

# K8C

Resources and microservices

# Product description

The product is a platform for deploying, managing, and scaling machine learning models in production. It offers a secure, flexible environment for automating ML tasks like model versioning, routing, and monitoring. With Kubernetes integration and containerization support, it's designed for developers, ML engineers, and enterprises needing scalable, reliable ML infrastructure.

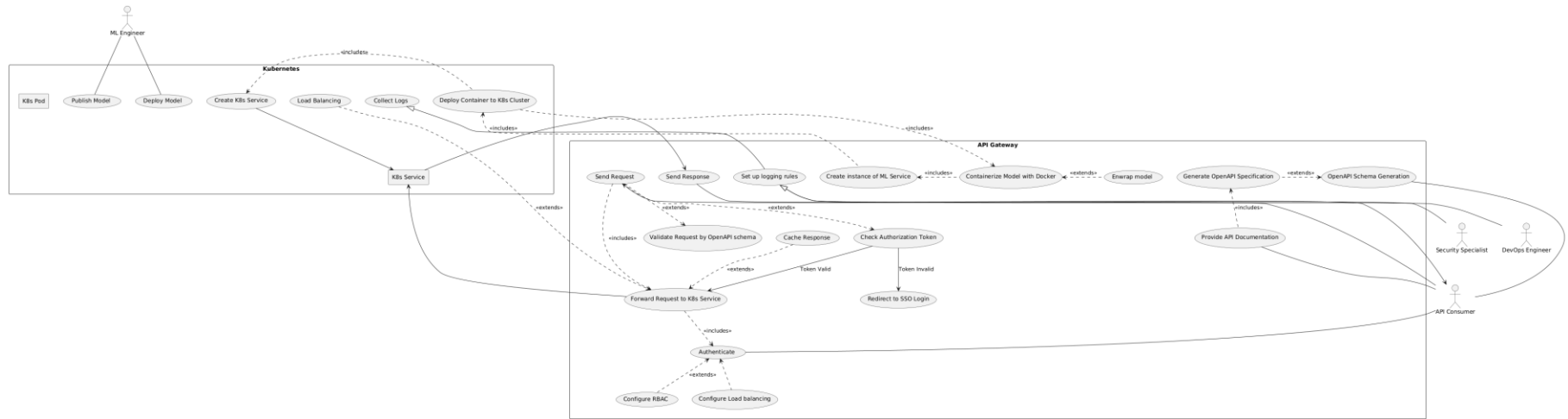
**Team K8C:** Tsurkan Daniel; Dandamaev Gadji; Tsaturyan Konstantin; Smolkin Mikhail

**Project repo:** <https://github.com/fanglores/Advanced-Software-Design>

**This report:** [https://github.com/fanglores/Advanced-Software-Design  
/blob/master/Practice%20Tasks/Module2/Task9/](https://github.com/fanglores/Advanced-Software-Design/blob/master/Practice%20Tasks/Module2/Task9/)

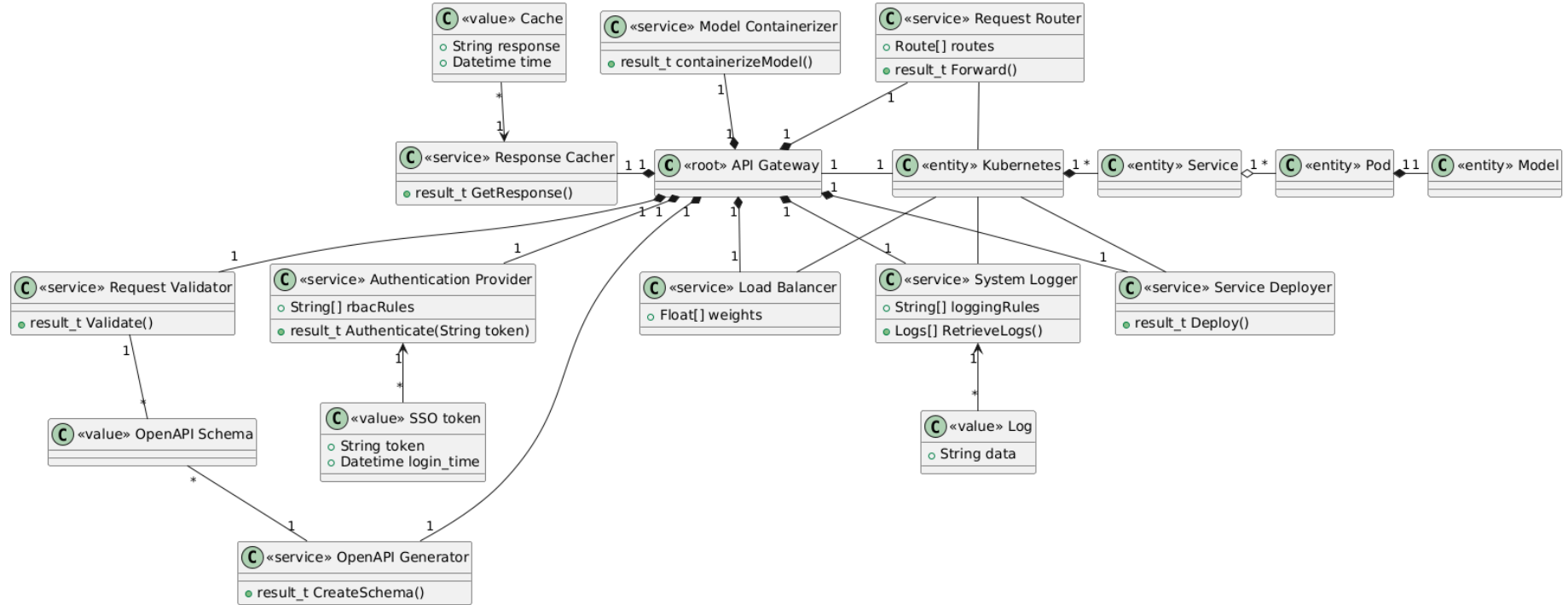
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# Use case diagram

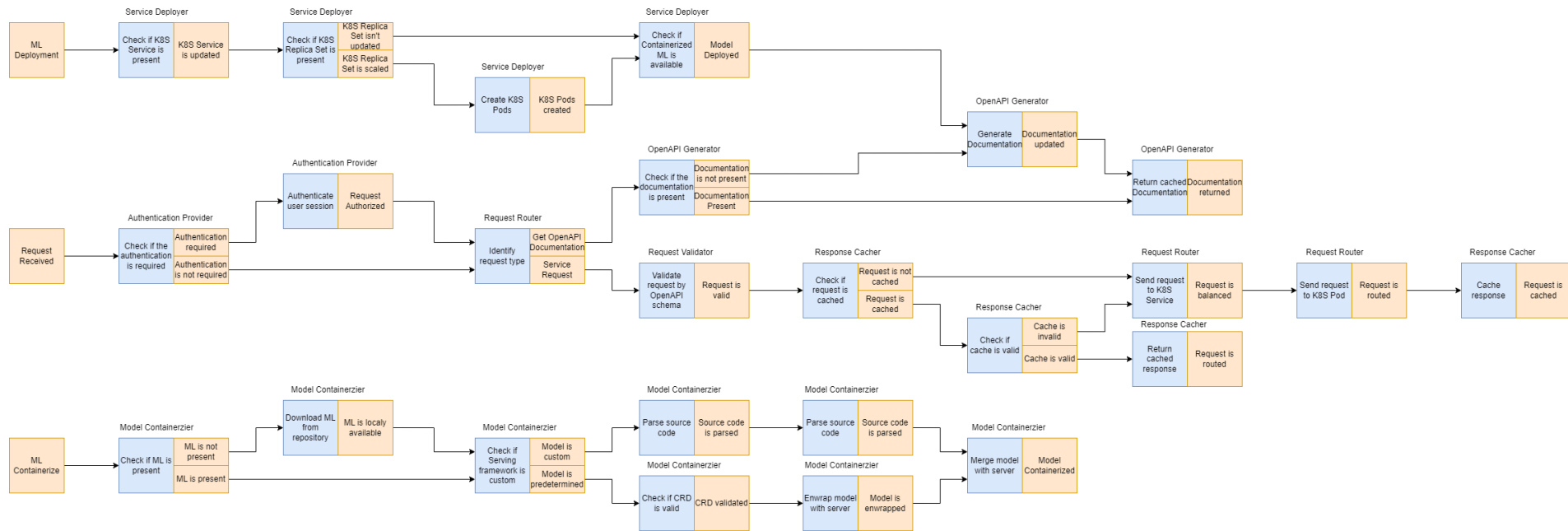


<https://github.com/fanglores/Advanced-Software-Design/tree/master/General/UseCases>

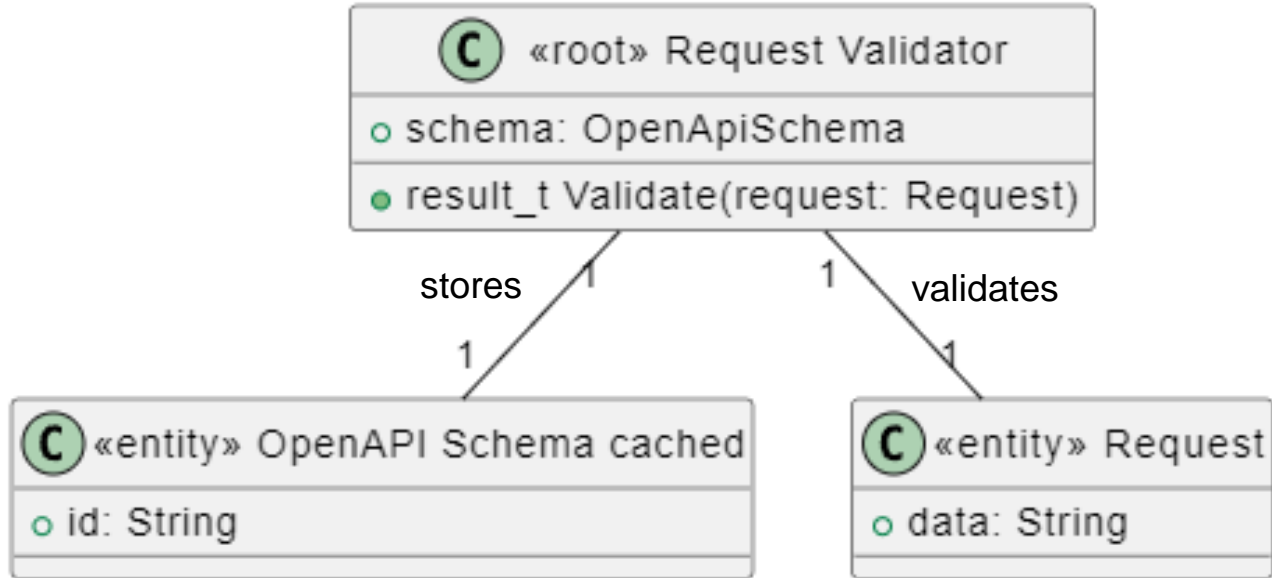
# Final class diagram (monolith)



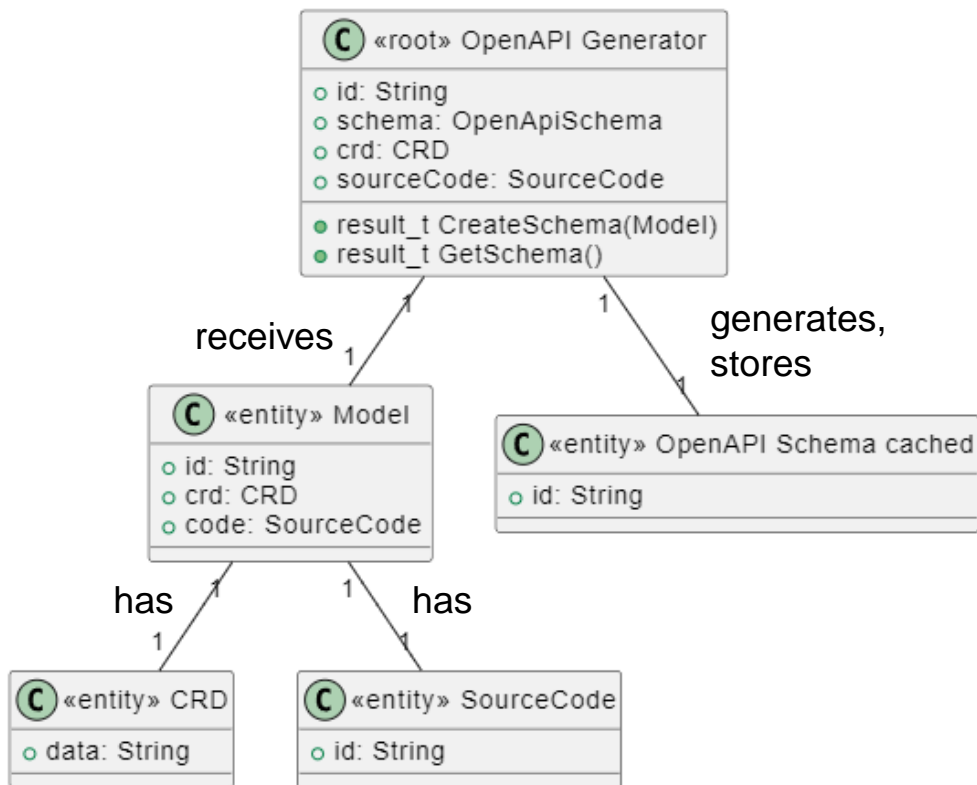
# Event storming



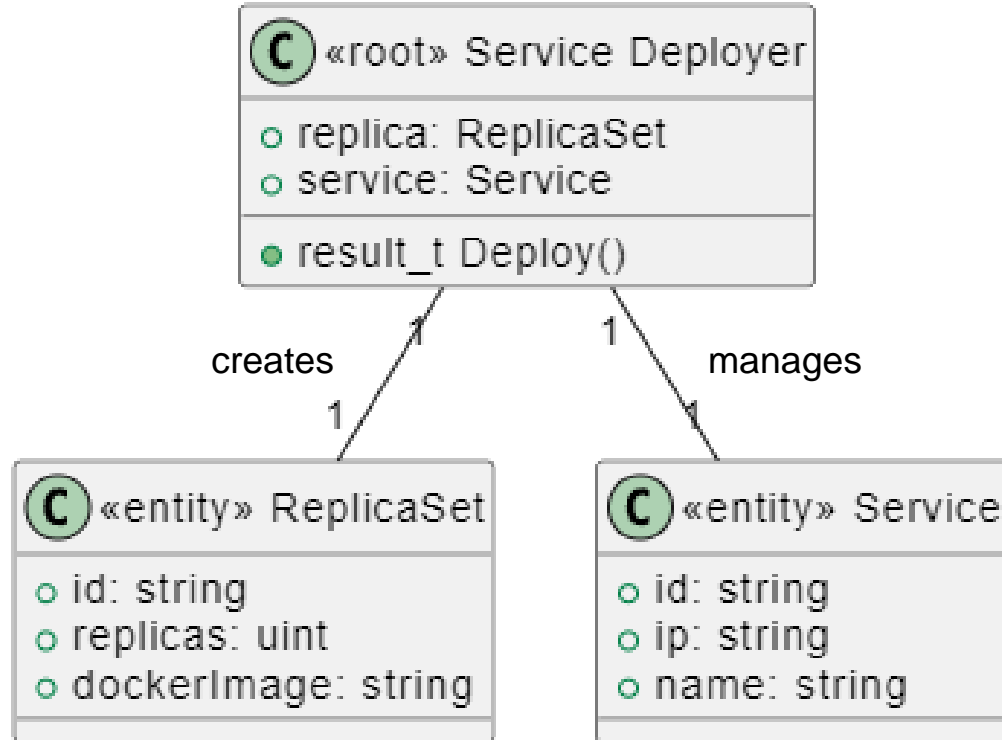
# Request Validator Aggregation



# OpenAPI Generator Aggregation



# Service Deployer Aggregation





# Authentication Provider Aggregation

