Java CLI application that will track system issues in a Google's Spreadsheet

The user of the app can perform the following actions:

A) **Create** a new issue with params:

- description [required]
- parent issue id [optional]

B) **Update** the status of an existing issue with the following parameters:

- the existing issue id [required]
- status (OPEN, IN_PROGRESS, CLOSED) [required]

C) **List** all existing issues by the following parameters:

- status (OPEN, IN_PROGRESS, CLOSED) [required]

For example, the spreadsheet table could be formatted as follows:

ID	Description	Parent ID	Status	Created at	Updated at
AD-1	Customer 360 Job is not ingesting into Search Engine		CLOSED	2024-10-01T10:02	2024-10-02T14:35
AD-2	Databricks Job is failing on parsing DoB	1	OPEN	2024-10-03T16:12	

We expect the app to be:

- written using Java 17+, Spring Boot, and Docker – the CLI should be executable as a Docker container.
- version-controlled via Git with the source code provided on either GitHub, GitLab, or Bitbucket.
- well-designed, following SOLID principles.
- well-organized and modular, using a facade layer so the app is not directly coupled to Google Cloud (allowing future use with Office365, Jira, or any database).
- well-documented, with build and usage instructions included.
- covered by tests, including both unit and functional tests.