Mobiliya

Security and Surveillance

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1. About this Document

This document contains sequence flow information for Security and Surveillance solution.

2. Intended Audience

This document is intended for programmer, manager, architect to understand how flow of sequence implementation for Security and Surveillance solution

3. Pre-requisites

Reader should be aware of architecture of Security and Surveillance solution.

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4. Introduction

This document will provide API reference for below modules:

Backend:

This module will provide api to North bound interfaces like web application and South bound interfaces are for Aggregator and Compute Engine

Aggregator:

Aggregator is part of South bound section. This module will communicate with DVR and provide stream services for various cameras and push images for analytics.

Compute Engine:

Compute Engine is part of South bound section. This module will make analytics and deep learning detection of camera images.

Web app:

Web app is part of North bound section. It will mainly interact with user and backend module for numerous services from UI.

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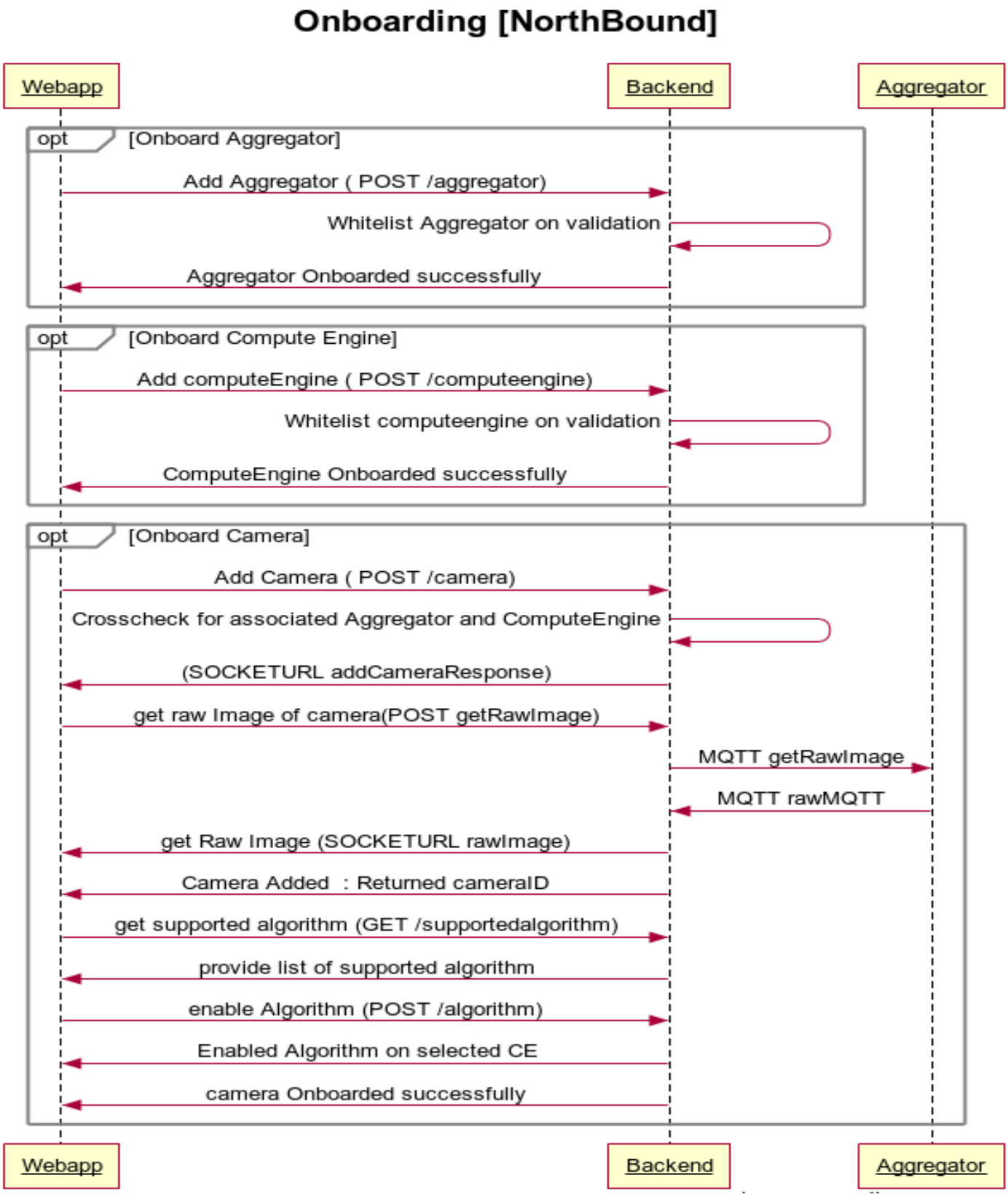
5. Sequence flow for Onboarding



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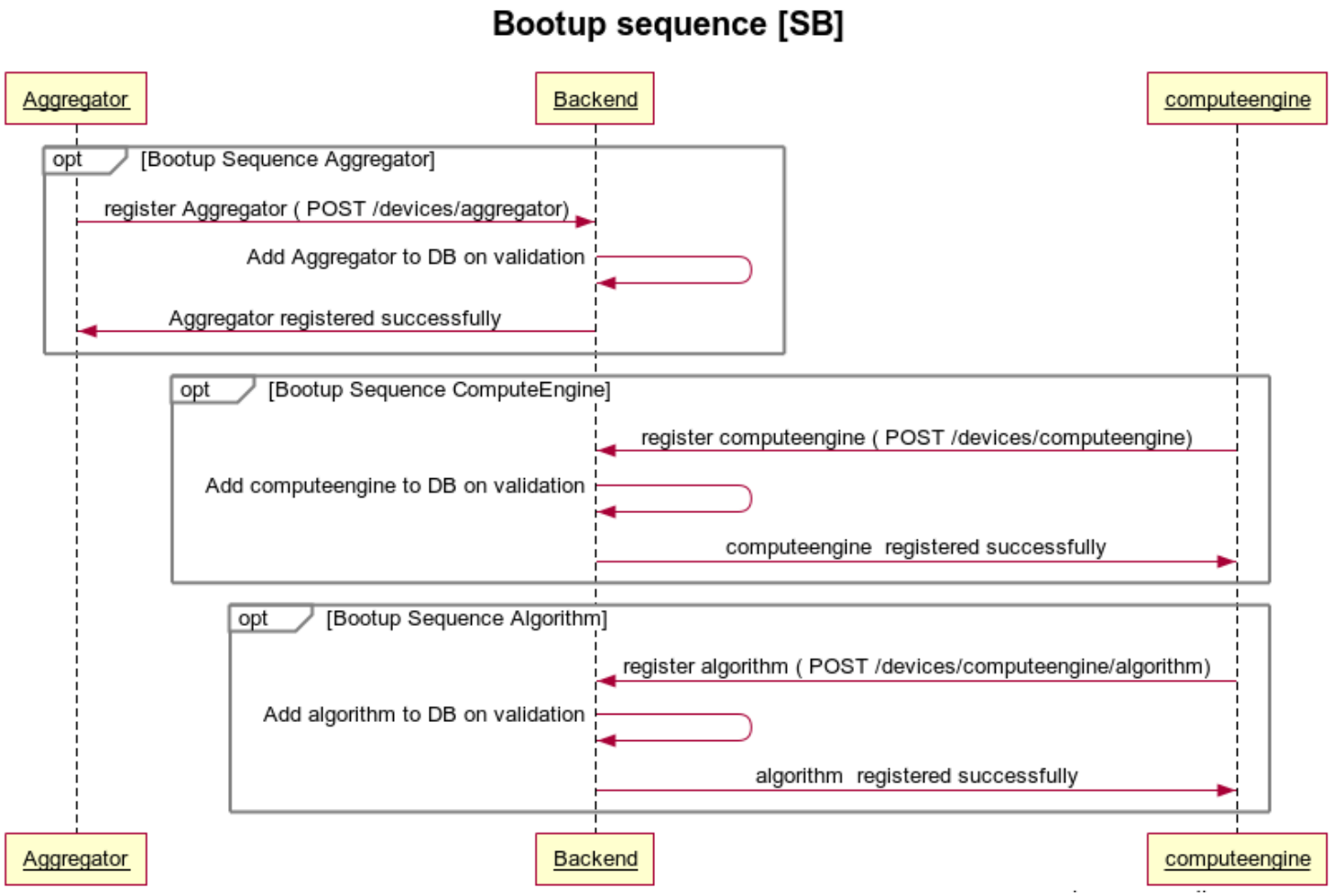
6. Sequence flow for Bootup Sequence



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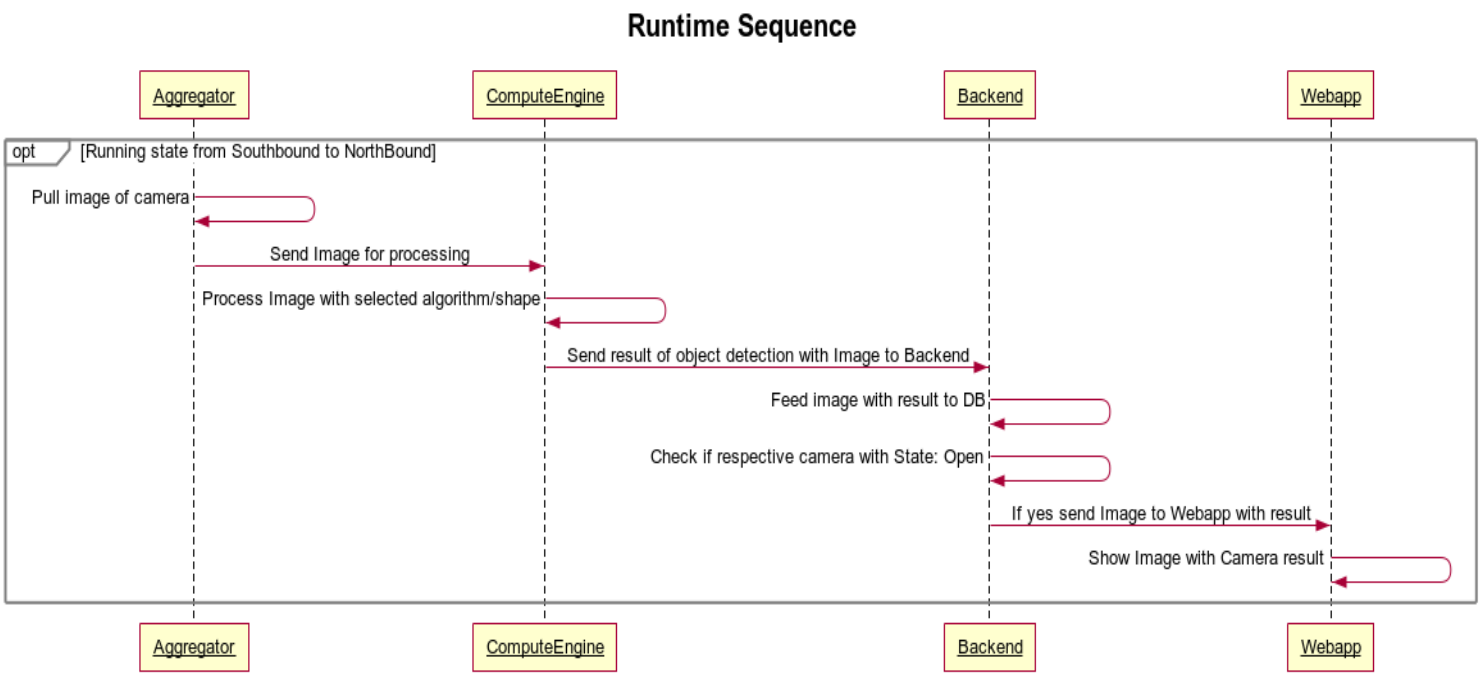
7. Sequence flow for Runtime



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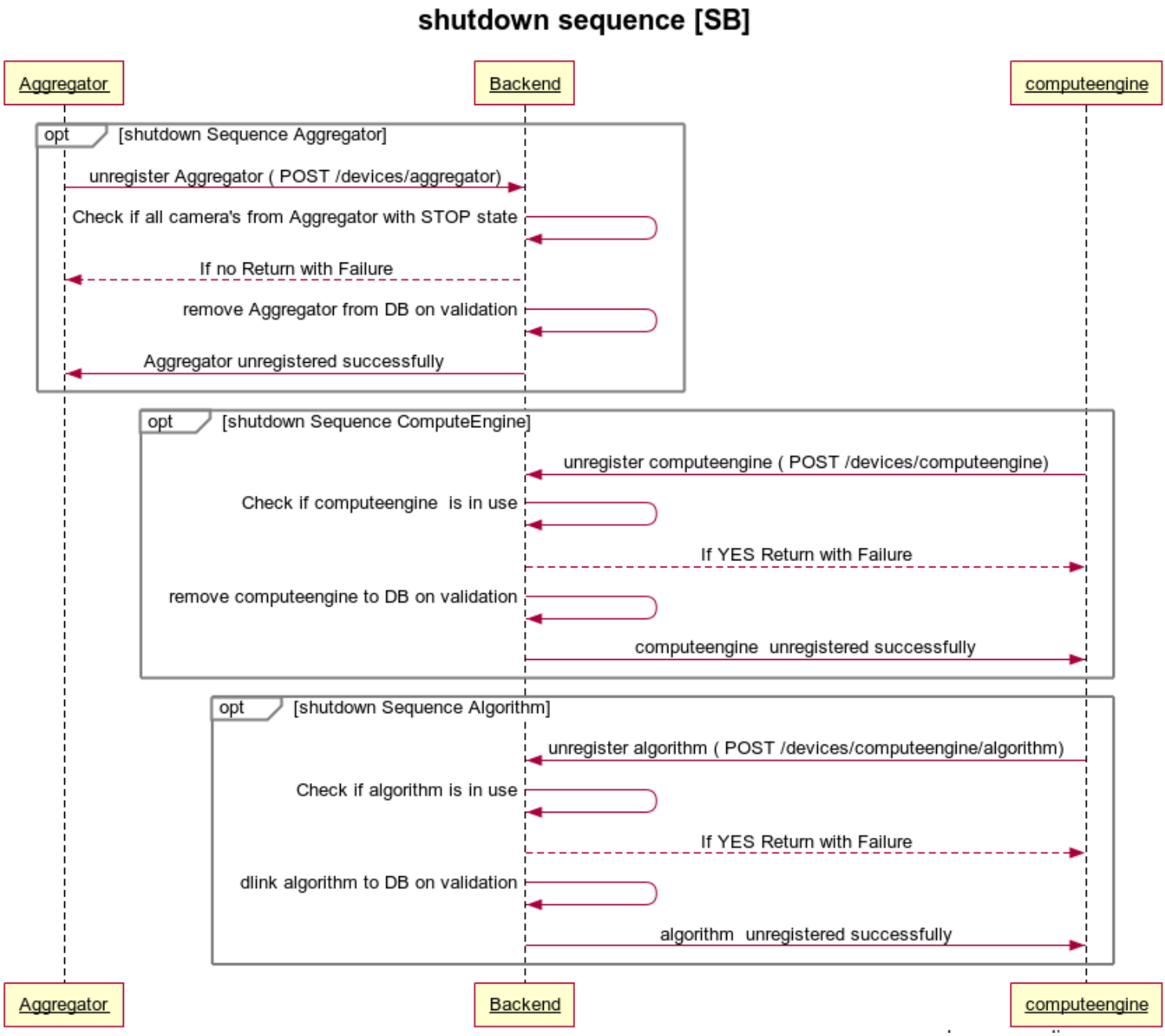
8. Sequence flow for Shutdown Sequence



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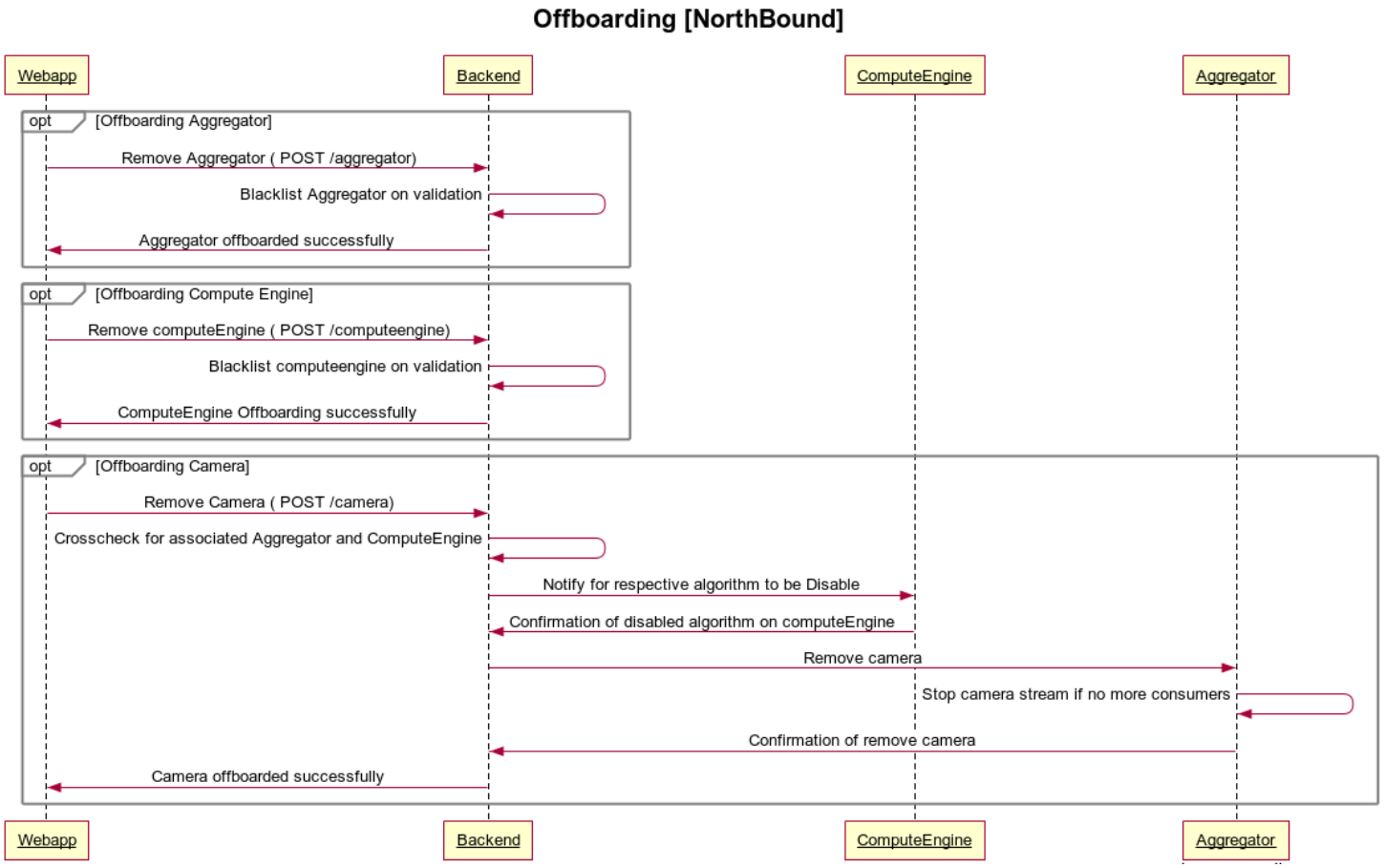
9. Sequence flow for Offboarding



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