

Snapshot Week 11 of Group PG02

Project of ATSYS

No-Code Solution for InfluxDB

LeStartUP

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Product Backlog and Task Board

Project Board_PG02

Board Roadmap Sprint 2 Sprint 3 **Sprint 4** View 12 + New view

Filter by keyword or by field

No Status 33

- InfluxUI-PG02 #24 chore(frontend): ^, update frontend linting, formatting, git commit co... Sprint 2
- InfluxUI-PG02 #25 feat(frontend): ^ add login ui Sprint 2
- InfluxUI-PG02 #26 feat(frontend): ^ add auth state management with react query & react hook form Sprint 2
- InfluxUI-PG02 #28 feat(backend): add basic api function using influxdb client Sprint 2
- InfluxUI-PG02 #29 feat(backend): add basic retrieve measurements Sprint 2
- InfluxUI-PG02 #30 fix/13 fix login state persistence Sprint 2

+ Add item

Backlog 0

This is your project Backlog

+ Add item

Planning 0

This is your planning stage

+ Add item

In Progress 2

This is actively being worked on

- InfluxUI-PG02 #21 [Front End] Create end-to-end tests for the drag-and-drop interface using Playwright Sprint 5
- InfluxUI-PG02 #20 [Front End] Implement unit tests for drag-and-drop functionality using Vitest Sprint 5

+ Add item

Testing 6

This is your testing phase

- InfluxUI-PG02 #6 [Server] Develop API to authenticate with InfluxDB Sprint 4
- InfluxUI-PG02 #7 [Server] Develop API to retrieve buckets of InfluxDB Sprint 4
- InfluxUI-PG02 #8 [Server] Develop API to retrieve measurements of InfluxDB Sprint 4
- InfluxUI-PG02 #9 [Server] Develop API to retrieve fields of InfluxDB Sprint 4
- InfluxUI-PG02 #10 [Server] Develop API to execute InfluxDB queries Sprint 4
- InfluxUI-PG02 #49 [Server] Implement Current User Endpoint

+ Add item

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- InfluxUI-PG02 #9 [Server] Develop API to retrieve fields of InfluxDB Sprint 4
- InfluxUI-PG02 #10 [Server] Develop API to execute InfluxDB queries Sprint 4
- InfluxUI-PG02 #49 [Server] Implement Current User Endpoint

+ Add item

Done 16

This has been completed

- InfluxUI-PG02 #4 Project Initialization
- InfluxUI-PG02 #12 [Front End] Create login UI component Sprint 2
- InfluxUI-PG02 #11 [Infrastructure] Develop container environments Sprint 2
- InfluxUI-PG02 #13 [Front End] Implement authentication flow using React Query Sprint 2
- InfluxUI-PG02 #15 [Front End] Create components for buckets, measurements, and fields display Sprint 2
- InfluxUI-PG02 #14 [Front End] Design and implement drag-and-drop interface using @xflow/react Sprint 2

+ Add item

Sprint Backlog and User Stories

- Milestones of the end of sprint 5:

Labels Milestones Edit milestone New issue

Sprint 4

⚠ Past due by 1 day 88% complete

3 Open 22 Closed

- [Server] Develop API to execute InfluxDB queries enhancement #10 opened on Aug 21 by a1893592 15 tasks
- [Server] Implement Current User Endpoint using InfluxDB API enhancement #49 opened last month by a1893592 6 tasks
- [Front End] Add data visualization for query execution enhancement #75 opened last week by a1907177 3 of 7 tasks

- UI: dark mode feature with all panels

Visual Flux

Nodes

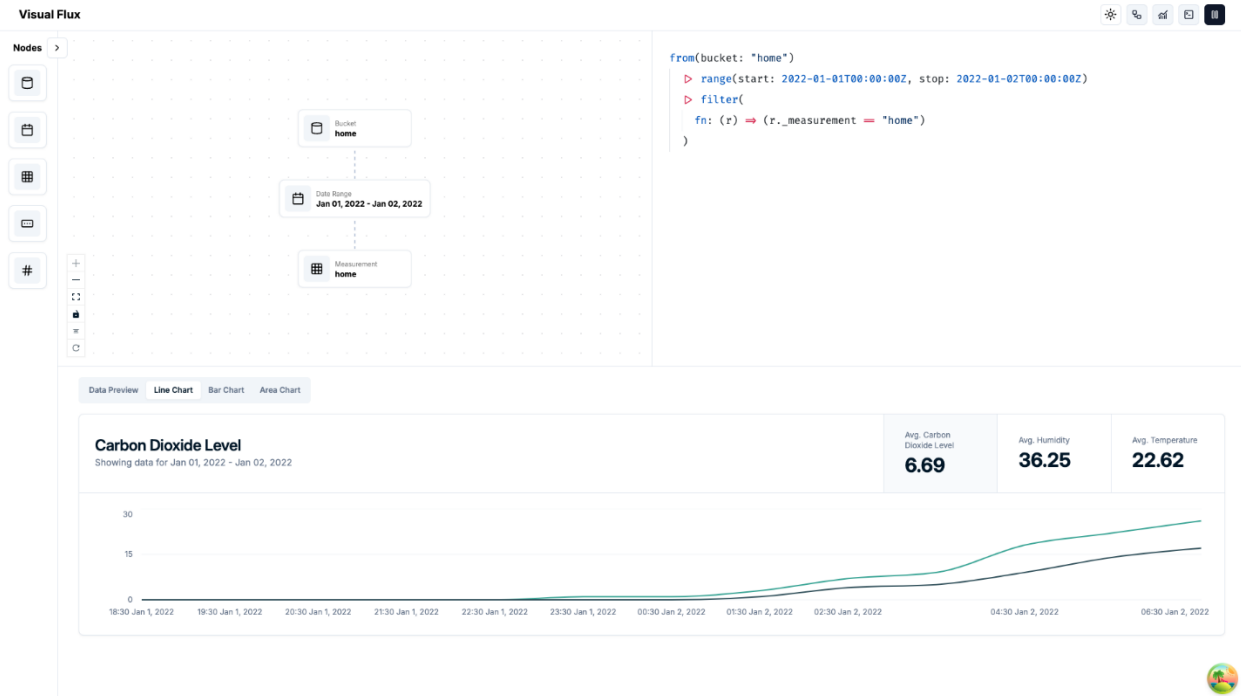
- Bucket home
- Date Range Jan 01, 2022 - Jan 02, 2022
- Measurement home

```
from(bucket: "home")
  > range(start: 2022-01-01T00:00:00Z, stop: 2022-01-02T00:00:00Z)
  > filter(
    fn: (r) => (r._measurement == "home")
  )
```

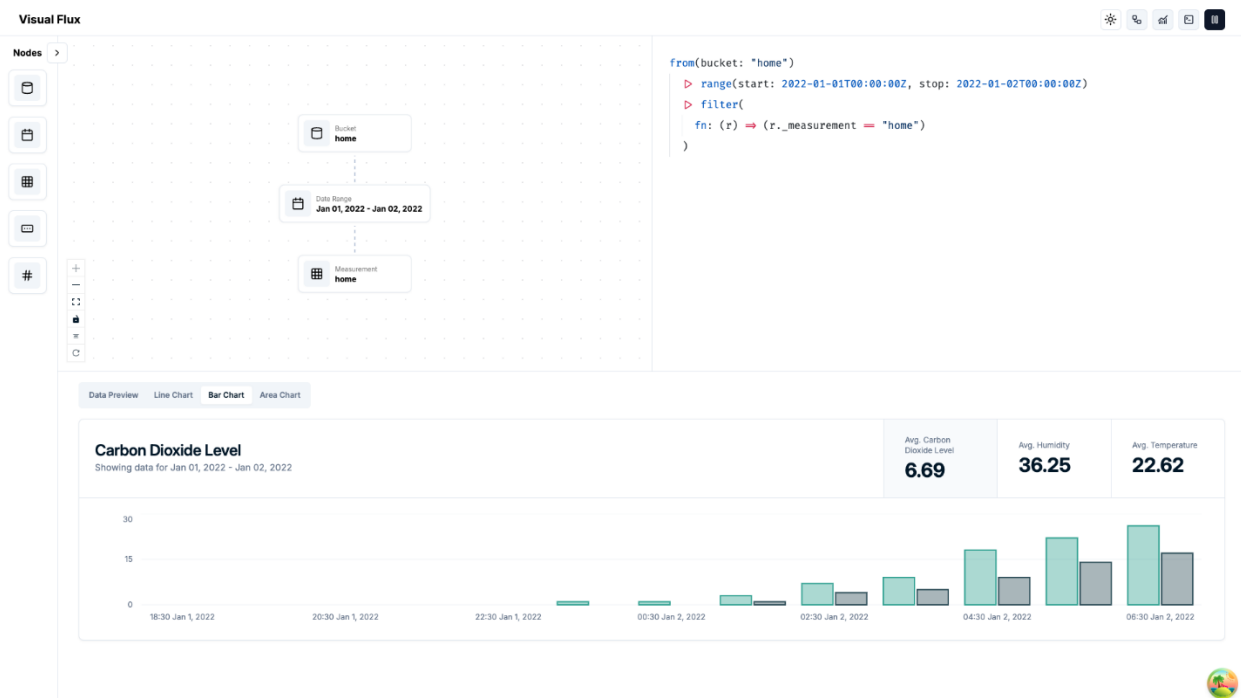
Data Preview Line Chart Bar Chart Area Chart Export CSV Filter rooms... Columns

	Time	Value	Field	Measurement	Room
<input type="checkbox"/>	2022-01-01 18:30:00	0	co	home	Kitchen
<input type="checkbox"/>	2022-01-01 18:30:00	35.9	hum	home	Kitchen
<input type="checkbox"/>	2022-01-01 18:30:00	21	temp	home	Kitchen
<input type="checkbox"/>	2022-01-01 18:30:00	0	co	home	Living Room
<input type="checkbox"/>	2022-01-01 18:30:00	35.9	hum	home	Living Room
<input type="checkbox"/>	2022-01-01 18:30:00	21.1	temp	home	Living Room
<input type="checkbox"/>	2022-01-01 19:30:00	0	co	home	Kitchen

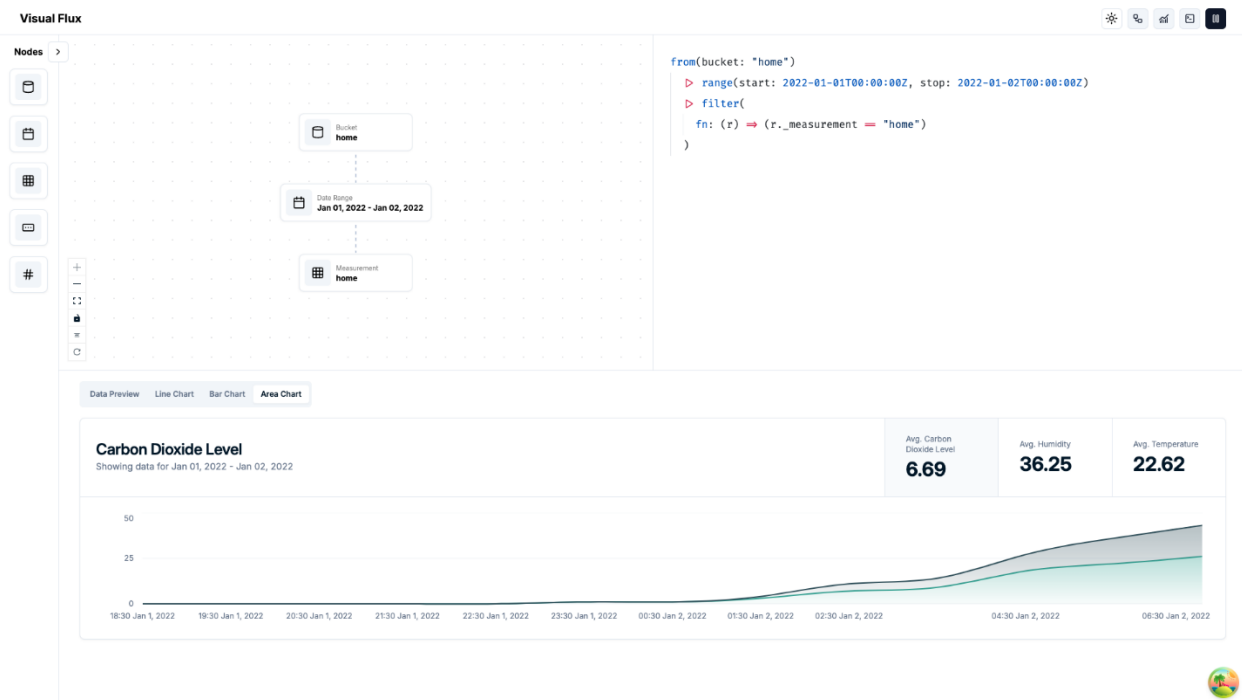
- UI: data visualisation – line chart



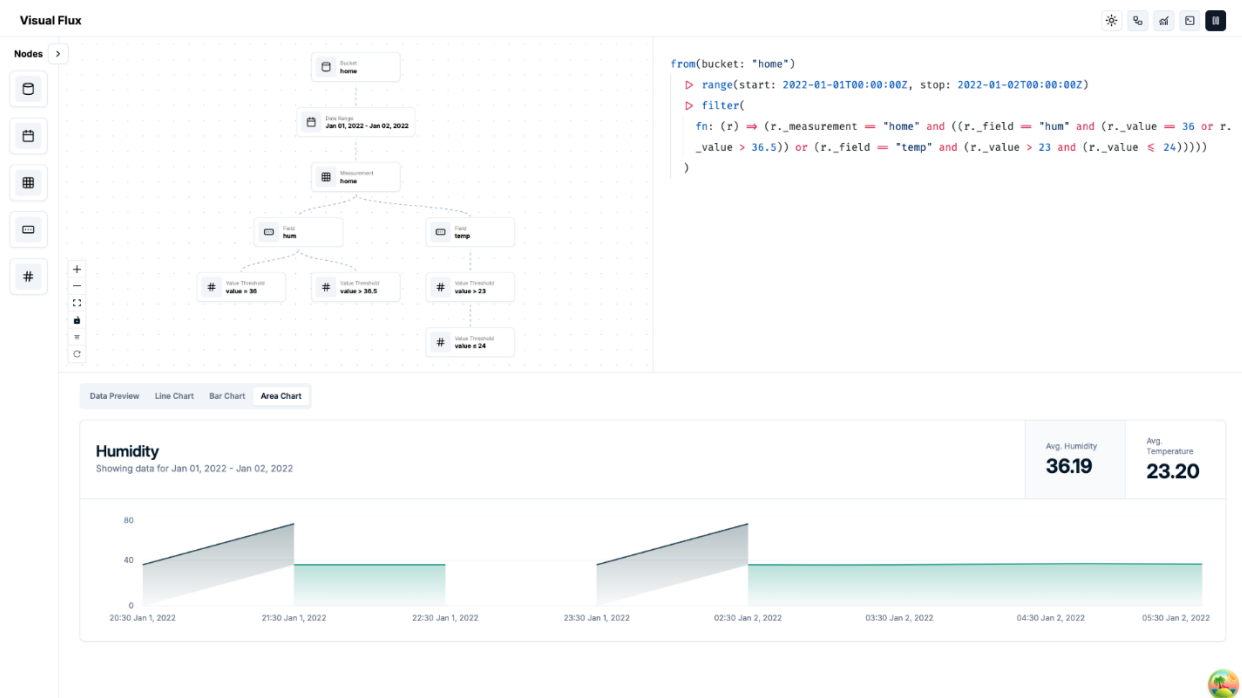
- UI: data visualisation – bar chart



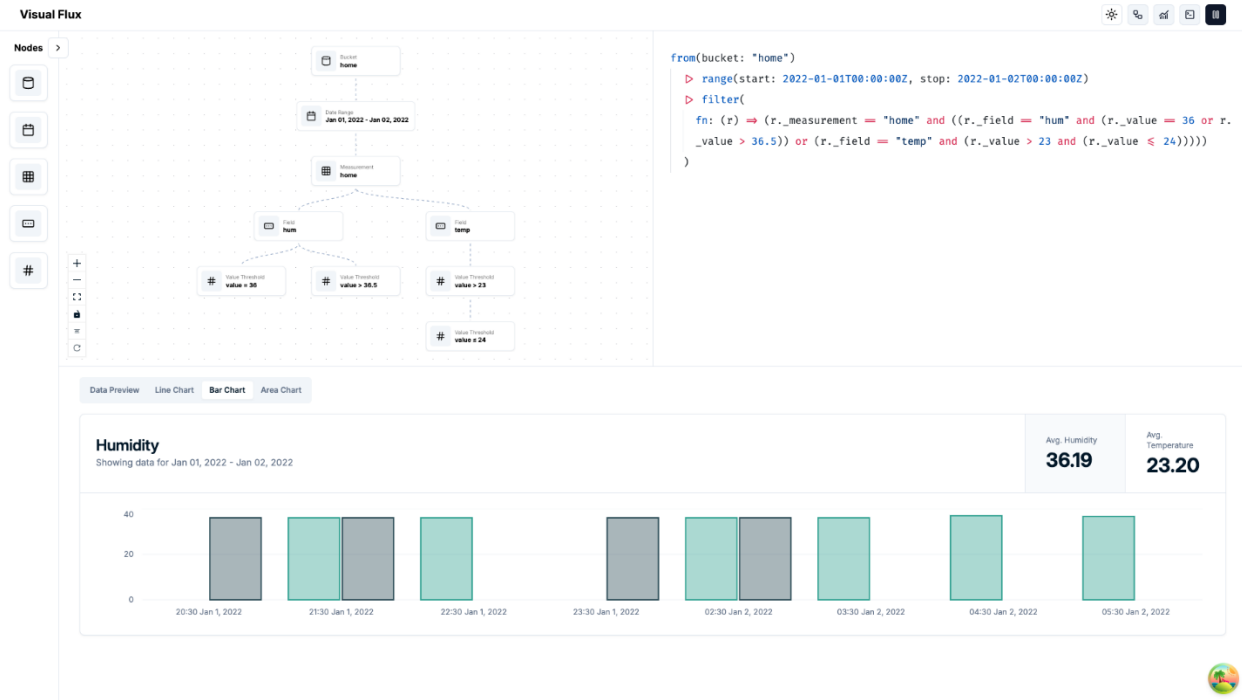
- UI: data visualisation – area chart



- UI: data visualisation – area chart with multi-selection



- UI: data visualisation – bar chart with multi-selection



Our team successfully completed the main user interface with a selection of light and dark mode for user experience. Meanwhile, we also refined the multiple-selection of drag-and-drop node, with the ability to timely visualize data in three different charts.

Definition of Done

- User interface in both light and dark mode is fully functional.
- Data is accurately represented in all chart types.
- Charts can update in real-time when data changes.

Summary of Changes

- Three different types of charts are implemented with multiple selection of nodes for visualisation.