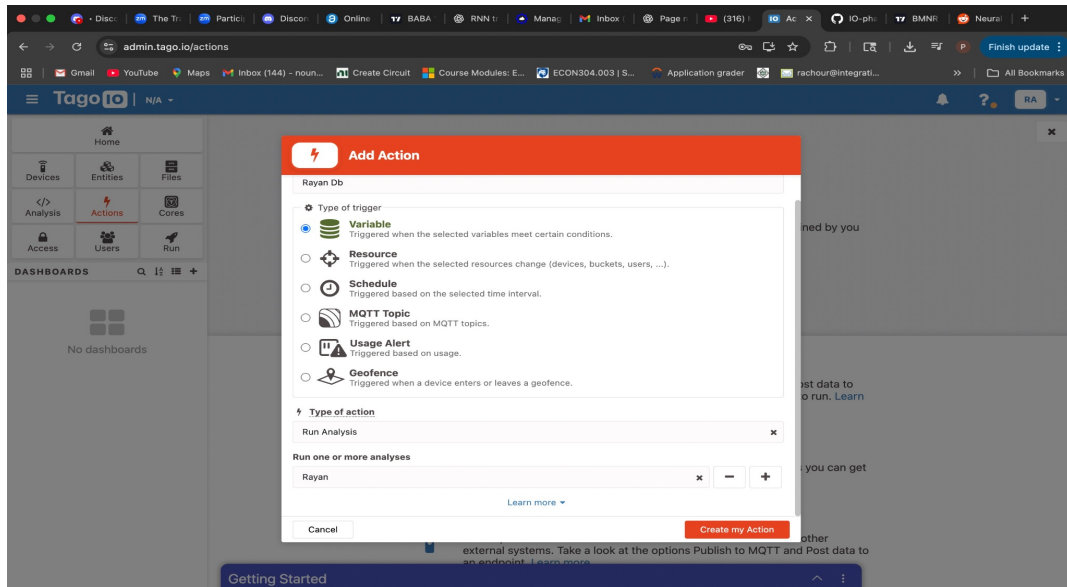
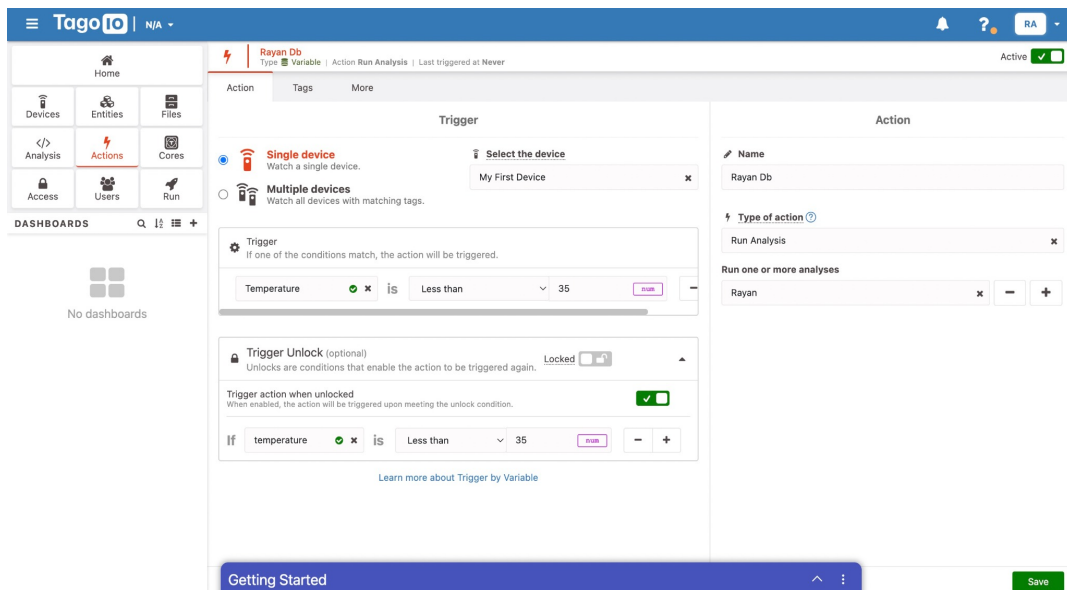


TagoIO Research – Actions Module

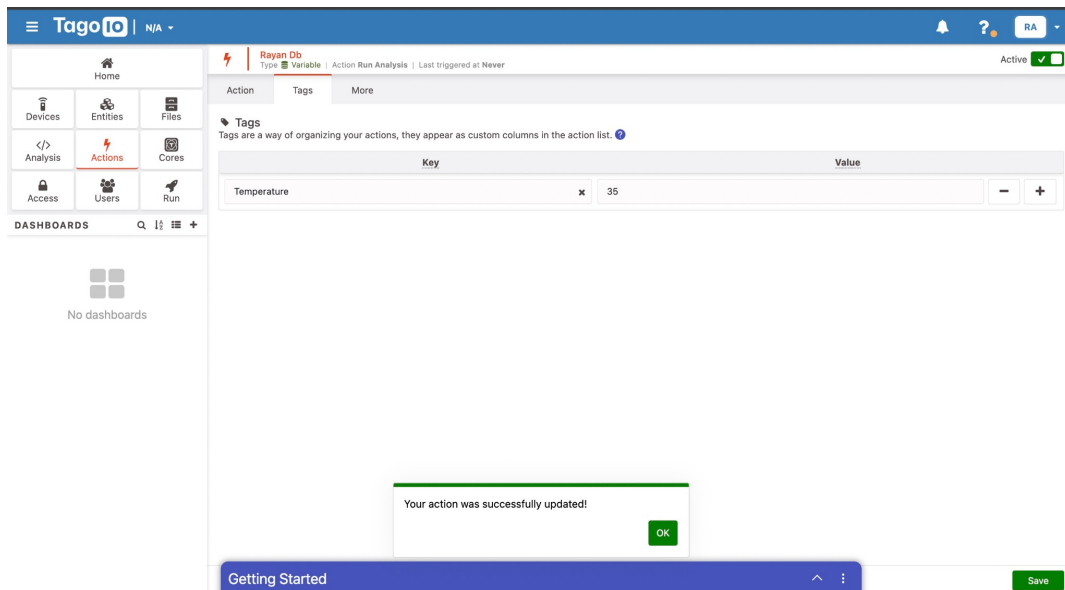
As part of my exploration of TagoIO, I investigated the **Actions** feature. This functionality allows the user to define triggers and automate responses, making it a key part of building smart IoT workflows. Below are screenshots from my testing, followed by observations and interpretation.



Screenshot 1: Adding a new action with trigger options.



Screenshot 2: Configuring an action triggered by temperature variable.



Screenshot 3: Final confirmation of updated action with tags applied.

Observations:

- TagoIO provides a wide range of triggers including Variables, Resources, Schedule, MQTT topics, Usage Alerts, and Geofence. This flexibility makes it possible to design highly customized automations.
- Actions can be tied to devices and variables with conditions (e.g., temperature less than 35). This enables threshold-based responses without coding.
- The ability to link actions directly with analyses adds another layer of power, connecting event triggers with custom scripts.

Interpretation:

The Actions feature allows non-technical users to automate workflows easily, while still offering developers integration with analyses for advanced use cases. It makes TagoIO highly attractive for IoT projects where automation and alerting are critical.

How We Could Stand Out:

While TagoIO's Actions are powerful, our solution could improve by:

- Providing **pre-built automation templates** (e.g., "send email on threshold breach") to speed up setup.
- Offering **visual workflow builders** (drag-and-drop) for easier automation design.
- Adding **AI-powered recommendations** for actions based on device data trends.