Documentation rate-limit-service

# Technology Stack:

### Java 8

### Spring Boot

### Swagger2

### Spring Data JPA

### H2 Database

### Maven

### REST

### Tomcat Server

# Problem Statement:

This work sample requires the team to build a server-side rate-limiting solution, which tracks the number of requests that are made by a User over a given period of time and block requests when the number of calls exceeds the predefined threshold.

# Solution:

Provided 2 solutions to the problem, they are explained as below:

## Cache Based

## Database Based