

Technical Architect Technical Test

Find A Legal Adviser API

Problem Description

The Ministry of Justice has several systems that need to access a single shared directory of legal advisers in England & Wales, accessible as an API via HTTP. The primary use of this API will be to provide data to the Find A Legal Aid Adviser service:

<https://find-legal-advice.justice.gov.uk>

Task

Build a HTTP API using technologies of your choice. The API should implement two methods:

1. List all providers, with the ability to filter on legal categories (housing, immigration, etc.) and organisation type (charity, solicitor, etc)
2. Get details for a single legal provider by a unique ID

Important notes:

- The current Find A Legal Aid Adviser public service includes the ability to search by location and provider name. **Neither are required in this exercise.**
- This is a public API, so **no authentication or authorization is required**
- **No user interface is required**, only a HTTP data API

Deliverables

Provide a zip file including your code and a readme containing instructions for running the API in a local development environment, and any other relevant information required for others to work on the codebase.

Instructions

1. Download the CSV file of legal provider data (`legal-providers.csv`) from this Github repository: <https://github.com/ministryofjustice/ta-tech-test-materials>
 - a. The first row contains headings
 - b. The `org_type` column contains one of:
 - i. `charity`
 - ii. `mediation`
 - iii. `private`
 - iv. `Solicitor`

- c. Columns prefixed with `cat_` are categories of legal advice, and contain a value of 1 or 0 to indicate `true` or `false`
- 2. Spend **no more than one hour** developing the API
- 3. Email your finished codebase as a zip file back in reply to the original email with these instructions