

Project Level one requirement

Write a service that verifies a phone number of a customer. This API gets a phone number from a customer as a query param and it should call a third party service to verify the number of the customer.

Acceptance criteria:

1. Follow Mulesoft API development naming convention
2. Write a RAML file
3. Code has to be checked in your team repo
4. There should be appropriate logging
5. During implementation, use validator component so that you can save money from unnecessary 3rd party API call.
6. Password, API key, etc should be encrypted. This has to be achieved using secure properties. Refer:
<https://docs.mulesoft.com/mule-runtime/4.2/secure-configuration-properties>
7. Mule flows needs to handle errors
8. The API should be secured with client id and secret
9. Reconnection strategy needs to be defined
10. All connectors needs to be configured and externalized
11. Secure keys need to be masked when exposed as runtime property
12. There should be Dev, QA and Prod env't
13. Munit coverage should be $\geq 75\%$

The following is the web site where you need to call to verify the phone number of a customer. <https://numverify.com/>. Use free service package.

(If the requirement is not clear, you can ping me).

Good luck!