

API Configuration Documentation

Overview

This document outlines the required API configuration for the take-home assignment. Your API must implement the endpoints described below exactly as specified to ensure proper evaluation of your submission.

Base Requirements

- Your API should be accessible via HTTP/HTTPS
- All responses should use proper HTTP status codes
- All data exchanges must be in JSON format

Required Endpoints

1. Health Check Endpoint

This endpoint provides a simple status check to verify the API is running.

Request:

- Method: GET
- Path: <YOUR-BASE-URL>/health

Response:

- Content-Type: application/json
- Status Code: 200 OK (if healthy)
- Body:

```
{
  "status": "healthy"
}
```

2. Assessment Recommendation Endpoint

This endpoint accepts a job description or Natural language query and returns recommended relevant assessments (At most 10 (minimum 1)) based on the input.

Request:

- Method: POST
- Path: <YOUR-BASE-URL>/recommend
- Content-Type: application/json
- Body:

```
{
  "query": "JD/query in string"
}
```

Response:

- Content-Type: application/json
- Status Code: 200 OK (if successful)
- Body:

```
{
  "recommended_assessments": [
    {
      "url": "Valid URL in string",
      "adaptive_support": "Yes/No",
      "description": "Description in string",
      "duration": 60,
      "remote_support": "Yes/No",
      "test_type": ["List of string"]
    }
  ]
}
```

Response Fields Explanation

For the `/recommend` endpoint response:

Field	Type	Description
url	String	Valid URL to the assessment resource
adaptive_support	String	Either "Yes" or "No" indicating if the assessment supports adaptive testing
description	String	Detailed description of the assessment
duration	Integer	Duration of the assessment in minutes
remote_support	String	Either "Yes" or "No" indicating if the assessment can be taken remotely
test_type	Array of Strings	Categories or types of the assessment

Example Response

```
{
  "recommended_assessments": [
    {
      "url": "https://www.shl.com/solutions/products/product-catalog/view/python-new/",
      "adaptive_support": "No",
      "description": "Multi-choice test that measures the knowledge of Python programming, databases, modules and library. For",
      "duration": 11,
      "remote_support": "Yes",
      "test_type": ["Knowledge & Skills"]
    },
    {
      "url": "https://www.shl.com/solutions/products/product-catalog/view/technology-professional-8-0-job-focused-assessment/",
      "adaptive_support": "No",
      "description": "The Technology Job Focused Assessment assesses key behavioral attributes required for success in fast-pa",
      "duration": 16,
      "remote_support": "Yes",
      "test_type": ["Competencies", "Personality & Behaviour"]
    }
  ]
}
```

Testing Your API

Before submitting your API link, please verify that:

- 1. Both endpoints are functioning correctly
- 2. The response formats match exactly what is specified