K8C

Resources and microservices

Product description

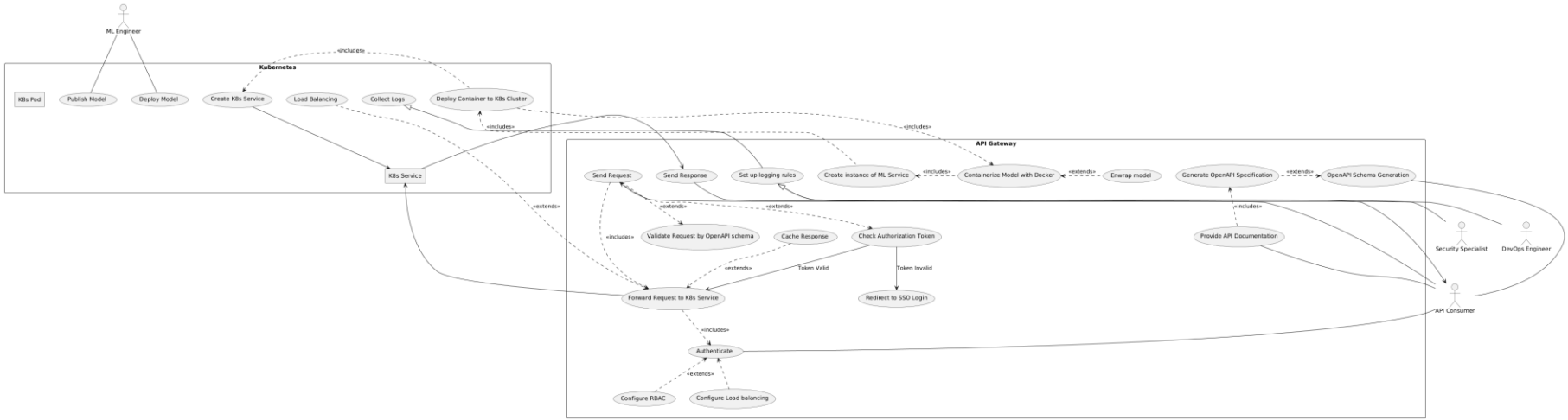
The product is a platform for deploying, managing, and scaling machine learning models in production. It offers a secure, flexible environment for automating ML tasks like model versioning, routing, and monitoring. With Kubernetes integration and containerization support, it's designed for developers,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

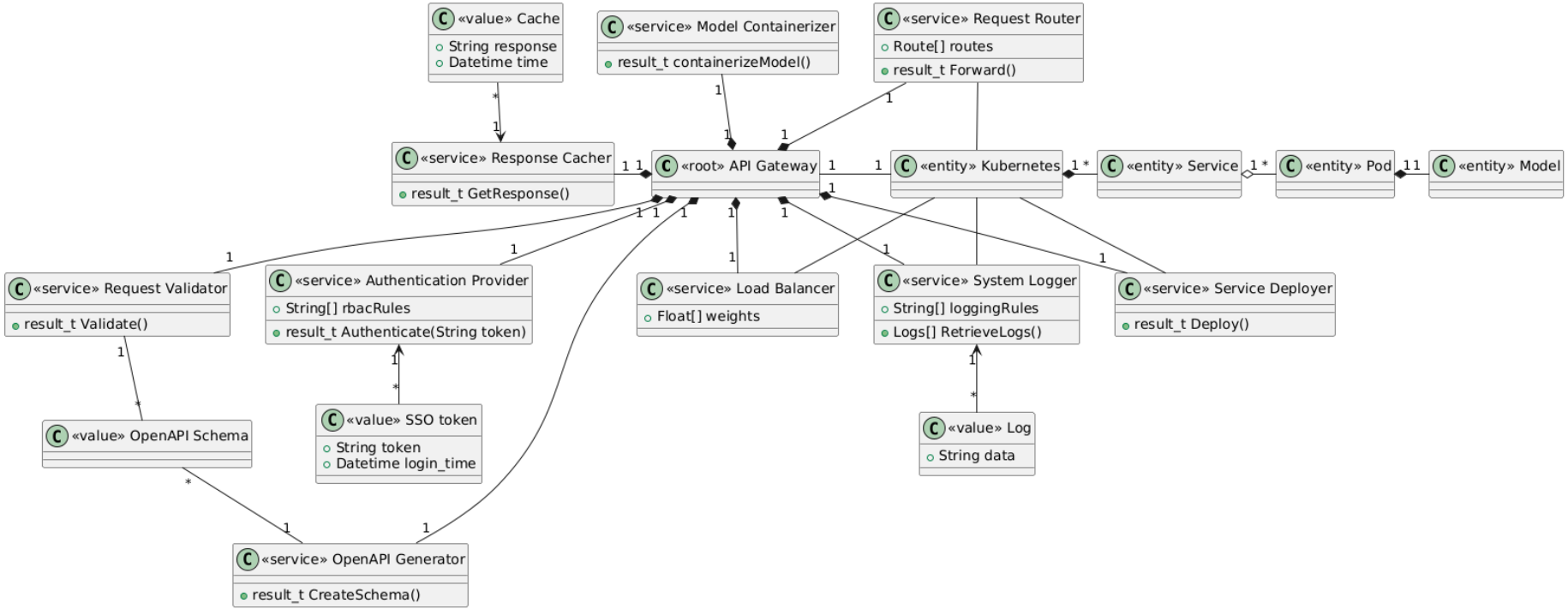
This report: https://github.com/fanglores/Advanced-Software-Design/blob/master/Practice%20Tasks/Module2/Task9/

Use case diagram

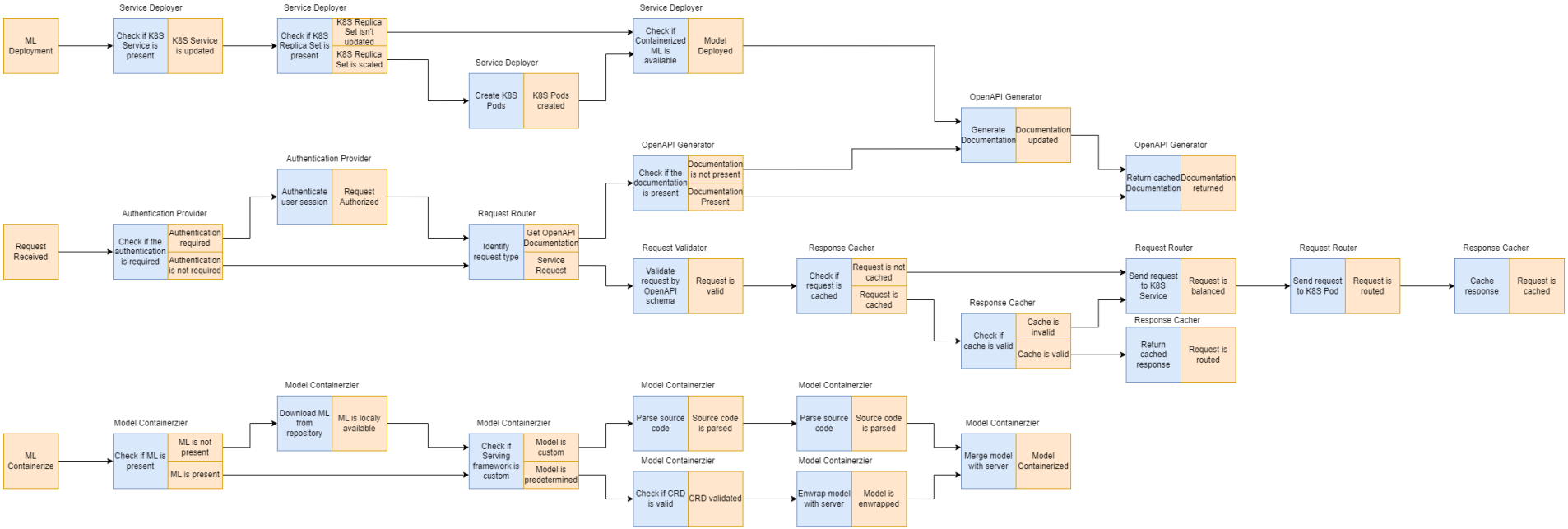


https://github.com/fanglores/Advanced-Software-Design/tree/master/General/UseCases

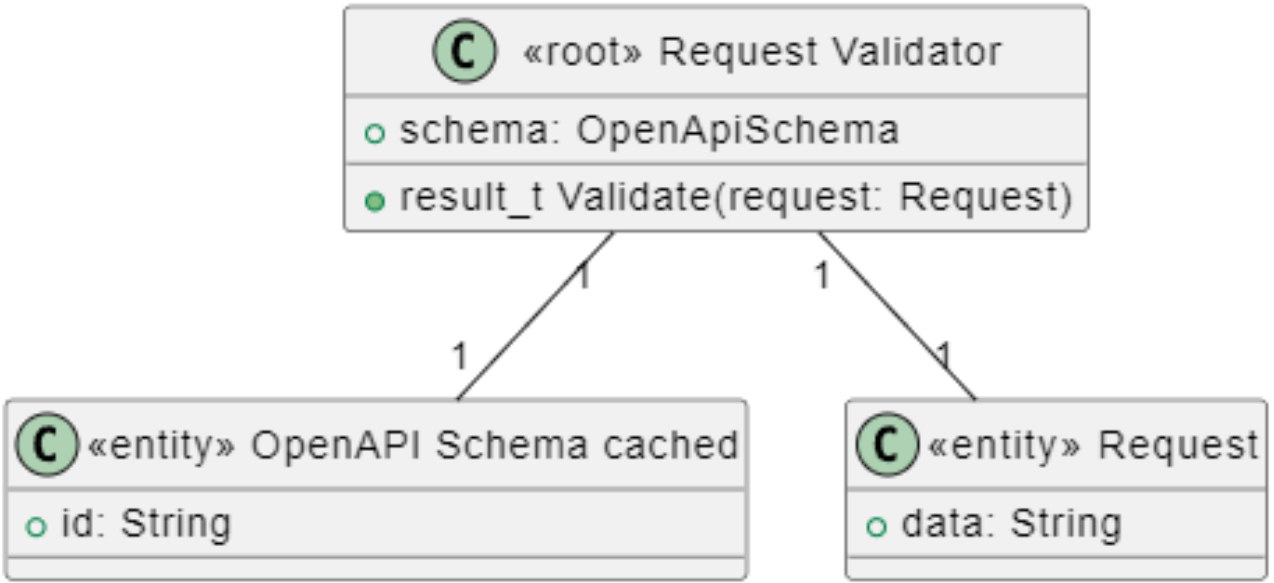
Final class diagram (monolith)



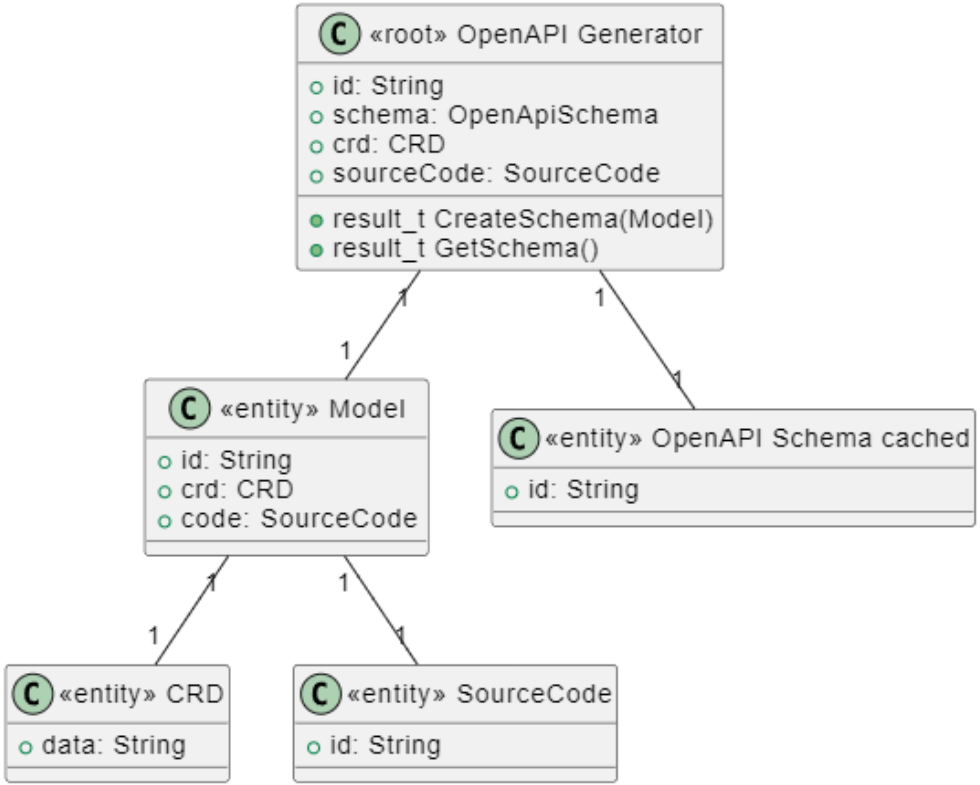
Event storming



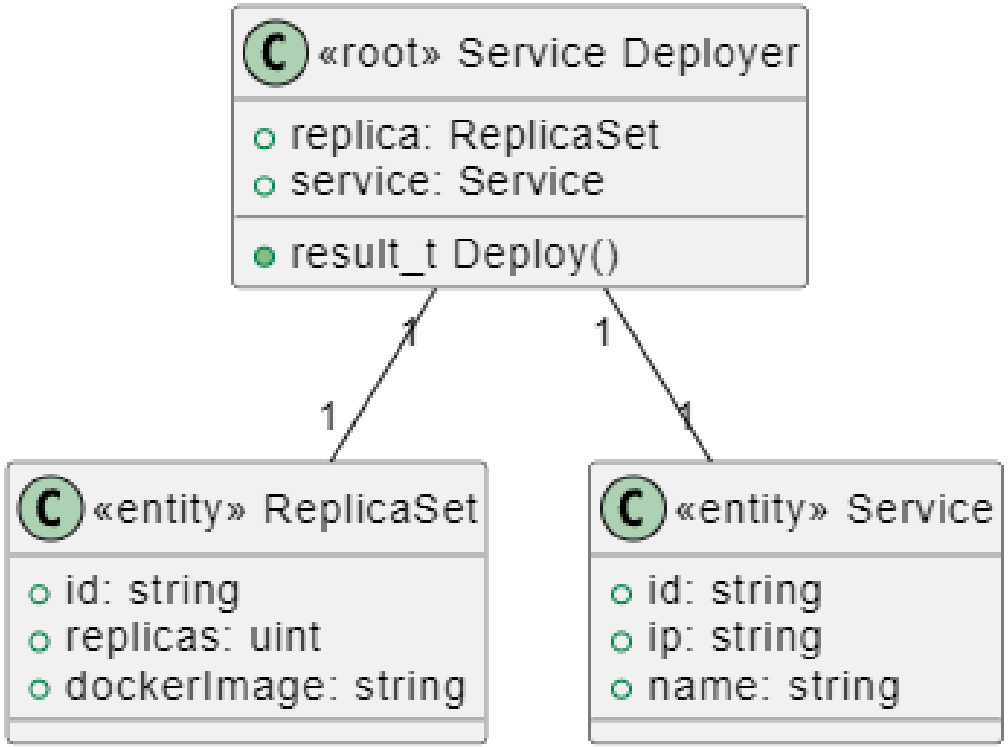
Request Validator Aggregation



OpenAPI Generator Aggregation



Service Deployer Aggregation



Authentication Provider Aggregation