Notes - API Gateway, Design Rate Limiter

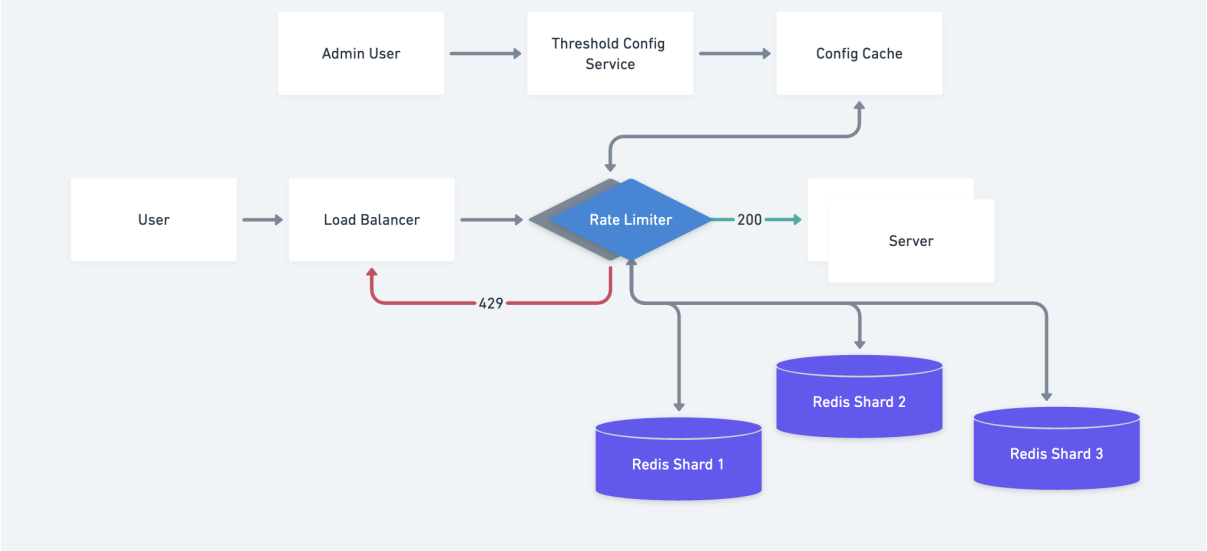
Design Rate Limiter:

Requirements:

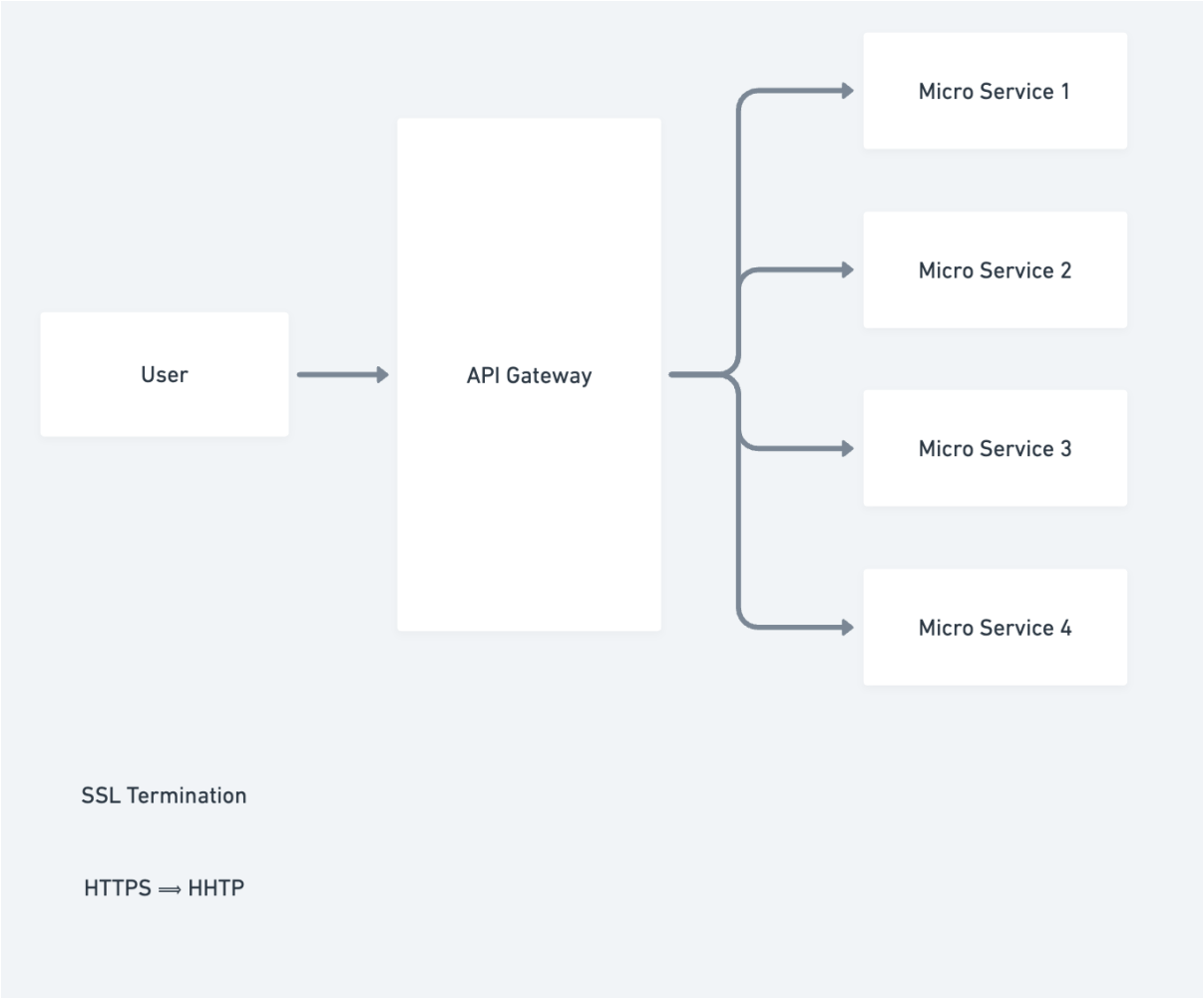
1. Accept / Reject Requests based on a threshold
2. Admin should be able to configure the threshold
3. Return appropriate error code (TooManyRequestsError , code = 429)

Non-Functional Requirements:

1. Latency: Don’t increase massive response time



API Gateway


Micro Service 1
Micro Service 2
User
API Gateway
Micro Service 3
Micro Service 4
SSL Termination
HTTPS ⟹ HHTP