

Project Title : Performance testing of Rest Api.

Project Description :

IP : An API service implementing four REST methods.

O/P : Visualization charts of recorded metrics.

Methods to be tested:

1. Put
2. Post
3. Delete
4. Get

Record following metrics (whichever metric applicable)-

- Response time : best,avg,worst case
- Throughput

Target User :

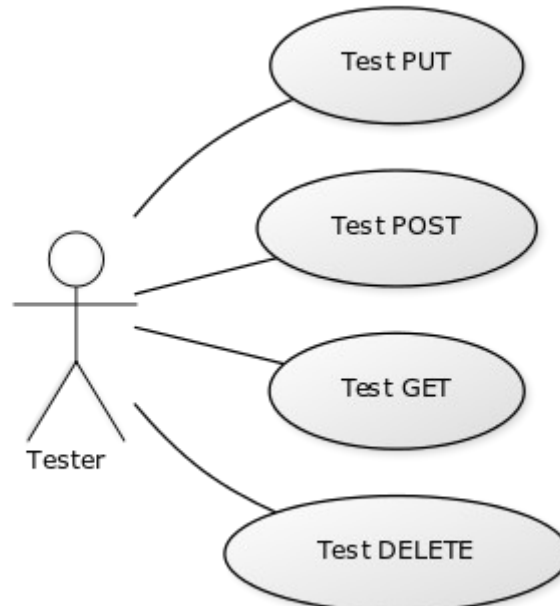
Testers who wish to test the exposed API service .

How user interacts with the system :

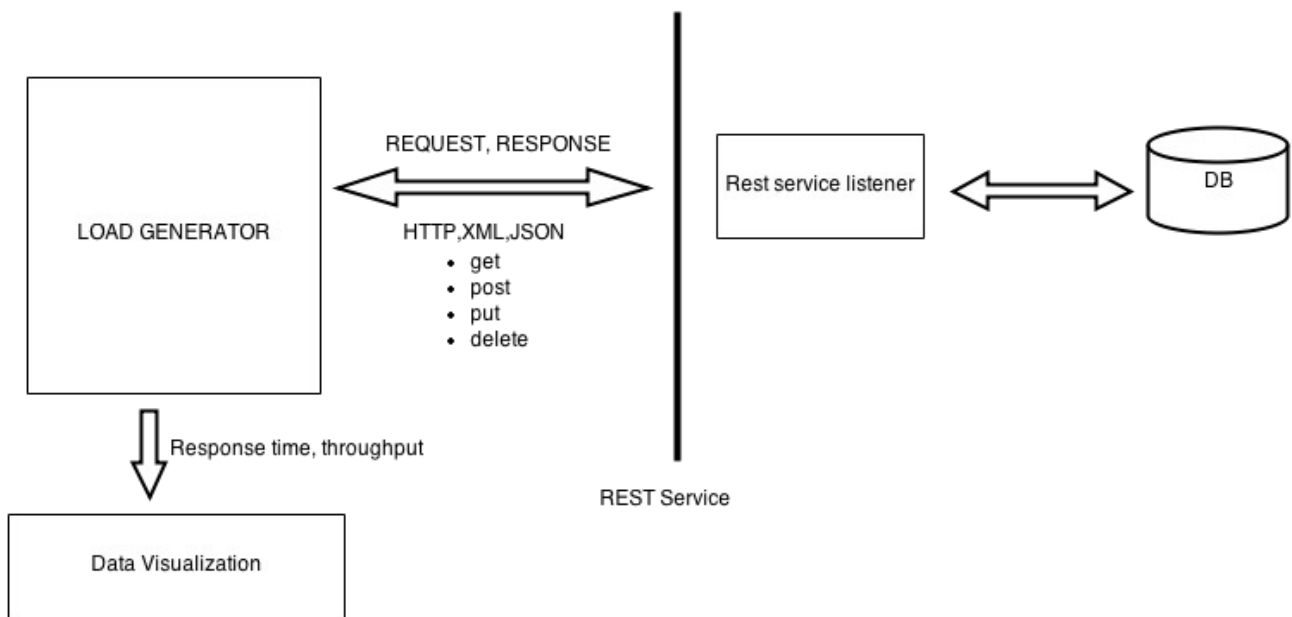
A webpage to enter the parameters required to test a rest service. And a page to see the results.

Use Cases:

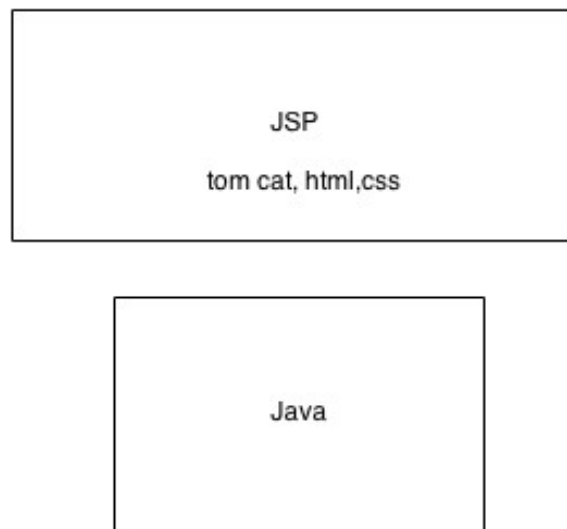
Use case diagram for the Rest service



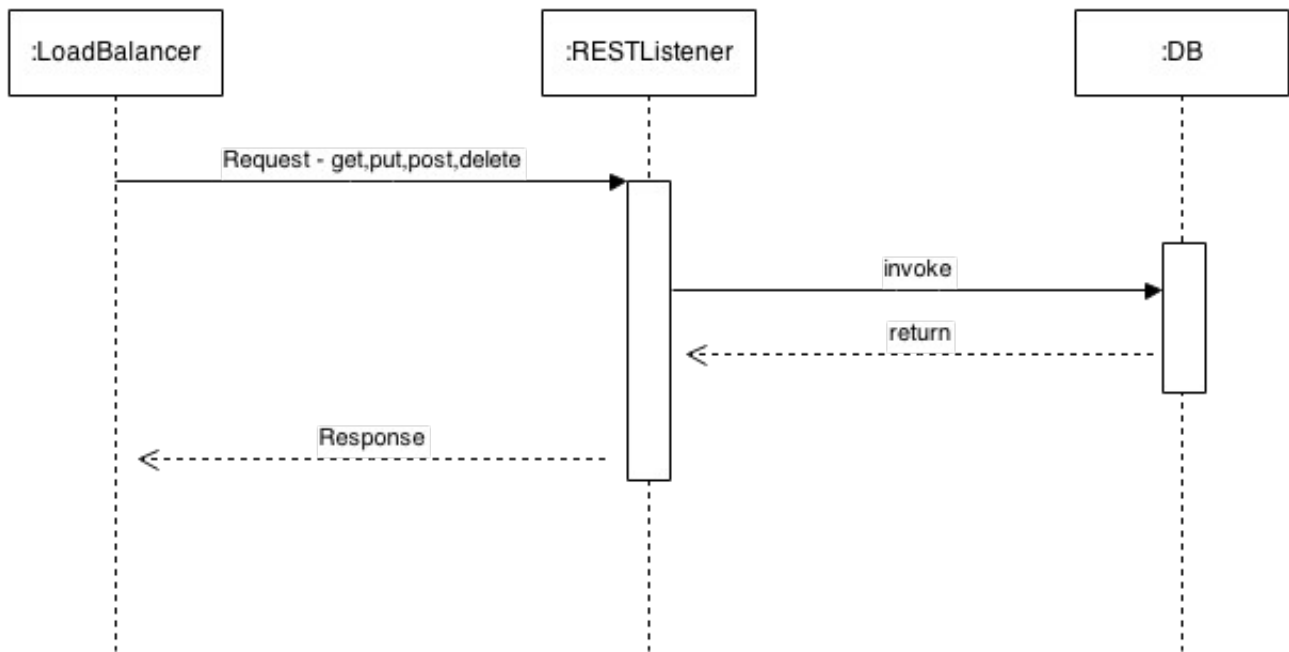
Block Diagram :



Detailed Design: Technology stack :



Sequence diagram:



Minimum expectation from the project:

Generating load on the rest service and measuring response time and throughput.