

# Technical Test Project

Please complete this assessment.

You can find the repository with the PDF for challenge 1 and the code for challenge 2 here:

<https://github.com/DaveTravelZap/Workflow-and-UI-Automation-Developer-Tech-Challenge/tree/master>

1. Upload the project to a public GitHub repository and share the link.
2. Ensure the project can be run on Windows, macOS, and Linux.
3. Ensure the project does not crash and handles errors gracefully.

Please send any questions about this test project to [dave@destify.com](mailto:dave@destify.com).

## Deliverables:

1. Create a pull request to master branch with the code changes and other items mentioned below.
  - a. You can remove the link to your n8n webhook before sharing, if you have security concerns.
  - b. Please include
    - i. the n8n JSON workfile file
    - ii. A screenshot of your n8n workflow including date and time from computer
    - iii. A Screen shot of the Success screen with the data from the imported file in Challenge 1 including date and time from computer
    - iv. A Screen shot of the Error Screen you created including date and time from computer

## Challenge 1:

Create an n8n workflow with a webhook trigger that uses AI to extract information from a [mock initial call transcript](#) into a JSON object.

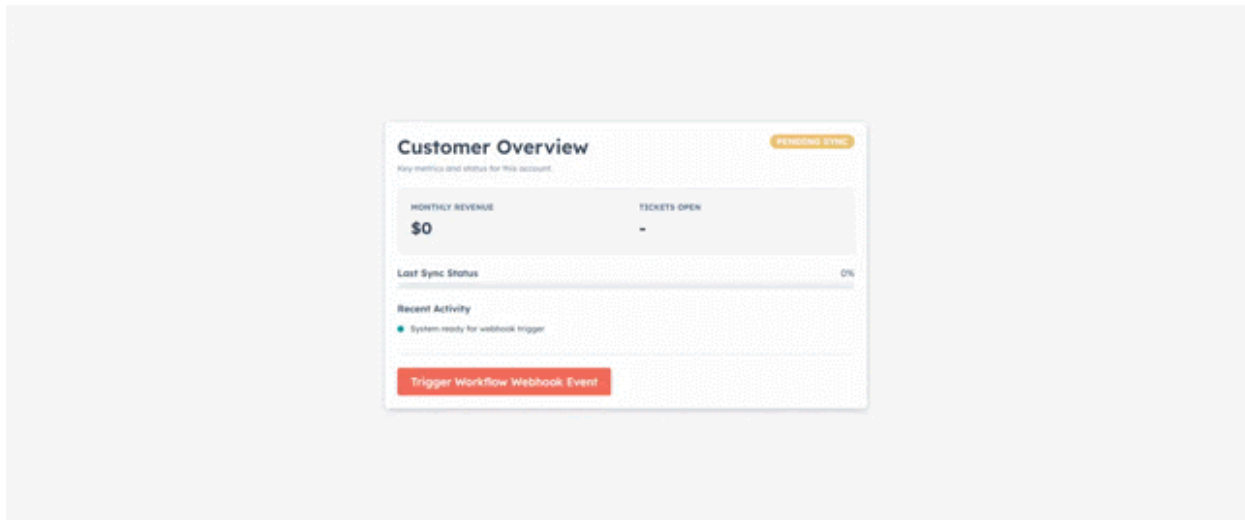
Properties to return from extracted data

- Budget (HubSpot Drop Down: budget, economy, elevated, luxury)
- Lead Name (string)
- Lead Email (string)
- Representative (string)
- Destinations (Array<string>)
- Guest Count Range (HubSpot Drop Down: < 10, 10-20, 20-50, 50-100, 100+)
- Adults Only? (bool)
- Flights needed? (bool)

## Challenge 2:

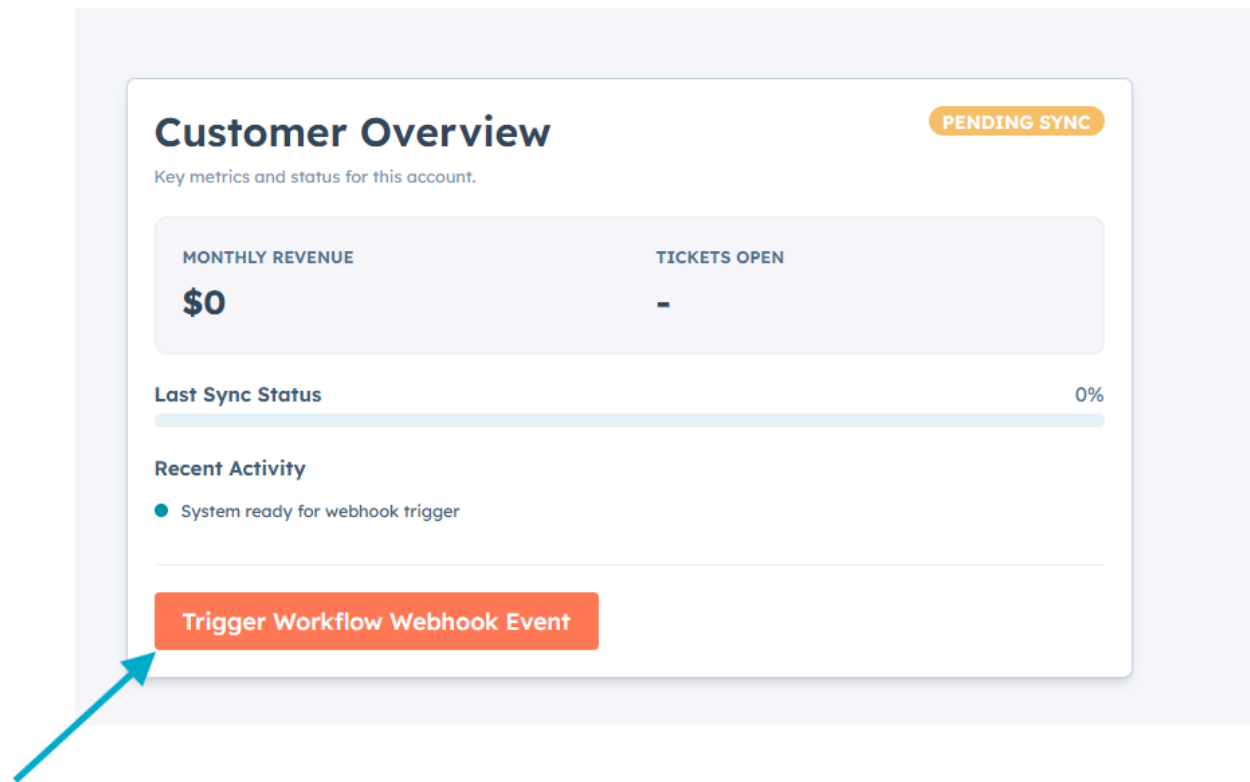
Replace the Mock API call in the HubSpot Playground UI React app with a webhook call to the n8n workflow from Challenge 1. Replace the mock data that is currently returned with the data from your n8n workflow. Recreate the error state. Add a button to automatically cause the API to fail to reveal the error state.

GIF Demo:

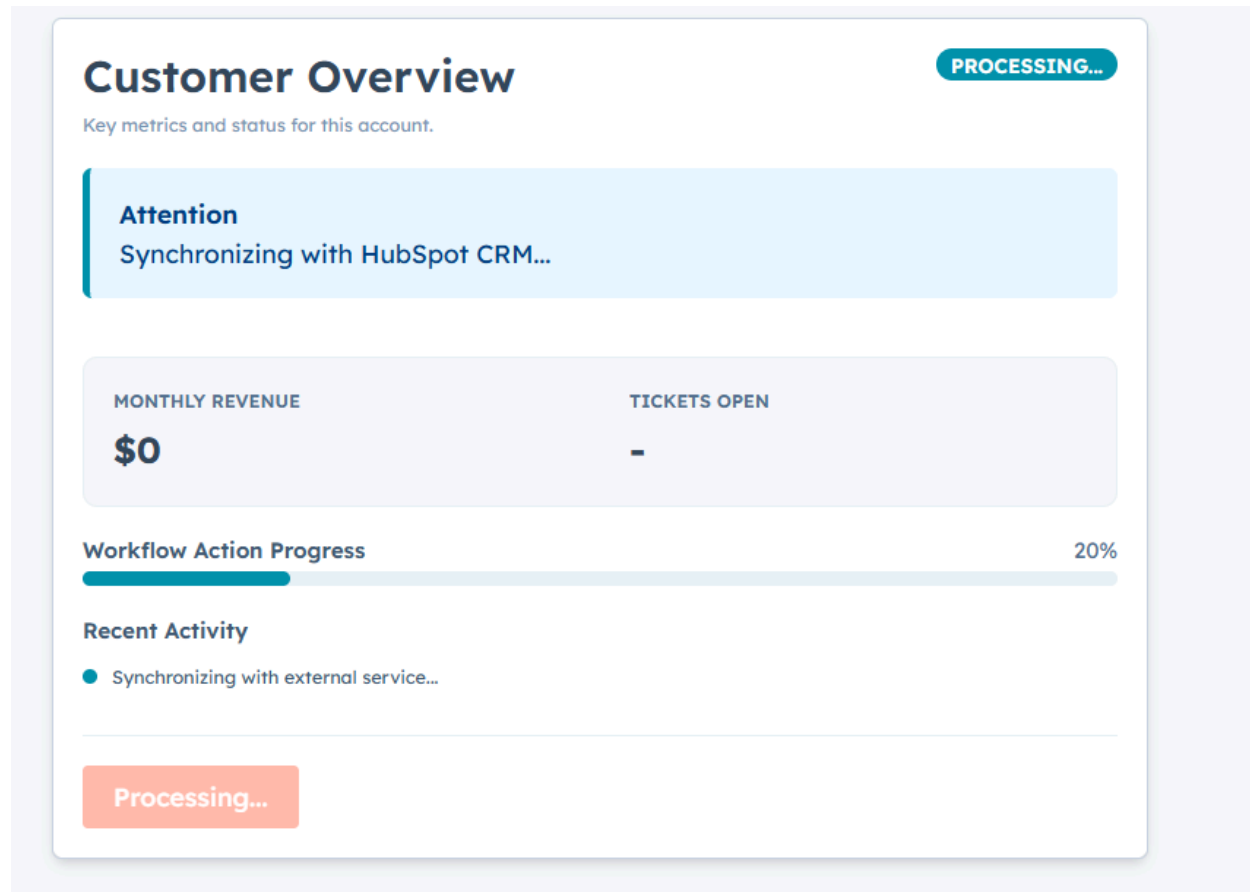


### Initial State:

Press button to trigger mock API call:



**In Progress State:**



**Success State:**

Replace “Received Webhook Data” with data from Challenge 1.

## Brian's Overview

SYNCED

Action synced for HubSpot

### Attention

Workflow action completed successfully!

#### RECEIVED WEBHOOK DATA

|              |                   |
|--------------|-------------------|
| Callback ID: | cb-123456789      |
| Object ID:   | 101               |
| Contact:     | Brian Halligan    |
| Email:       | brian@hubspot.com |

#### Last Sync Status

100%

#### Recent Activity

- Sync completed successfully

Trigger Workflow Webhook Event

### Error State:

Create Error Screen and a button to trigger the Error State

# Customer Overview

FAILED

Key metrics and status for this account.

## Sync Error

Webhook delivery failed: Timeout connecting to external service.

MONTHLY REVENUE

\$0

TICKETS OPEN

-

Sync Interrupted

60%

## Recent Activity

- System ready for webhook trigger

Retry Sync