Client Request

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JWT Authentication

(Validate token, populate SecurityContext)

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RateLimitingFilter

(Check Redis counter, atomic increment)

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v v

Allowed Exceeded

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v v

Controller (/checkRateLimiter) TooManyRequestsException

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v v

Normal Response @RestControllerAdvice

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v

HTTP 429 Response

JSON:

{

"timestamp": "...",

"status": 429,

"error": "Too Many Requests",

"message": "Rate limit exceeded"

}