

# ASDs

Resources and microservices

# Product description

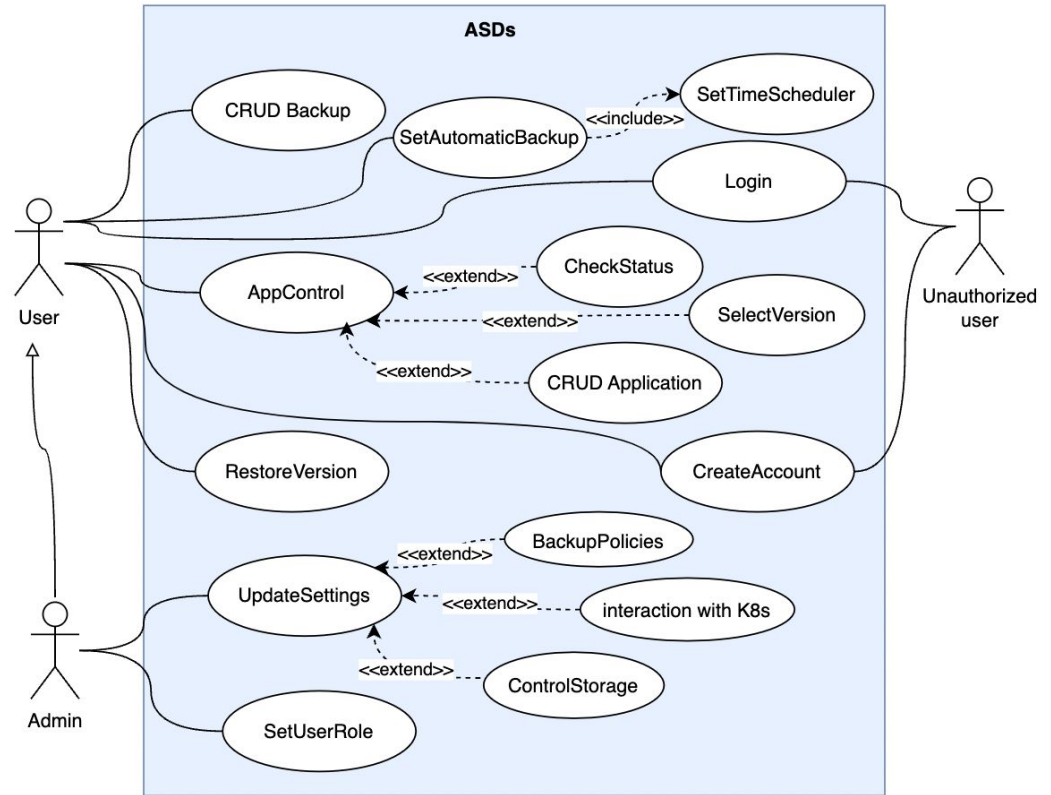
An application continuity service dynamically backs up and restores the state of applications running within the framework on K8s. The service uses the DSL of the framework to determine the relevant application state and its backup policies. Developers of an application are able to backup and restore a specific version from images and relevant state from the service. The application state is stored externally on the given S3-compatible object storage.

Team: Gorelyi Mikhail, Lukashin Daniil, Derezhovskiy Ilya, Sigal Lev

Repo: [https://github.com/gorelyi-code/advanced\\_software\\_designers](https://github.com/gorelyi-code/advanced_software_designers)

Report: a link to this slides within project repo/doc storage

# Use case diagram



CRUD: create, read, update, and delete

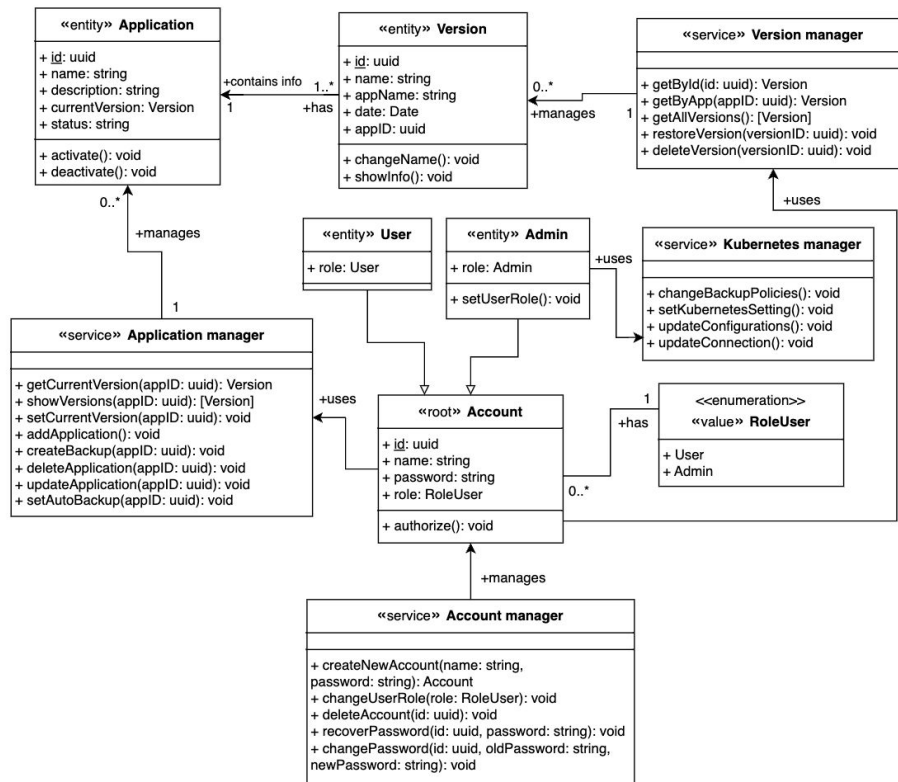
Textual description in github:

[https://github.com/gorelyi-code/advanced\\_software\\_designers/blob/main/Use%20case%20diagram/main\\_scenarios.md](https://github.com/gorelyi-code/advanced_software_designers/blob/main/Use%20case%20diagram/main_scenarios.md)

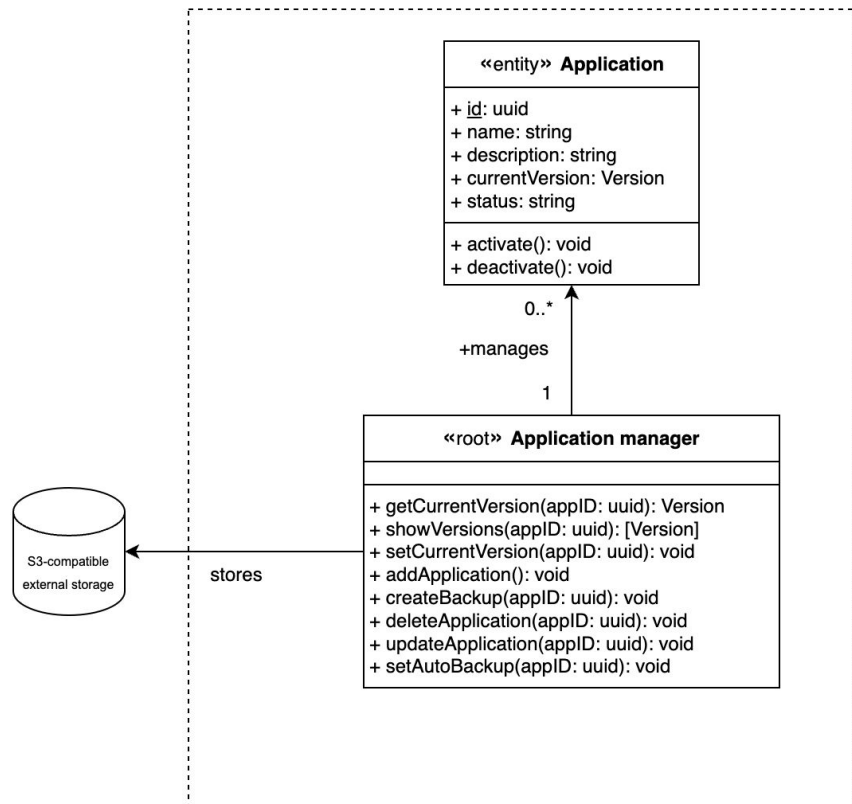
# Event storming



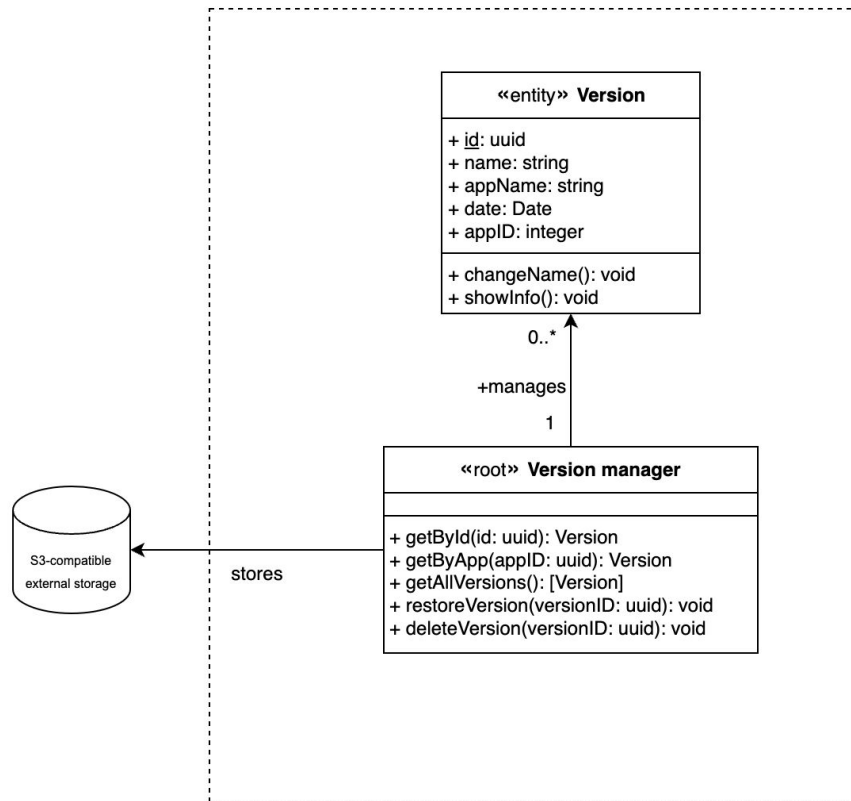
# Updated domain model



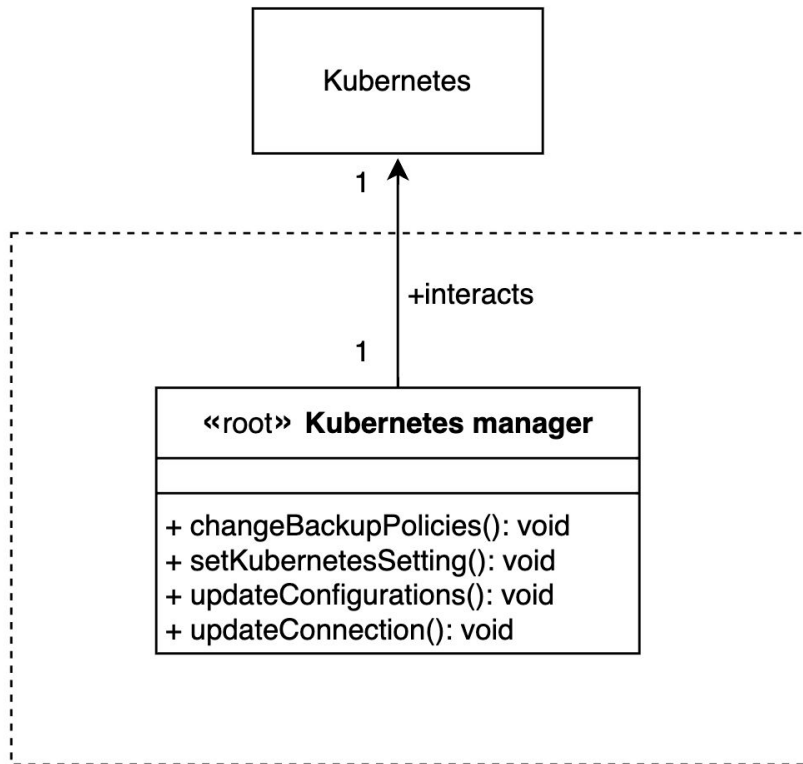
# Aggregate Application Manager



# Aggregate Version Manager



# Aggregate Kubernetes Manager





# Aggregate Account Manager

