

# Coding Exercise Instructions

## Overview:

The following exercises are designed to evaluate your skills in automating both website interactions and API testing. You may use any tool or language you feel comfortable with. Please submit your solutions to both exercises in a GitHub repository 48 hours before your interview.

## UI Automation Test exercise

### Test Case:

1. **Open Airalo's Website:**
  - Launch a browser and navigate to [Airalo's website](#).
2. **Search for Japan:**
  - In the search field on the home page, type "Japan" and select the "Japan" destination from the "Local" section in the autocomplete options.
3. **Select an eSIM Package:**
  - On the next page, choose the first eSIM package.
  - Click on "Buy Now."
4. **Verify Package Details:**
  - In the popup that appears, ensure the following details are accurate:
    - **Title:** Moshi Moshi
    - **Coverage:** Japan
    - **Data:** 1 GB
    - **Validity:** 7 days
    - **Price:** \$4.50

## Exercise about API Testing

### Task 1: Automate API Requests and Verify Responses

**Objective:** Automate requests to the Airalo Partner API and validate the responses.

### Instructions:

1. **Explore the API:**
  - Visit [Airalo API Documentation](#) to understand the available endpoints and their usage.
  - Note the endpoints you will be using in the exercise.

## 2. Authentication:

- Obtain OAuth2 tokens to access the Airalo Partner API, using the provided credentials:

- **client\_id:** 974d515d41f86868eccd2d22aae8d10e

- **client\_secret:** tILYEqQRq5PnZ5nccQZ1liVugUWhZN2UveJZ9rVa

## 3. Endpoint 1:

- Use [this endpoint](#) to POST an order for 6 "merhaba-7days-1gb" eSIMs.
- Ensure you have a valid OAuth2 token before making the request.

## 4. Endpoint 2:

- Use [this endpoint](#) to GET a list of eSIMs.
- Ensure the list contains 6 **eSIMs**, and that all of them have the "merhaba-7days-1gb" package slug.
- Ensure you have a valid OAuth2 token before making the request.

## 5. Create Automated Tests:

- Write scripts using a language and framework of your choice to automate the sending of requests to these endpoints.

## 6. Verify Responses:

- Assert the correctness of the responses, including:
  - **Status Codes:** Ensure each request receives the appropriate HTTP status code.
  - **Response Body:** Check the response body for the correct information, including order details and eSIM properties.

## 7. Expected Output:

- A script that automates the process of sending requests and verifying responses, along with documentation.

# Submission Guidelines:

## 1. GitHub Repository:

- Create a public GitHub repository for your solutions to both exercises.
- Include all necessary files and dependencies to run the tests.

## 2. ReadMe File:

- Provide a **ReadMe** file that includes:
  - Instructions on how to set up and run each test.
  - An overview of your approach to implementing each test case.

## 3. Deadline:

- Submit the repository link at least 48 hours prior to your interview.

## 4. Timebox :

- Please try to limit your time spent to no more than 2-3 hours