Case - QA Manager



**We are asking you to work on one of the two following questions. Bonus, if you work on both.**

**Question #1 - REST**

* **Design** a Restful API according to the requirements below.
* **Write** test cases for the API that you’ve designed.
* Code API **automation** for the test cases, using your choice of language and test framework.
* Include readme.md inside your project to describe how to execute the project.
* **Design** CI/CD and provide a config script for your work using your choice of tool.

#### Requirements

At Pointr, we produce maps for large sites (eg. hospital campus) which typically consist of multiple buildings. So we need a series of APIs to exchange information with our CMS.

1. **Site API**

* API to import a new Site
* API to retrieve an existing Site
* API to delete a Site

1. **Building API**

* API to import Buildings
* API to retrieve an existing Building
* API to delete a Building

1. **Levels API**

* API to import single or multiple levels

**Question # 2 - UI**

* Use a **UI automation tool** to validate the two requirements below are working as expected. You are free to use whatever language or test framework you want.
* Include readme.md inside your project to describe how to execute the project.
* **Design** CI/CD and provide a config script for your work using your choice of tool.

#### Requirements

* Go to [https://www.pointr.tech/blog](https://www.google.com/url?q=https://www.pointr.tech/blog&sa=D&source=editors&ust=1755616190146684&usg=AOvVaw3vWupaPP0fpEXY_IQUFZZi)
* Verify that all articles have loaded.
* Find the most repeated 5 words in the latest 3 articles and save them (with their repeat count) into a .txt file.
* Your implementation should support at least 2 browsers.