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.

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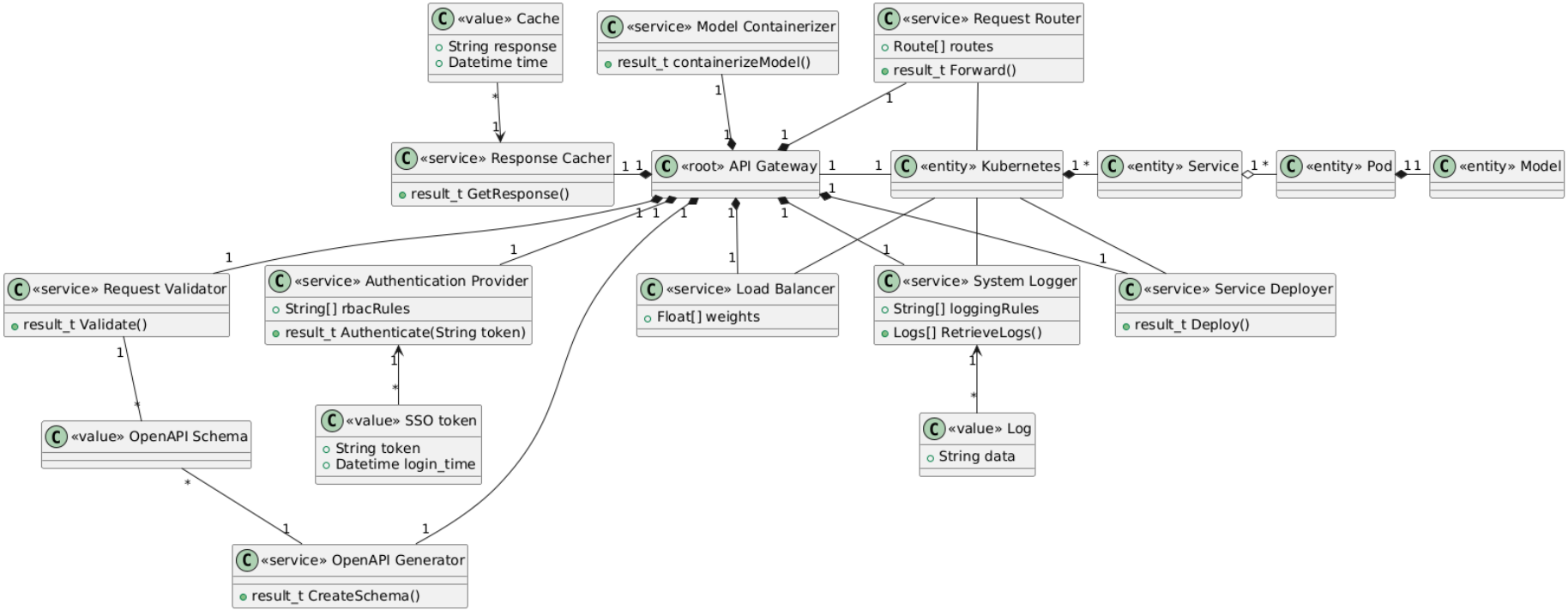
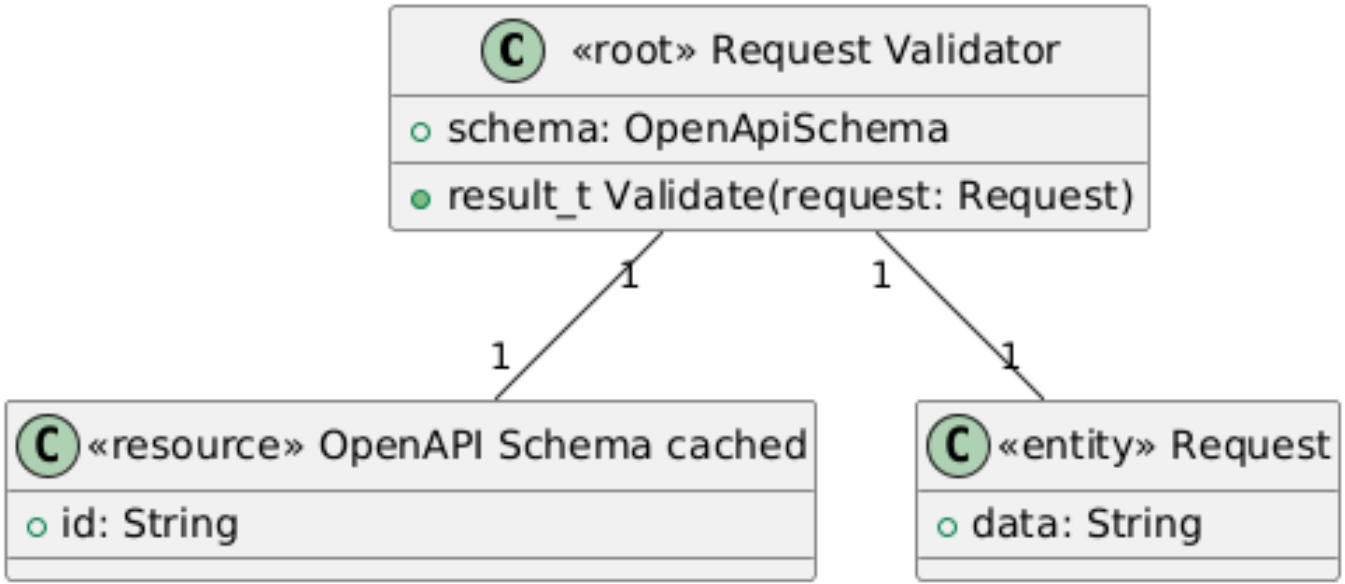
Project repo: https://github.com/fanglores/Advanced-Software-Design

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

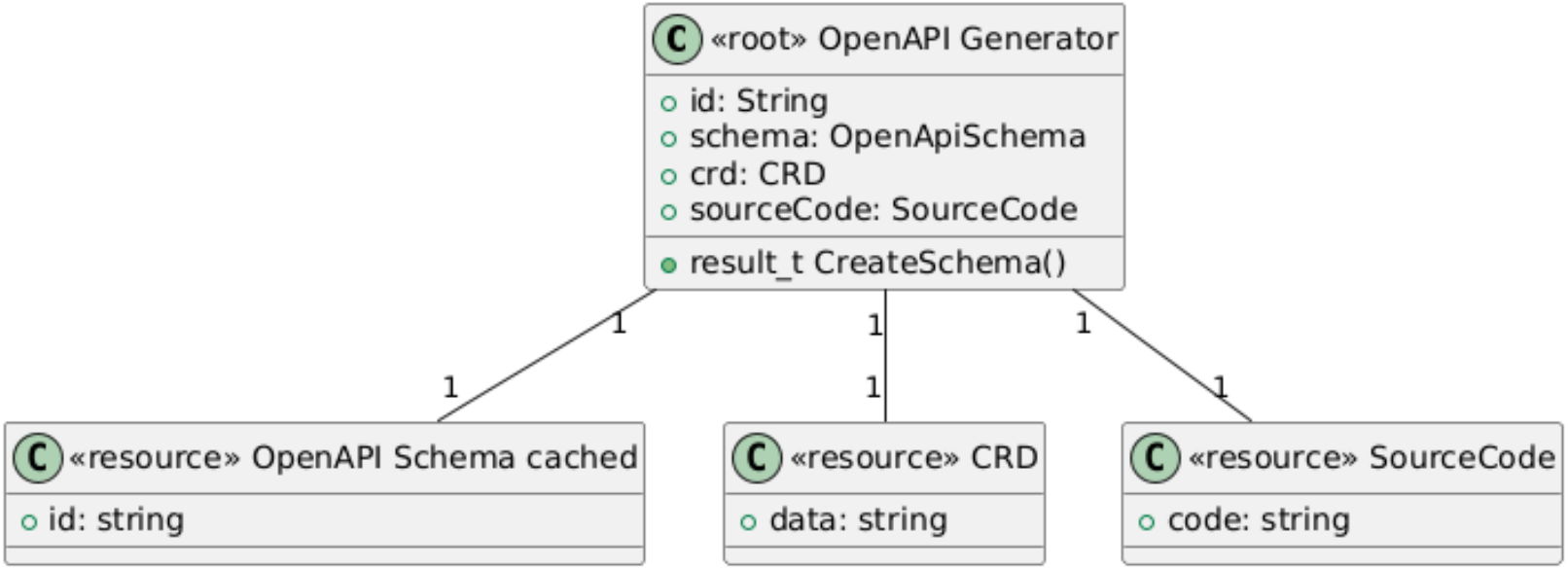
Final class diagram (monolith)



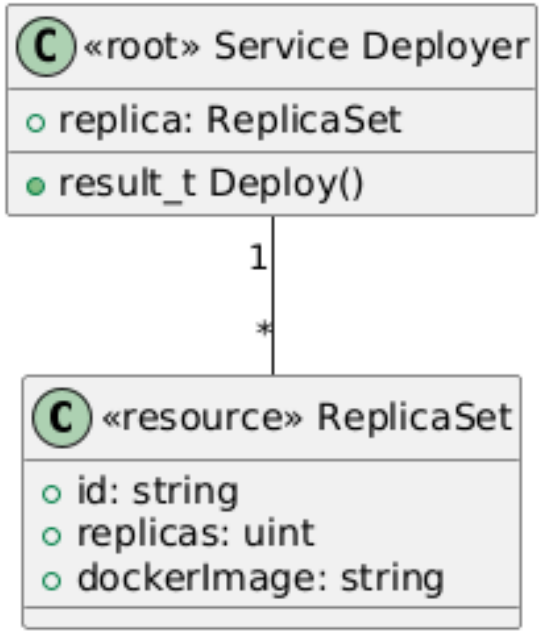
Request Validator Aggregation



OpenAPI Generator Aggregation

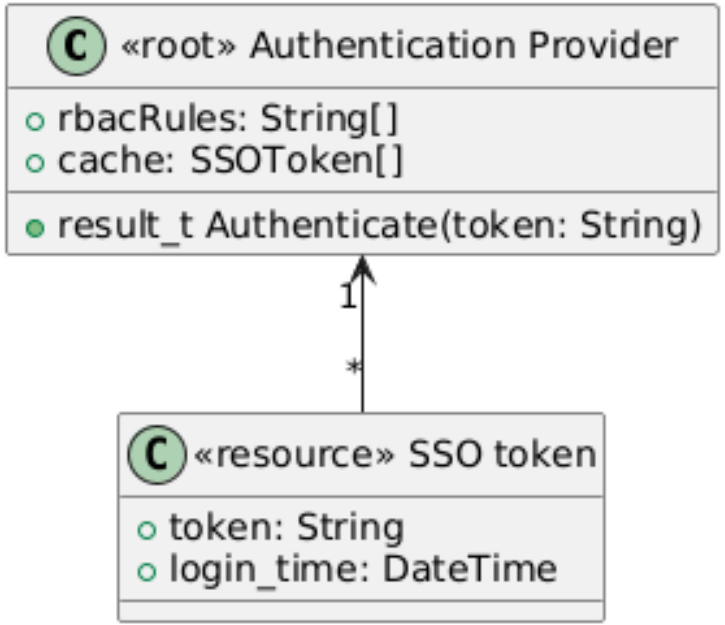


Service Deployer Aggregation



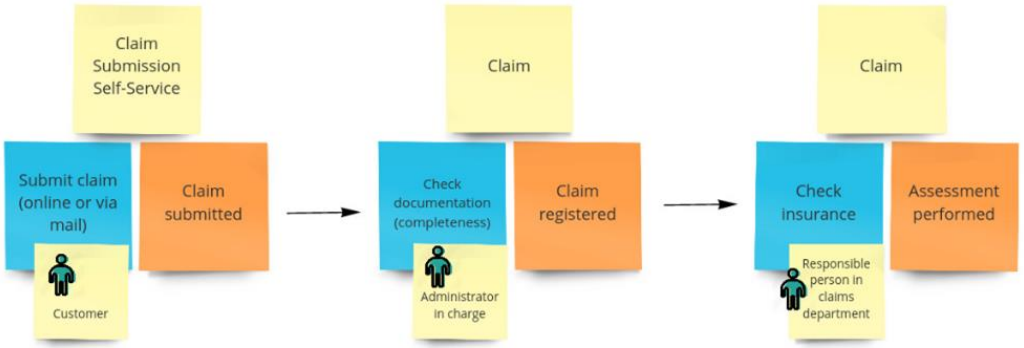
Authentication Provider Aggregation

Decompose into more



Event storming

Study how event storming is performed
https://en.wikipedia.org/wiki/Event_storming
https://contextmapper.org/docs/event-storming/
https://github.com/wwerner/event-storming-cheatsheet



Run the event storming session in a team

Check your class diagram and use cases against events and commands in storming.

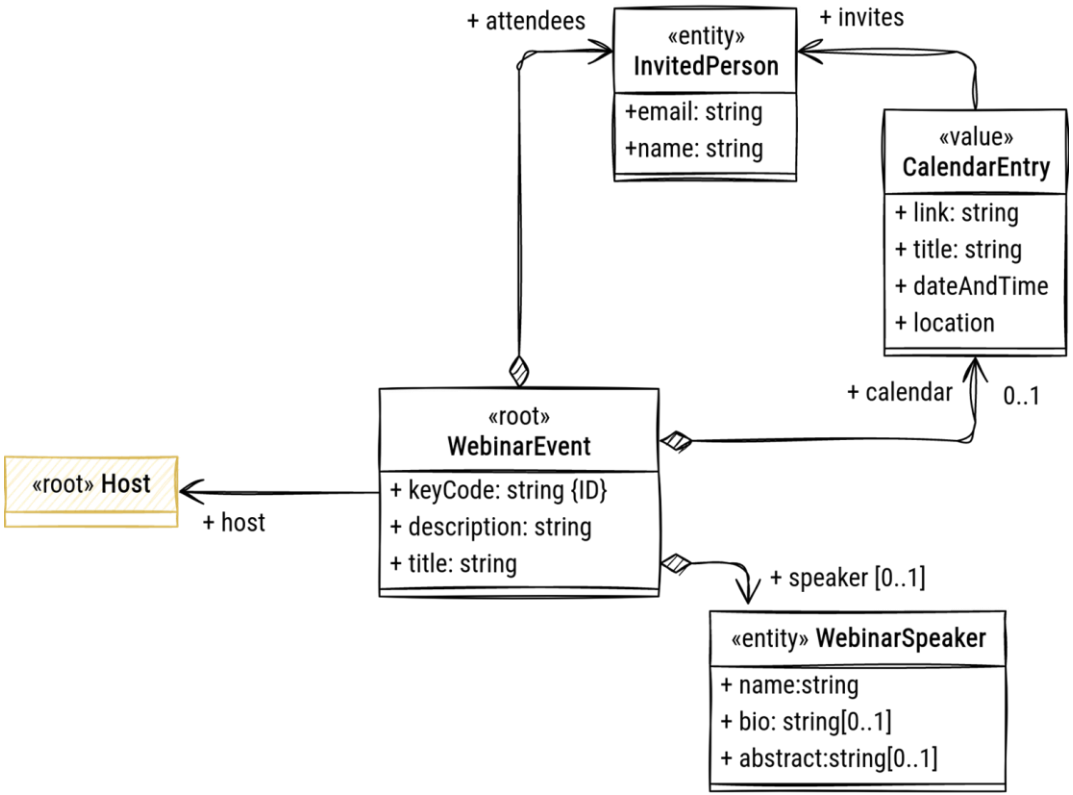
Add missing events, commands, classes to your domain model

Detailed class diagram - Aggregate WebinarEvent

Show a class diagram for an aggregate

Include new domain events if any found

Check that external references go to roots or domain services only



Detailed class diagram - Aggregate N

Repeat for each aggregate….

Check that external references go to roots or domain services only

Check that commands and events in the storming diagram are elaborated in class diagrams