

Feature: Test N01 — User Posts Report

Objective

The purpose of this test is to demonstrate a data aggregation workflow using two API endpoints. The test retrieves user and post data, groups them logically, and then displays the combined results in a user interface.

Workflow Overview

API Request	GET /posts
Group posts by	userId
API Request	GET /users
Group users by	id
Render Data to UI via	ui-output.html.feature

Data Flow Description

The workflow begins by calling two public endpoints from jsonplaceholder.typicode.com. The first API returns a list of posts, grouped by the ID of the user who created them. The second API returns user details, grouped by user ID. Once both sets of data are structured, they are combined and passed to a UI rendering template to produce a report-like interface.

Expected UI Output

Once the data is fetched and grouped, the ui-output.html.feature template renders the data in a user interface, showing a list of users and their associated posts.

Leanne Graham (@Bret) - Post: sunt aut facere repellat provident occaecati excepturi - Post: qui est esse **Ervin Howell** (@Antonette) - Post: nesciunt quas odio - Post: dolore eum magni eos aperiam

Summary

- 1 Two APIs are called: posts and users.
- 2 The results are grouped by their identifiers (userId and id).
- 3 The grouped results are passed to a UI feature that displays the aggregated data.
- 4 The final output is an HTML report showing users and their corresponding posts.