QA Case Study

At Thryve we help healthcare companies around the globe to access their users wearable data. On a very high level that basically means data is sent to Thryve where it is processed and stored, when new data is successfully processed a webhook is sent to inform that new data is available and this new data can be drawn via our Wearable API.

Task 1: Build a very simple positive test case for the main data flow of Thryve's Wearable API

We have created an app for you on our QA environment. You have received all necessary credentials via a separate link. These credentials are:

- Basic Authorization (base64 encoded `user:password`)
- AppAuthorization (base64 encoded `appId:appSecret`)
- A putsreq ID

We have configured the app to send webhooks to a service called putsreq.com. You can view the requests sent to the service in the browser via https://putsreq.com/{{id}}/inspect. You can access the latest webhook sent to the endpoint via GET https://putsreq.com{{id}}/last. Please note that webhooks are only sent for new or updated data points. Sending the same data point multiple times will not result in a new webhook.

Please find all remaining information via our public documentation: https://thryve.health/api-doc/.

> **Note:** For the test environment, you need to use a different base URL, which is **https://qa.und-gesund.de/restjson** instead of https://api.und-gesund.de.

Steps:

1. Generate a Thryve user with an accessToken (documentation reference)
2. Upload a single epoch or daily data point (documentation reference)
3. Check the last posted data as webhook ({webhookURL}/last)
4. Download the data via Thryve API and compare the results (documentation reference)

Task 2: Imagine you are tasked to develop a comprehensive test coverage for the main data flow you have worked in Task 1. How would you approach this task and what areas would you focus on covering? Think about anything that comes to your mind to expand on the test coverage.