Information Technology for Logistics

Part 2: N8N

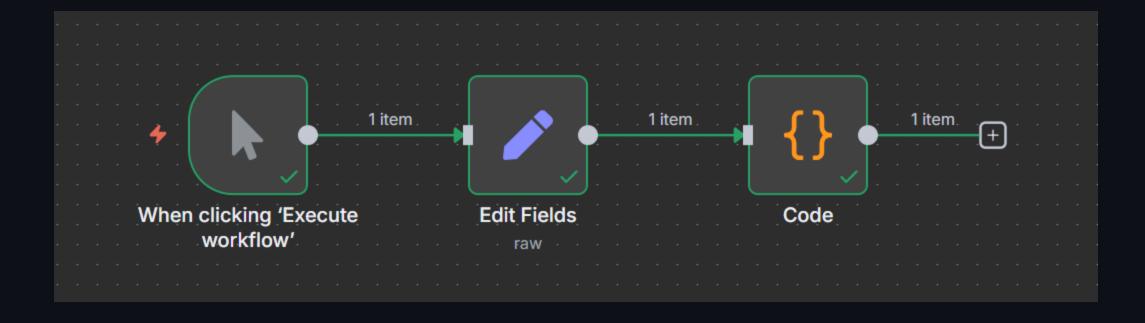
What is it?

n8n is an open-source workflow automation tool that allows users to automate tasks and connect different apps, services, and APIs using a simple, visual interface.

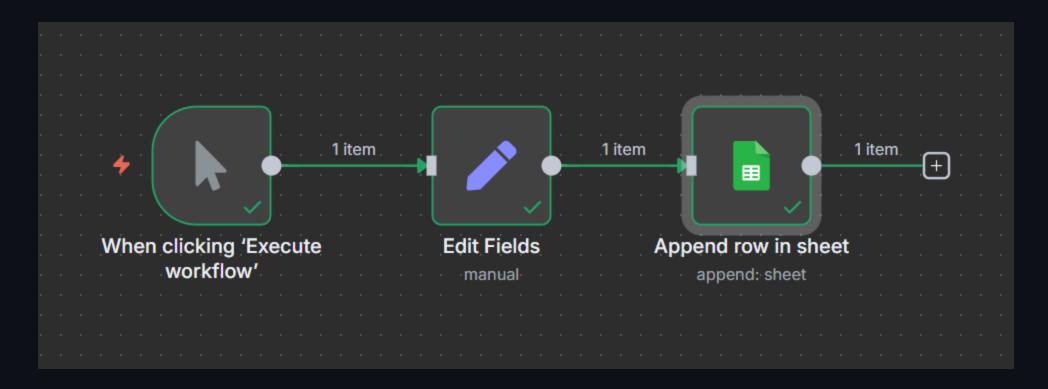
Installation

Guide

Basic Flow 1



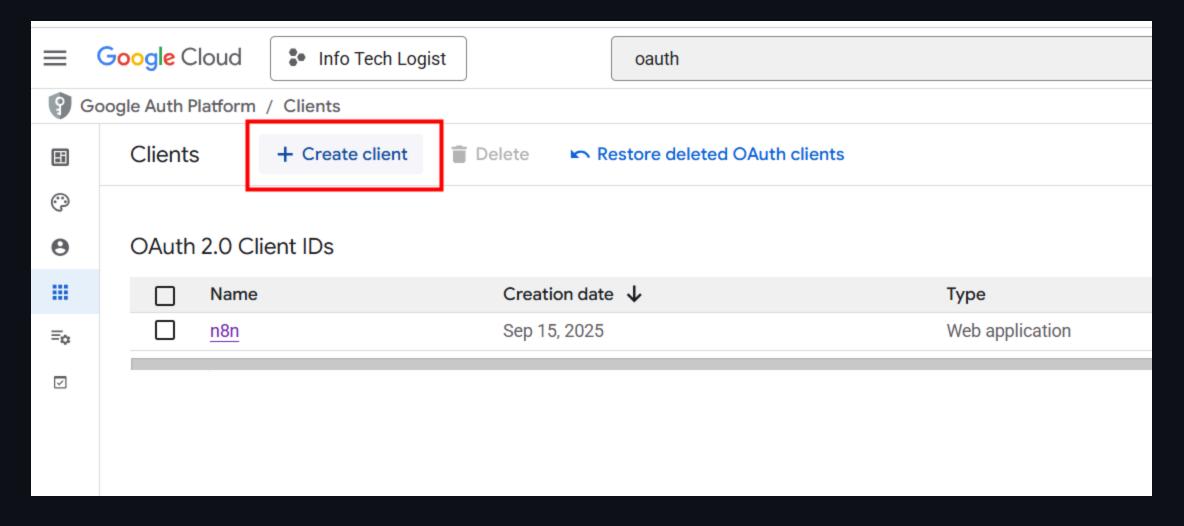
Google Sheet



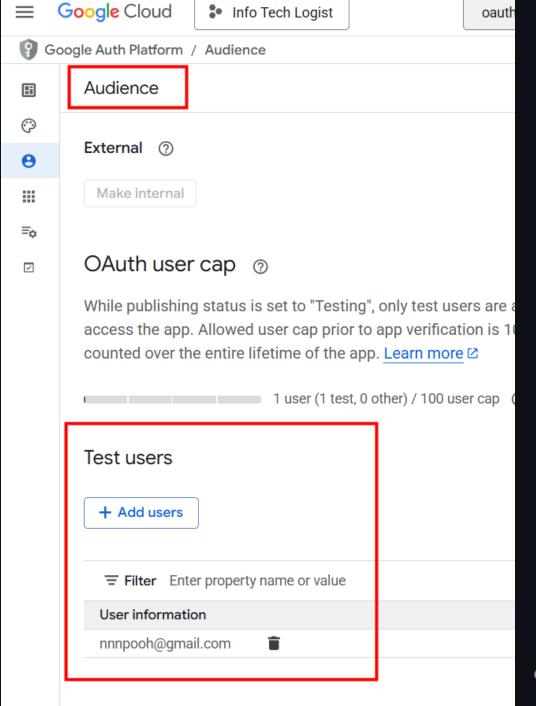
Google Sheet

- Create new project in Google Cloud Platform
- Enable Google Sheet API
- Create "App" from the "Consent Screen"
- Create client from the app
- Add test user
- Enable Google Drive API

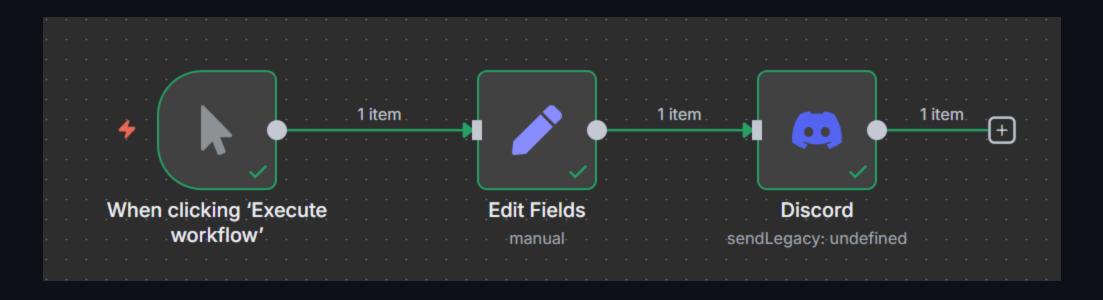
Create Client



Add Test User



Notification



Sensor

```
CREATE TABLE IF NOT EXISTS sensor_light (
  id INT PRIMARY KEY AUTO_INCREMENT,
  value VARCHAR(20) NOT NULL UNIQUE,
  created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
);
```

Bookstore System

ALTER TABLE iebookstore.orderdetail ADD COLUMN IF NOT EXISTS created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP;