# Load balancer with service turn-off

Task 6

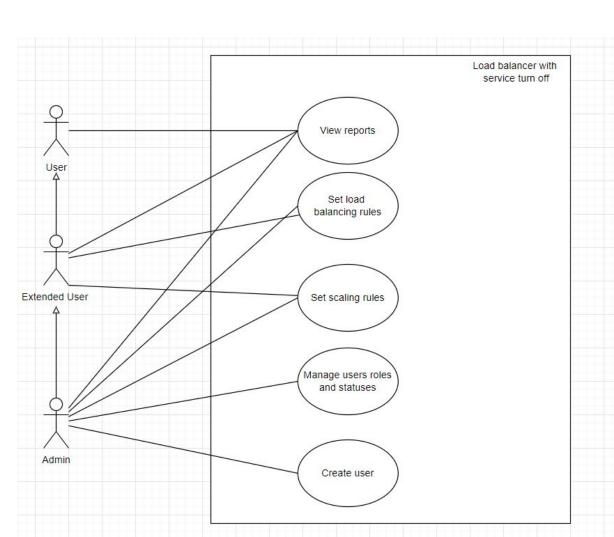
### Product description

**Product Description:** A cloud-native service designed to enhance application scalability and performance in Kubernetes (K8s) environments, specifically targeting machine learning (ML) applications with unique scaling and resource requirements.

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Repo: https://github.com/Lokhmat/k8s\_nemesis

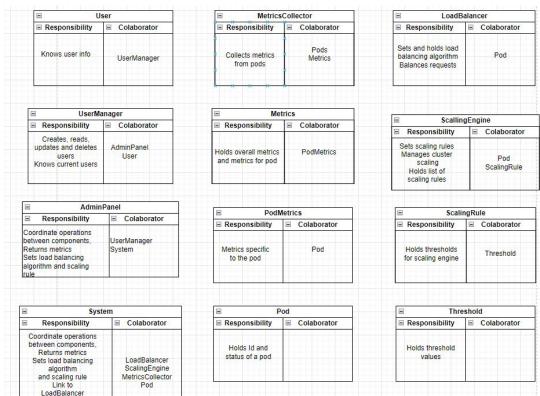
Report: https://clck.ru/3DmXdX



## Use case diagram

# Interaction analysis:CRC cards

ScalingEngine MetricsCollector



# Interaction analysis: Cooperation

#### Cooperation table

	View report	Set Load Balancing Rules	Setting scaling rules	Manage user roles and statuses	Create user
User				abla	
User Manager				✓	abla
Admin Panel		$\square$	abla	✓	V
System		$\square$	$\square$		
MetricsCollector					
Metrics					
PodMetrics	$\square$				
Pod	$\square$				
LoadBalancer		$\square$			
ScalingEngine			$\square$		
ScalingRule			abla		
Threshold			abla		

Updated class diagram

