

Test Assignment

Outlines

Create a simple data storage application using microservices architecture.

Requirements

1. Users must be able to:
 - a) Upload their files
 - b) Rename the uploaded files
 - c) Delete the uploaded files
 - d) View disk usage information
2. Interface must comprise:
 - a) A file upload form
 - b) Two tabs: one that shows a list of the uploaded files, and the other that provides disk usage information
3. The first tab must display information on:
 - a) Filenames
 - b) Size
 - c) Upload date
4. The second tab must display information on:
 - a) The total size of the files of each file type (for example, *JPG: x MB, DOC: y MB, etc.*)
5. Other demands:
 - a) Microservices architecture (data for each tab must be processed by its own microservice)
 - b) Database: Apache Cassandra
 - c) Framework: Spring Boot
 - d) UI: Angular or Vue
 - e) Message Broker (if needed): NATS or any other