Task 1. Development

The objective of this exercise is to develop a GitLab client that extracts and analyses the issues of a repository (GitLab project). To achieve this, you must use the [List project issues](#)[1] endpoint of the GitLab REST API along with [pagination](#).[2] For example, the following request retrieves the first page of issues from the [Graphviz](#)[3] repository (project ID = 4207231):

https://gitlab.com/api/v4/projects/4207231/issues?page=1

A template project is provided, including model and unit test classes. Your task is to implement the following functionality by adding new methods to the class **IssueService.java**.

1. Get the first *nIssues* issues from the GitLab project with id = *projectId*. (2.5 points)

2. Get the most voted issue(s) from the GitLab project with id = *projectId*. Limit the search to the first *nIssues* issues. If there are multiple issues with the same number of votes, return all of them. (2.5 points)

3. Get the distinct authors' names (without repetitions) of the issues of project with id = *projectId*. Limit the search to the first *nIssues* issues. (2.5 points)

4. Get the issues (closed or not) opened for more than one year in the project with id = *projectId*. Limit the search to the first *nIssues* issues. (2.5 points)

---

[1] https://docs.gitlab.com/api/issues/#list-project-issues
[2] https://docs.gitlab.com/api/rest/#pagination
[3] https://gitlab.com/graphviz/graphviz