Hackathon Participant Walkthrough

Flowise Setup & Agent Flow Creation

Prerequisites

Before starting this walkthrough, ensure you have:

• A web browser (Chrome, Firefox, Safari, or Edge)

• Access to the internet

• Your hackathon credentials

Step 1: Accessing Flowise

1.1 Navigate to Flowise

• Open your web browser

• Navigate to flowiseai.com

Step 2: Initial Login & Setup

2.1 Login Credentials

• **Email: innovationsummithackathon@gmail.com**

• **Password: HE!Xt13Gf4&0**
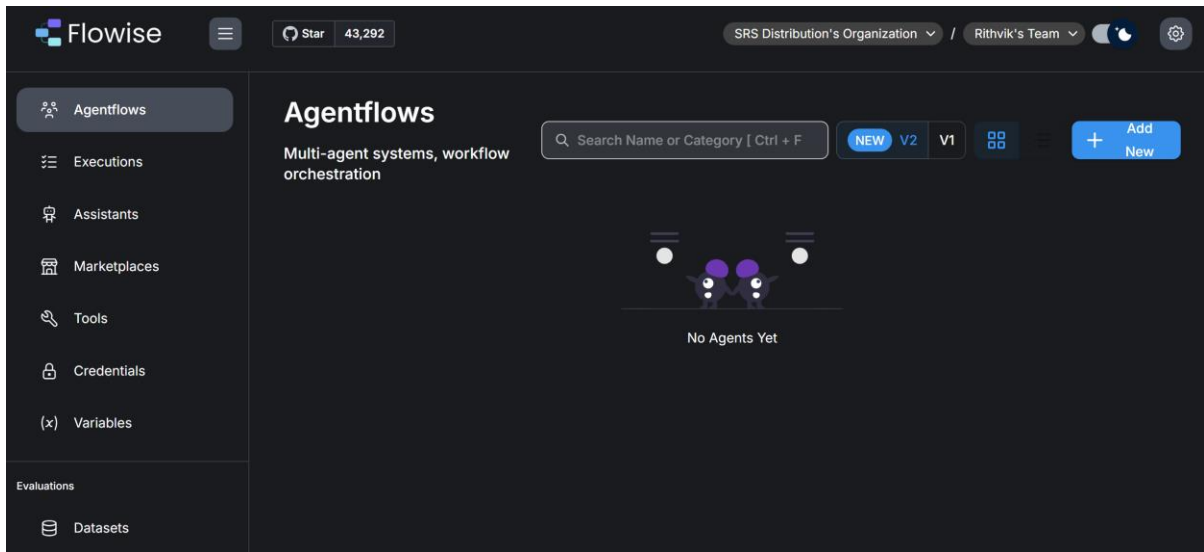
2.3 Dashboard Access

- Upon successful login, you'll be redirected to the main Flowise dashboard

- Make sure to select the SRS Distribution Organization and Your team's workspace
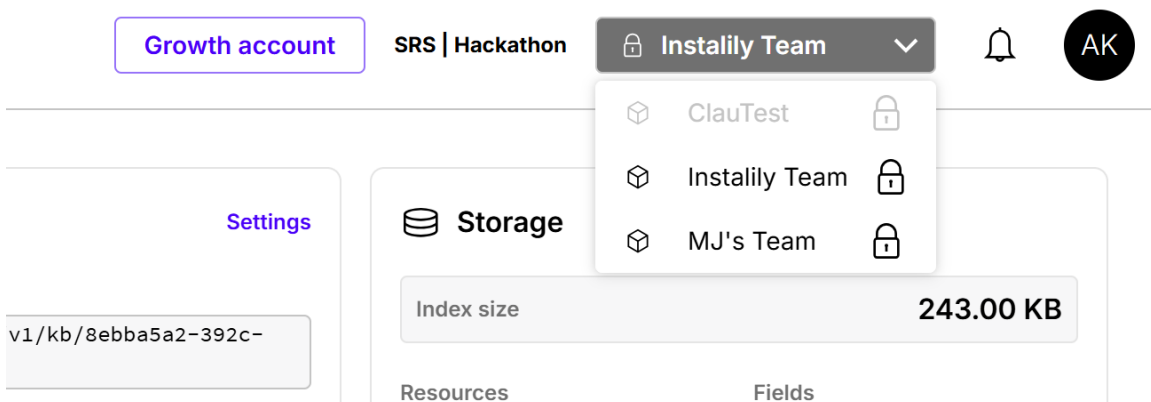
- Take a moment to familiarize yourself with the interface layout

Step 3: Nuclia Configuration (For RAG Tool)

3.1 Accessing Nuclia

• Open a new browser tab

• Navigate to Nuclia Cloud (https://nuclia.cloud)

• **Email Field: innovationsummithackathon@gmail.com**

• **Password Field: HE!Xt13Gf4&0**

• Select the team's KB from the Top Right drop-down

• From the main page of Knowledge Box copy the NucliaDB API Endpoint and save it for later use
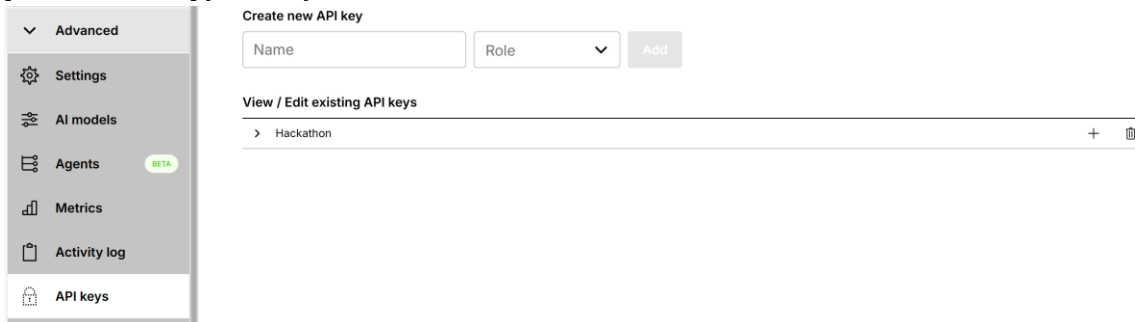

Knowledge Box: Instalily Team   Settings

NucliaDB API endpoint

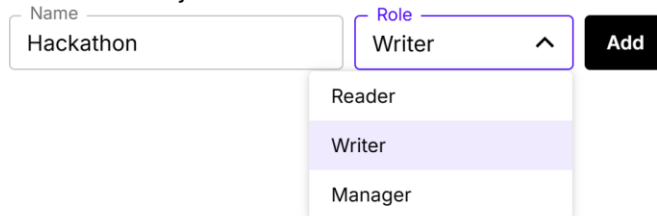https://aws-us-east-2-1.nuclia.cloud/api/v1/kb/8ebba5a2-392c-4a90-92ea-7895ebe7e528

• Expand the Advance section and create an API Key by name Hackathon with Writer permission. Copy the key and save it for letter use
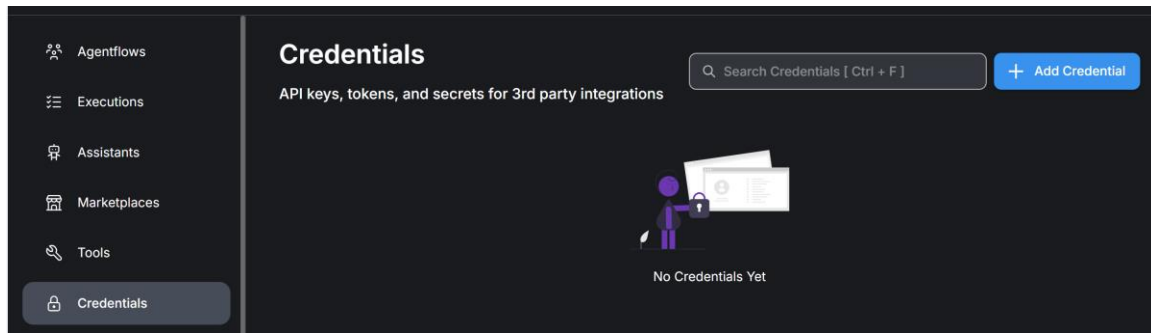

Step 4: Credentials Setup

4.1 Accessing Environment Settings

• Return to your Flowise dashboard

• Look for Credentials in the left sidebar

• Click on add credentials

4.2 Adding Required Keys

Add the following environment variables one by one:

OpenAI Configuration

• **Variable Name:** OPENAI_API_KEY
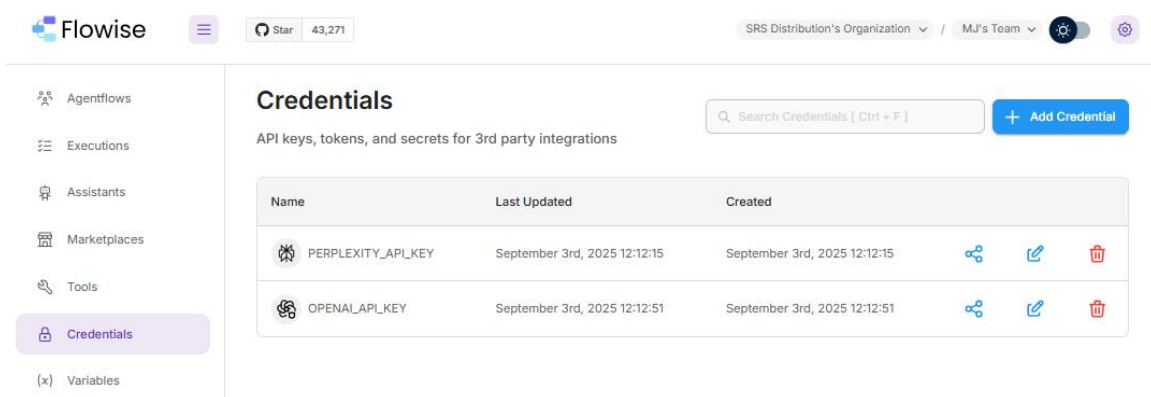
• **Variable Value:** sk-proj-
Dd1HRWvzw776fG_pVcHXv6grmQJQM9bDimQSZ3fbBqEOuOoW0mD5wSicvuPbyYxyRa7w
Zr4vyCT3BlbkFJ4LQ-
VZCagGeiSjCEYz9xA9wsYbLHZZZY_HXs2qIsDWCk_0pgkuE2IEDNhq3QOfT5o_v6ODnuQA
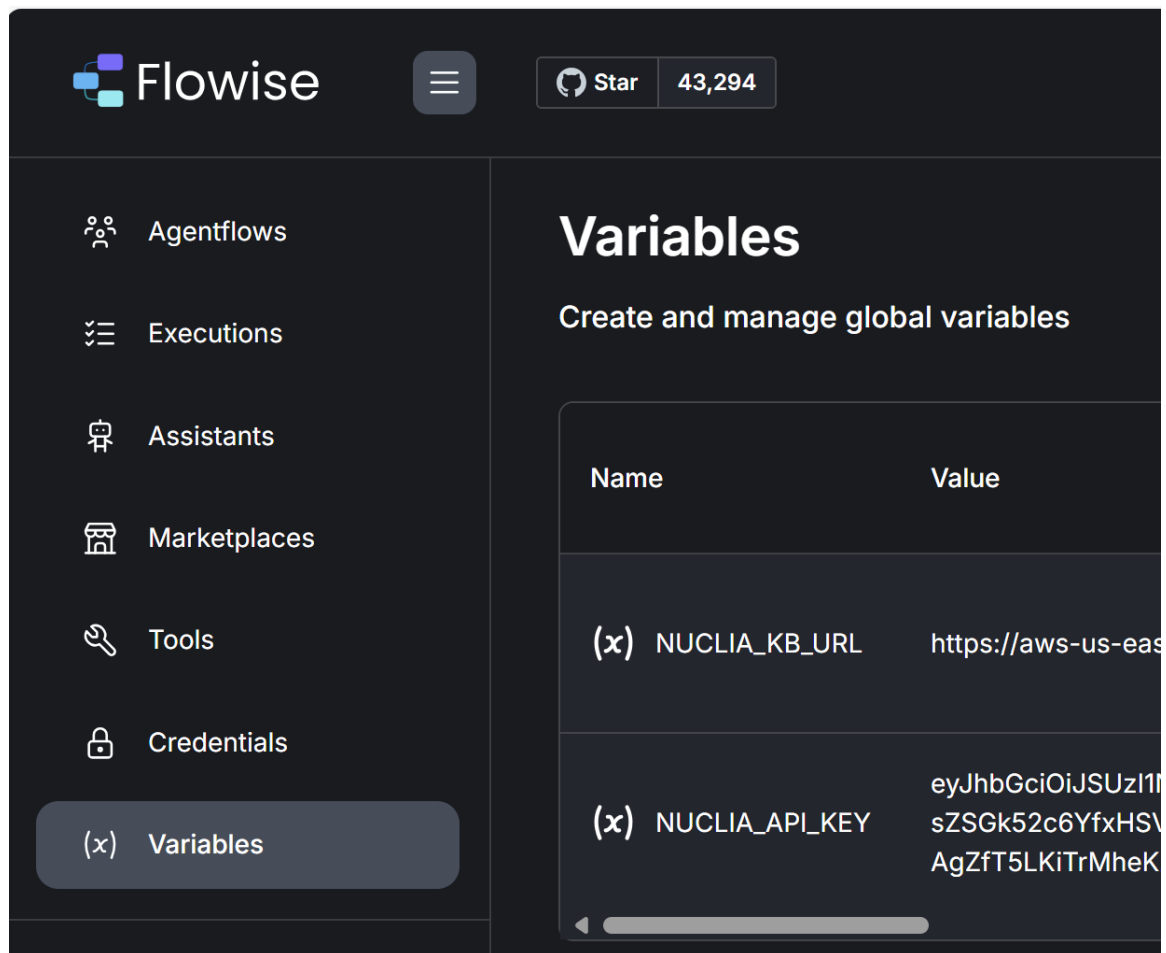
Perplexity Configuration

• **Variable Name:** PERPLEXITY_API_KEY

• Variable Value: 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

Step 5: Variables Setup

Look for Variables on left side

Nuclia Configuration

- **Variable Name:** NUCLIA_API_KEY

- **Variable Value:** The API Key created earlier

- **Variable Name:** NUCLIA_KB_URL

- **Variable Value:** The endpoint copied earlier

Saving Configuration

- Click Save or Apply after adding each variable

- Verify all variables are properly saved

- Return to the main dashboard

Documentation Links

• Flowise Official Documentation: https://docs.flowiseai.com

• Nuclia API Reference: https://docs.nuclia.dev

• OpenAI API Documentation: https://platform.openai.com/docs

• Perplexity API Documentation: https://docs.perplexity.ai

Best Practices

• Start Simple: Begin with basic flows and gradually add complexity

• Test Frequently: Test your flows at each development stage

• Document Everything: Keep notes on your flow logic and decisions

• Optimize Performance: Monitor execution times and optimize accordingly

Advanced Features to Explore

• Conditional Logic: Implement if-then-else scenarios

• Error Handling: Add robust error handling mechanisms

• Data Transformation: Use nodes to transform data between steps

• External Integrations: Connect with databases, APIs, and services