

Sarbacane Quiz

From Sarbacane, we have to manage big lists of recipients that come from our customers, the senders. We need to implement one service which reads a recipient list from CSV file and sends it to another service which manages all these lists storing them in database avoiding repeated recipients, wrong phone numbers and bad email address syntax. Bear in mind there could be more than one service sending a recipient list, and also can be errors in the transactions.

What we expect from you?

- You can implement it using a programming language of your choice, but bear in mind we work with GoLang and Java+Spring framework.
- You may use a database you prefer (mysql, sqlite, mongodb etc.)
- Set Docker containers in order to store your database and compile & execute both services.
- Writing install notes and instructions about how to run your code, is required.
- You should provide some tests. Any test suite/methodology is acceptable.
- It would be nice if you pay attention to concurrency and scalability issues.
- Remember SOLID principles.
- Correct design pattern implementation.
- The API design is completely up to you, As you are defining the API, you may decide the payload properties, the web service type (RPC, REST...), as well as the data format (HTTP POST vars, JSON, XML...). Additionally you can decide how to handle error responses.
- You will be assessed various aspects, including your OOP knowledge.
- Please put your solution in your Github account and share it with us.