

Test Suite

You need to create a Test suite which will test 3 APIs of the current SkenarioLabs platform.

- 1) Create Building
- 2) Delete Building
- 3) Get Buildings

For Creation of the building you can use the API:

<https://api.skenarios.com/api/v1/portfolio/4116/building>

Which takes the JSON such as:

```
{
  "groupId": "test",
  "buildingId": "1234qw",
  "description": "My building's notes",
  "address": "Betonimiehenkuja 3",
  "postalCode": "02150",
  "city": "Espoo",
  "country": "FI",
  "buildingType": "office",
  "floors": 6,
  "floorArea": 60,
  "buildYear": 1964,
  "volume": 4000,
  "balconies": 0,
  "units": 50,
  "lifts": 0,
  "latitude": 60.1805653,
  "longitude": 24.832332299999997,
  "buildingName": "My building's name",
  "polygonUniqueId": "string",
  "propertyGroupId": 0,
  "propertyBuildingId": 0,
  "buildingPrototype": "string",
  "grossInternalArea": 58,
  "netInternalArea": 56,
  "attributes":[
    {
      "key":"NUMBER_OF_ROOMS",
      "value":4
    }
  ]
}
```

Please only use groupid of “test” everything else can be modified to suit your needs
(Some attributes and values are not mandatory)

For a Deletion of the property building you can use

<https://api.skenarios.com/api/v1/portfolio/4116/building/{buildingId}>

For Getting the property buildings of the whole portfolio you can use:

<https://api.skenarios.com/api/v1/portfolio/4116/building>

APIs are secured with the Bearer token for which you can use the token:

eyJhbGciOiJIUzUxMiJ9.eyJpYXQiOiJlMzQ1NTE2OTksImp0aSI6ImhTZ2VQMTdMeW51aGg0RINMb3NlY0dZWEZWZUZyM0ZllwiYXVkljoiYXBpLnNrZW5hcmlvcy5jb20iLCJpc3MiOiJza2VuYXJpb3MuY29tliwic3ViljoiaWxqYSt0ZXN0LWVuZ2luZWVyQHNRZW5hcmlvbGFicy5jb20iLCJ1c2VyTmFtZSI6ImIsamErdGVzdC1lbmdpbmVlckBza2VuYXJpb2xhYnMuY29tliwiZW1haWwiOiJpbGphK3Rlc3QtZW5naW5lZXJAc2t1bmFyaW9sYWJzLmNvbSIsInNrZW5hcmlvc1VzZXJJZC16Mjg3NCwib3JnYW5pemF0aW9uSWQ1OiJlMzQ1NTE2OTd9.Ori_7MMx0q5tBGwKJPyCabDDi-B0u5P0dpdSO6w3aDdudmoqnWZCty5WTSqFsZd7mzH0un8zKSaoKC-JRcs0Q

You can find more information on the APIs from the swagger documentation by following <https://app.skenarios.com/ui/vendor/swagger-ui/>

This will return you a paginated list of property buildings within that portfolio.

You should have a test suite which will run multiple tests for these APIs and clean up after it's done.

It's up to the candidate to decide which tests to write and which aspects of the APIs to test, but tests should be easily triggered / usable within the CI/CD pipeline.

Notes

It's up to the candidate to decide what tools to use, it could be a third party tool or the custom made solution.

Try to use the best Testing practices, and add anything that you think is important and is not mentioned in the task.

Submit your task as a public or private github project with a readme including any running instruction, assumptions made, and issues found during the task etc. Please include the commit history.

Scoring Criteria

List of areas/topics that will affect your final score:

- WTFs / minute
- Readability
- Structure
- DRY
- KISS
- Quality
- Performance
- Security
- Documentation
- Innovative solutions (algorithms, used libraries, wow-effect)
- Usage of industry best practices