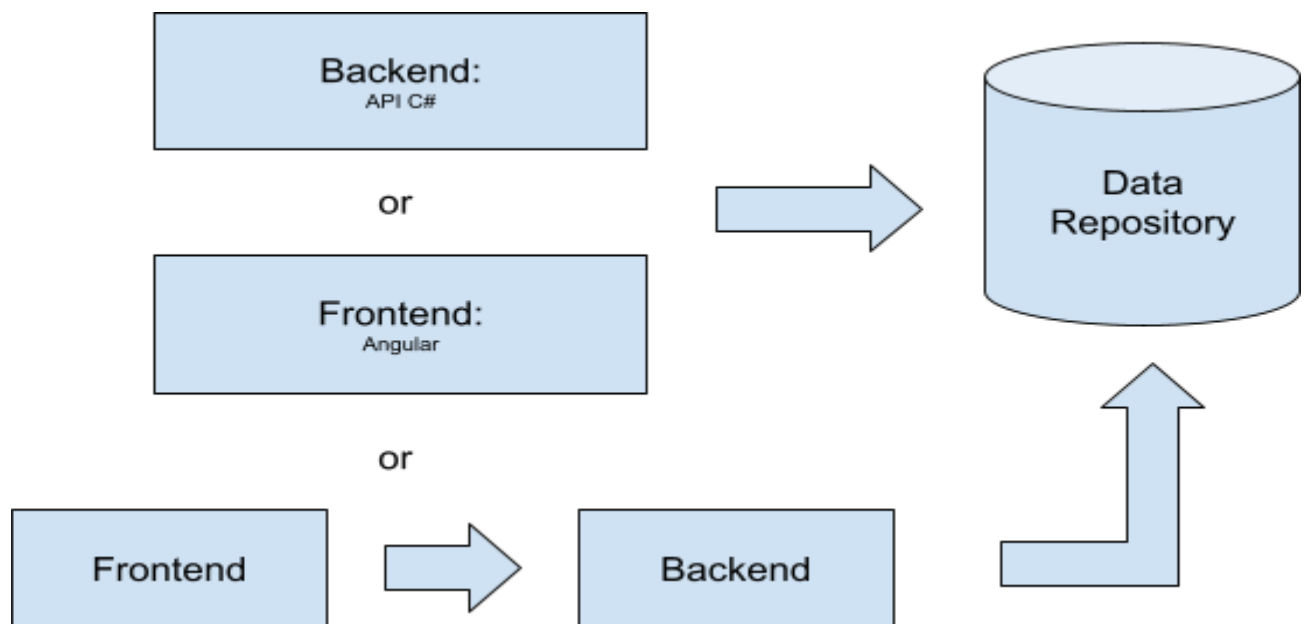


Assessment Questions



What is the data repository?

It is a third party API.

Request:

Route: <https://api.assessment.skillset.technology/a74fsg46d/posts>

Method: GET

Query Parameters:

tag : String (required) - The tag associated with the post.

Response: list of **Post** that contains the tag

Example: <https://api.assessment.skillset.technology/a74fsg46d/posts?tag=tech>

Notice, single tag filtered by request.

Check the response example below.

Response:

```
{
  "posts": [
    {
      "id": 1,
      "author": "Rylee Paul",
      "authorId": 9,
      "likes": 960,
      "popularity": 0.13,
      "reads": 50361,
      "tags": [ "tech", "health" ]
    }
  ]
}
```

What is necessary to be created?

Create an interface to wrap this data repository and allow us to retrieve the Posts object in a different way. This interface can be backend, or frontend, or both. But you need to consider the following requirements.

Request:**Route:** /posts**Method:** GET**Query Parameters:**

Field Name	Type	Description	Default	Example
tags	String (required)	A comma separated list of tags	N/A	science,tech,design,culture
sortBy	String (optional)	The field to sort the Posts list. The acceptable fields are: <ul style="list-style-type: none">- id;- reads;- likes;- popularity.	id	popularity
direction	String (optional)	The direction for sorting. The acceptable values are: <ul style="list-style-type: none">- desc;- asc.	asc	desc

Successful Response:

- A list of all Posts that have at least one tag specified in "tags" parameter
- Not allowed to have a duplicated Post. (Remove duplicates)
- The result should be sorted by "sortBy" and with the direction specified on the "direction" parameters. Or by the default value of these parameters if not specified.

Error Response:

- If "tags" parameter is not present, show error: "tags parameter is required"
- If "sortBy" or "direction" are invalid values, show the respective error.
 - "sortBy parameter is invalid"
 - "direction parameter is invalid"