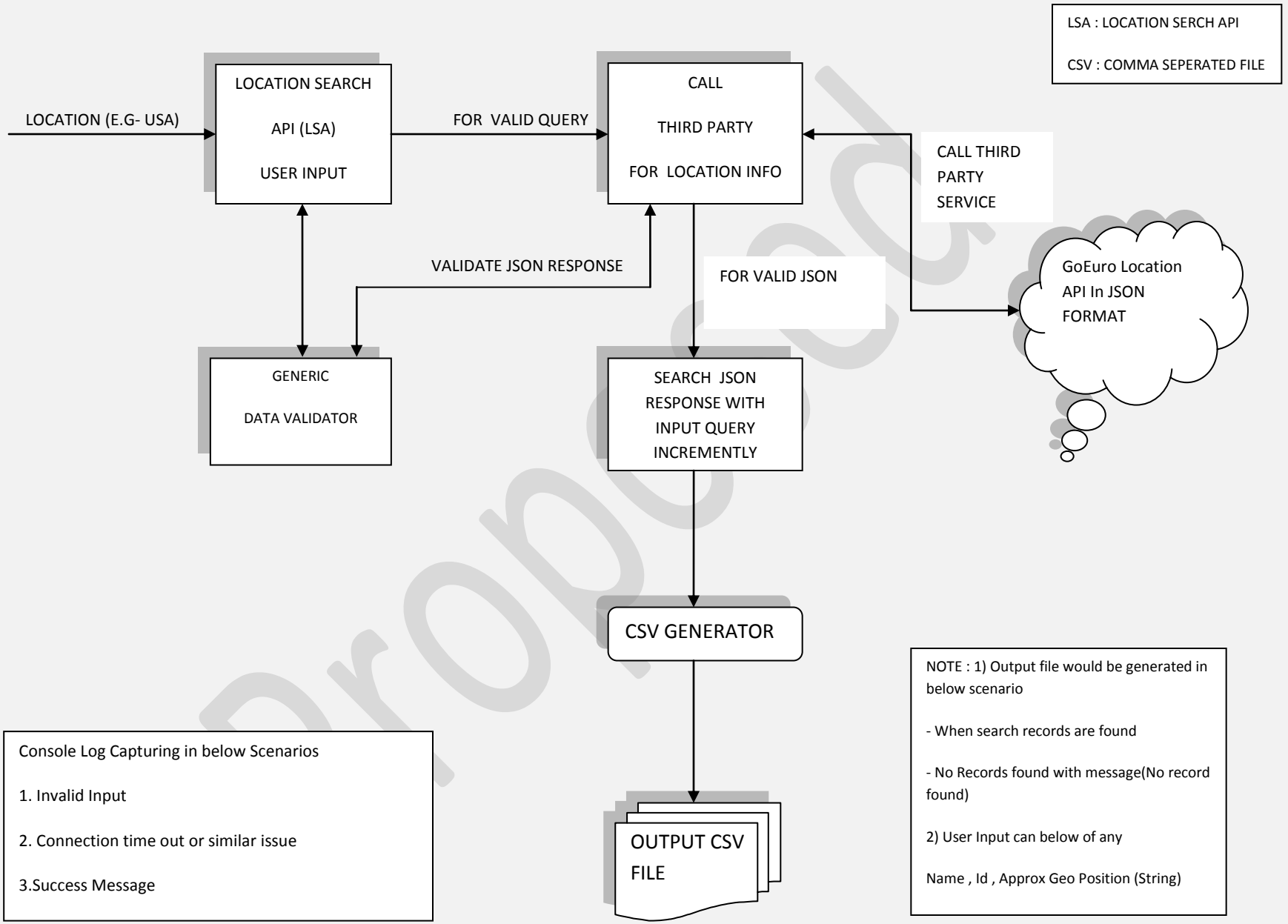
# Location Search API

1 - API Design

2 - Execution Steps and Assumption


LSA : LOCATION SERCH API
CSV : COMMA SEPERATED FILE
LOCATION (E.G- USA)
LOCATION SEARCH API (LSA) USER INPUT
FOR VALID QUERY
CALL THIRD PARTY FOR LOCATION INFO
CALL THIRD PARTY SERVICE
GoEuro Location API In JSON FORMAT
VALIDATE JSON RESPONSE
FOR VALID JSON
GENERIC DATA VALIDATOR
SEARCH JSON RESPONSE WITH INPUT QUERY INCREMENTLY
CSV GENERATOR
OUTPUT CSV FILE
Console Log Capturing in below Scenarios
1. Invalid Input
2. Connection time out or similar issue
3.Success Message
NOTE : 1) Output file would be generated in below scenario
- When search records are found
- No Records found with message(No record found)
2) User Input can below of any
Name , Id , Approx Geo Position (String)

Proposed

Execution Step :

Execution files :

1) GoEuroTest.jar

2) lsa_feeder.properties

Step :

1) Copy GoEuroTest.jar and lsa_feeder.properties

2) Execute the application useing below command

java -jar GoEuroTest.jar berlin

3) Some example execution  java -jar GoEuroTest.jar berlin , java -jar GoEuroTest.jar ber

Assumption in input :

1) It can be wildcard location for example if you search "ber" it will give output for all the location containing "ber"

Proposed