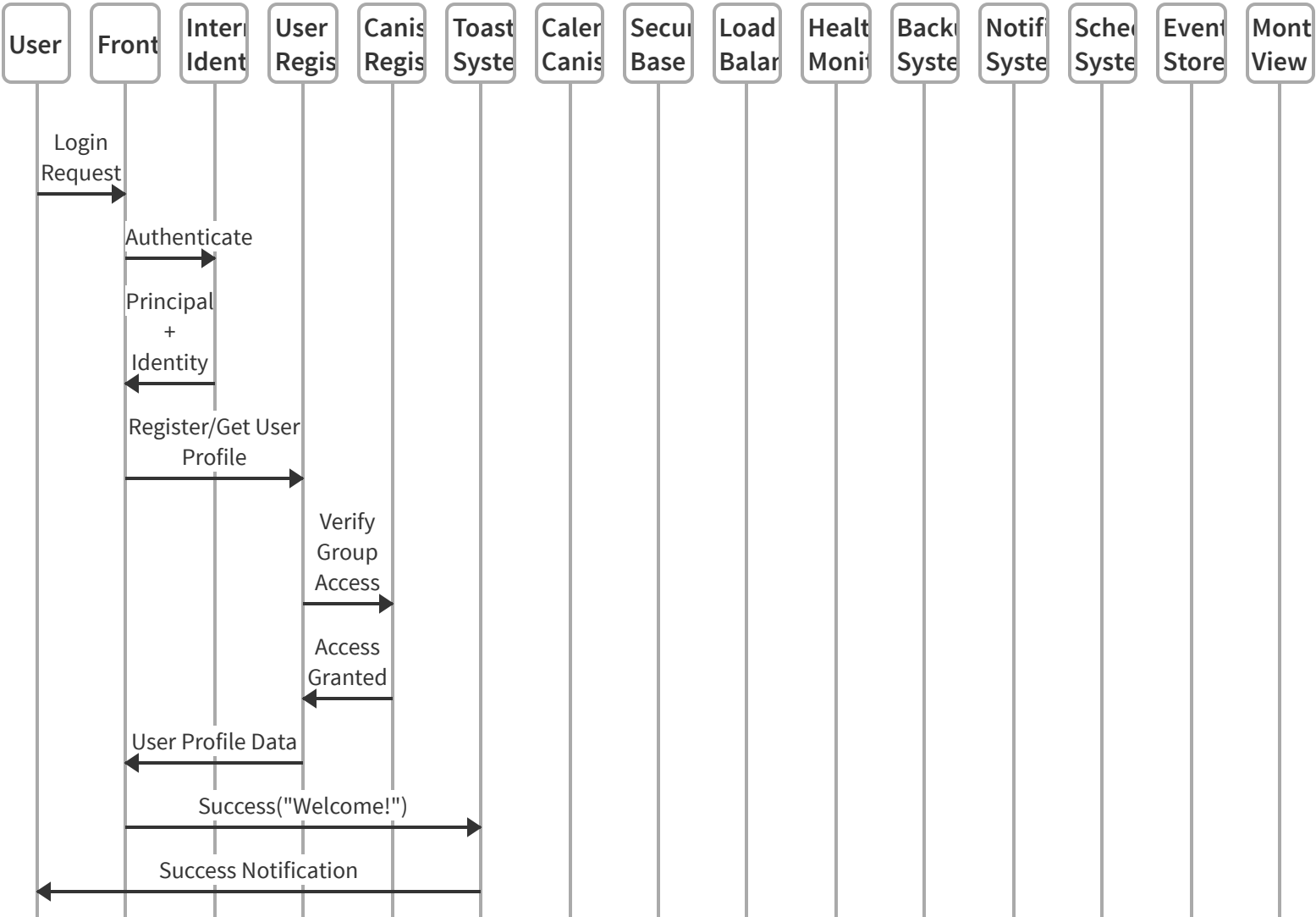
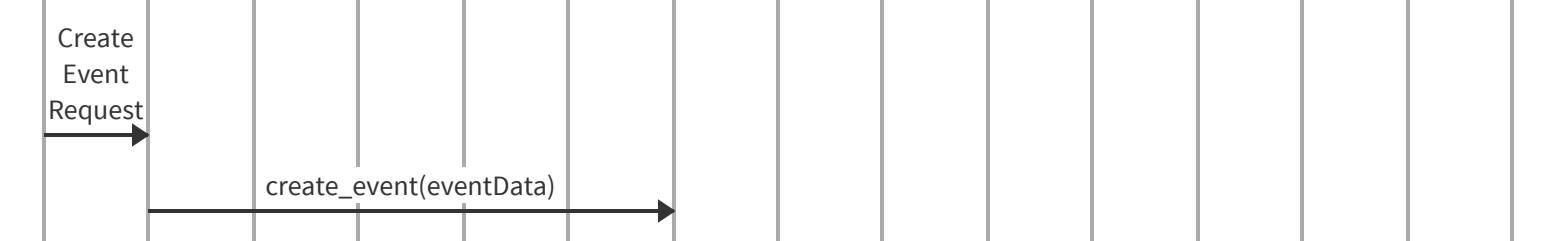


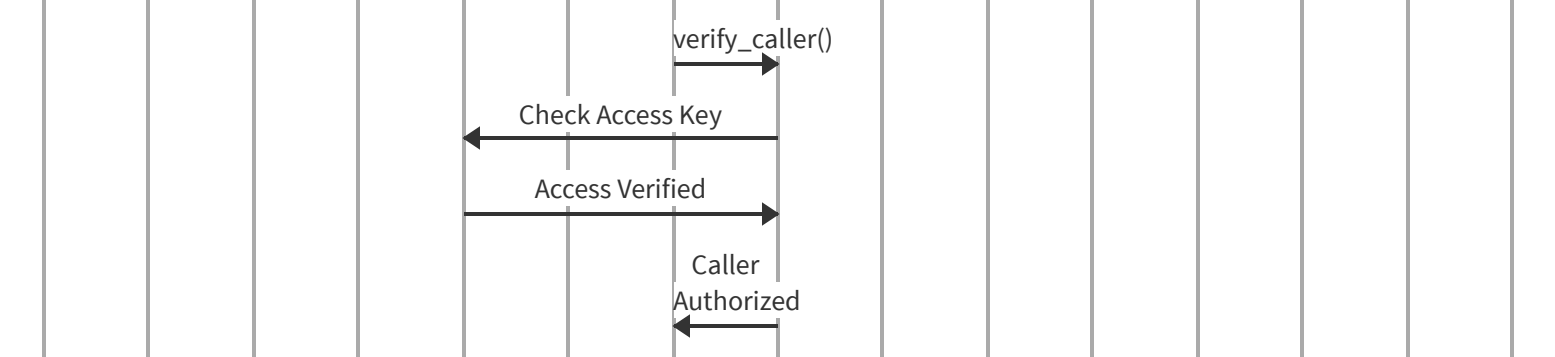
# ICP Calendar Backend Architecture Flow



Authentication Flow Complete



Security Check



Event Processing

Generate  
Event  
ID



Validate  
Time  
Range



Check  
Overlaps



Store  
in  
HashMap



Update  
Time  
Index



Update  
Owner  
Index



## Inter-Canister Communication

Report Request

Update  
Metrics

Metrics  
Updated

Request Logged

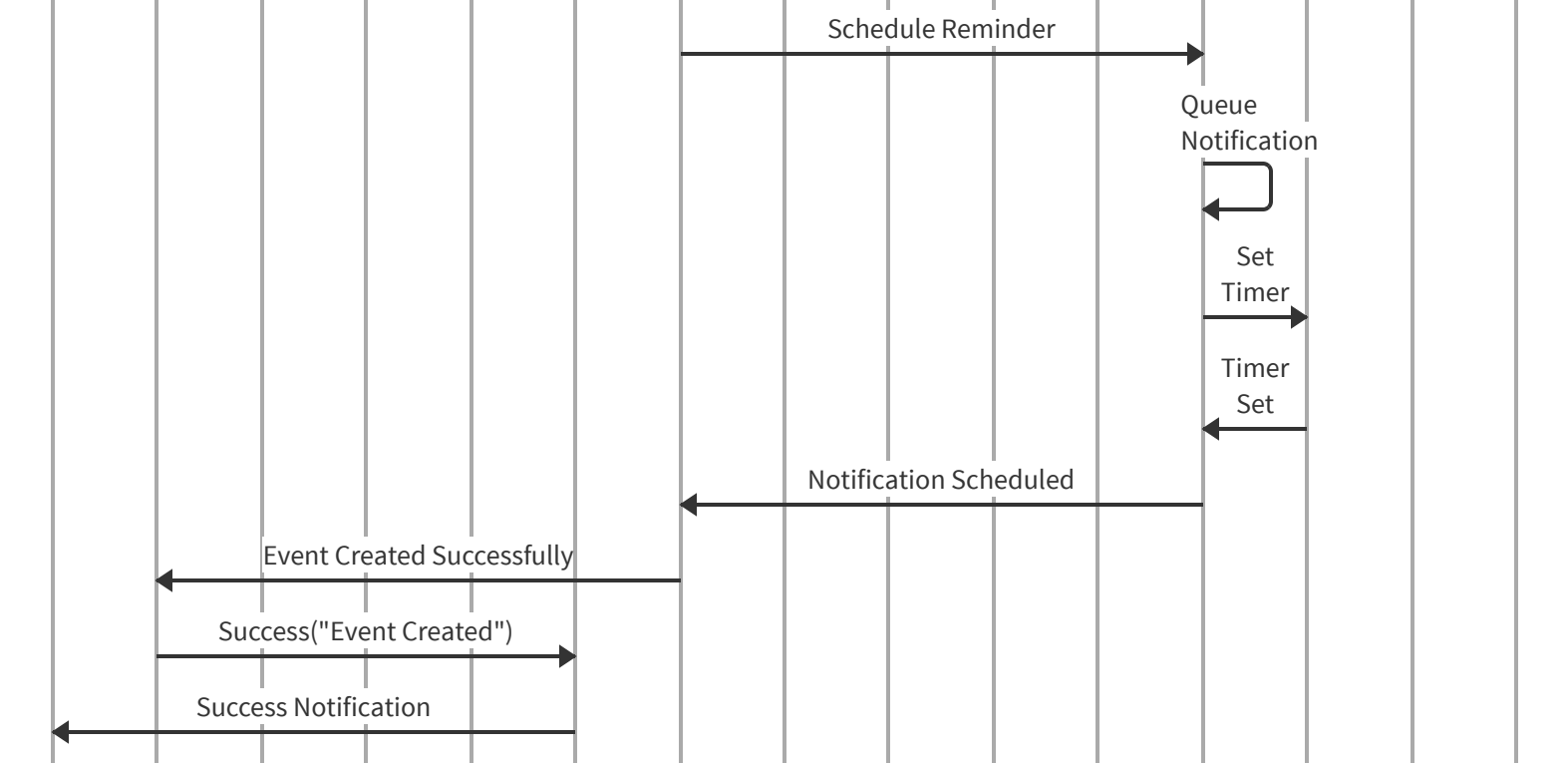
Trigger Backup

Create Snapshot

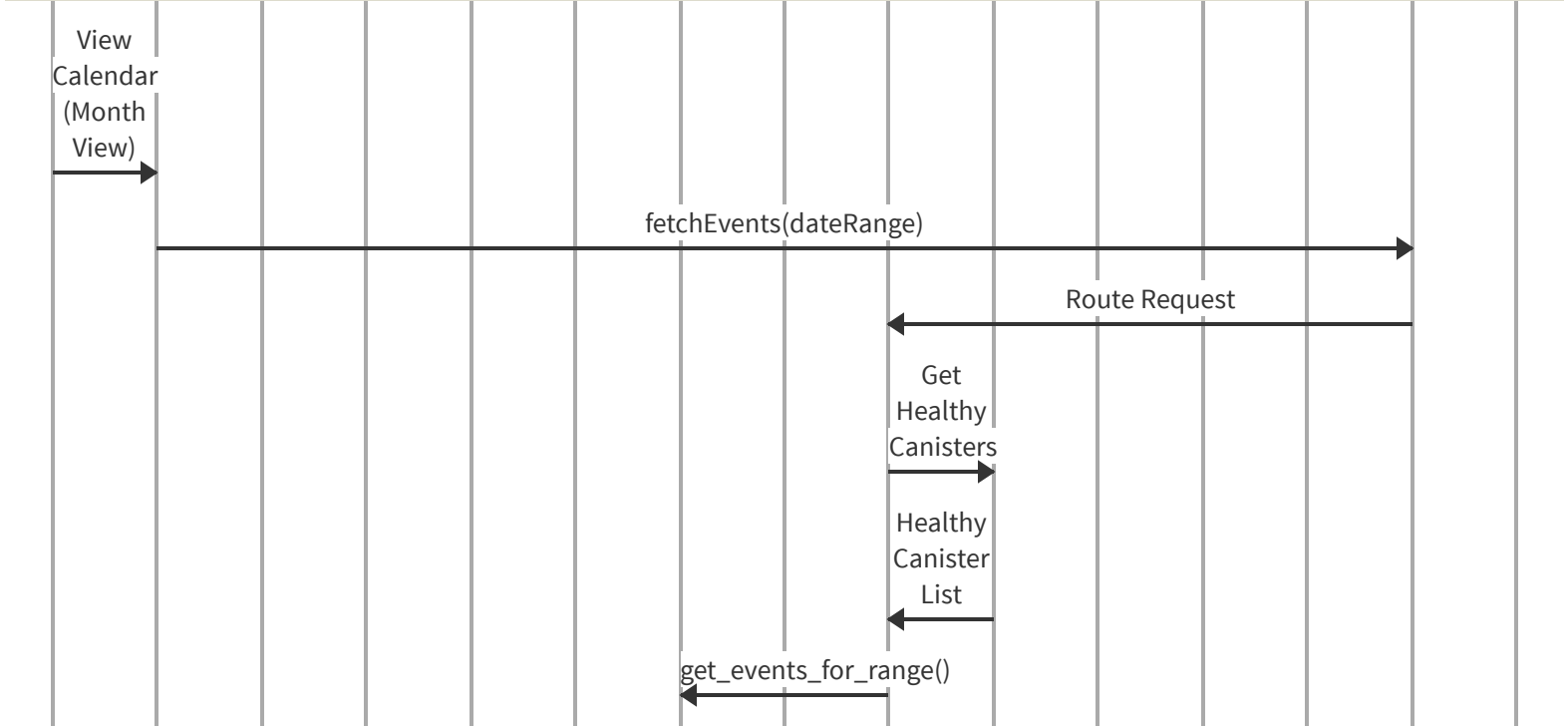
Hash  
Data

Store  
Metadata

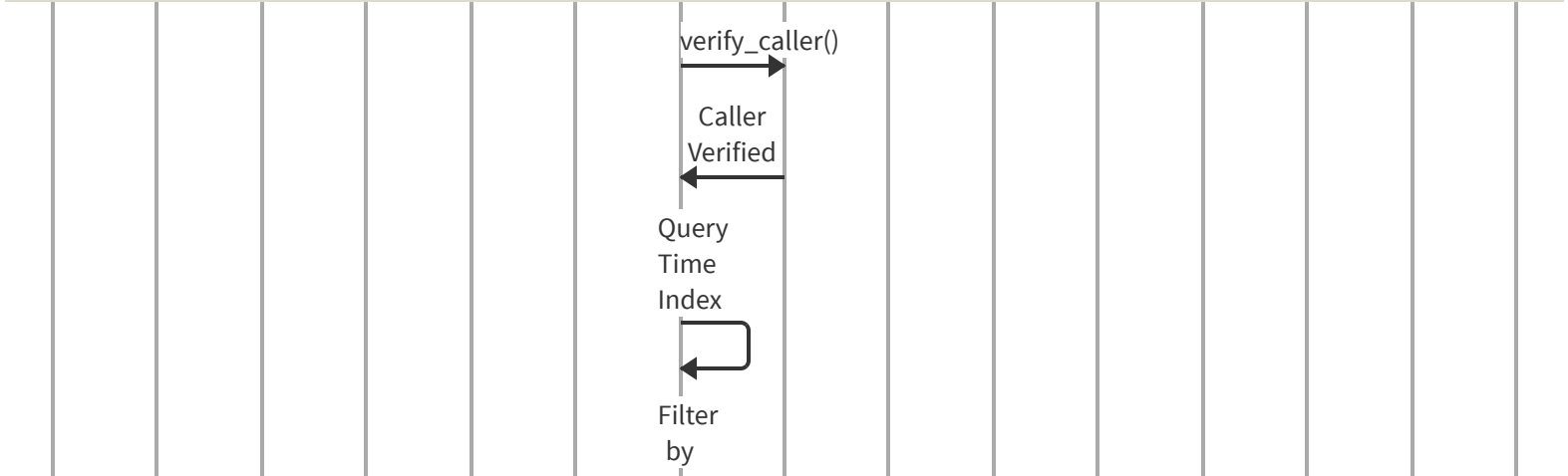
Backup Complete

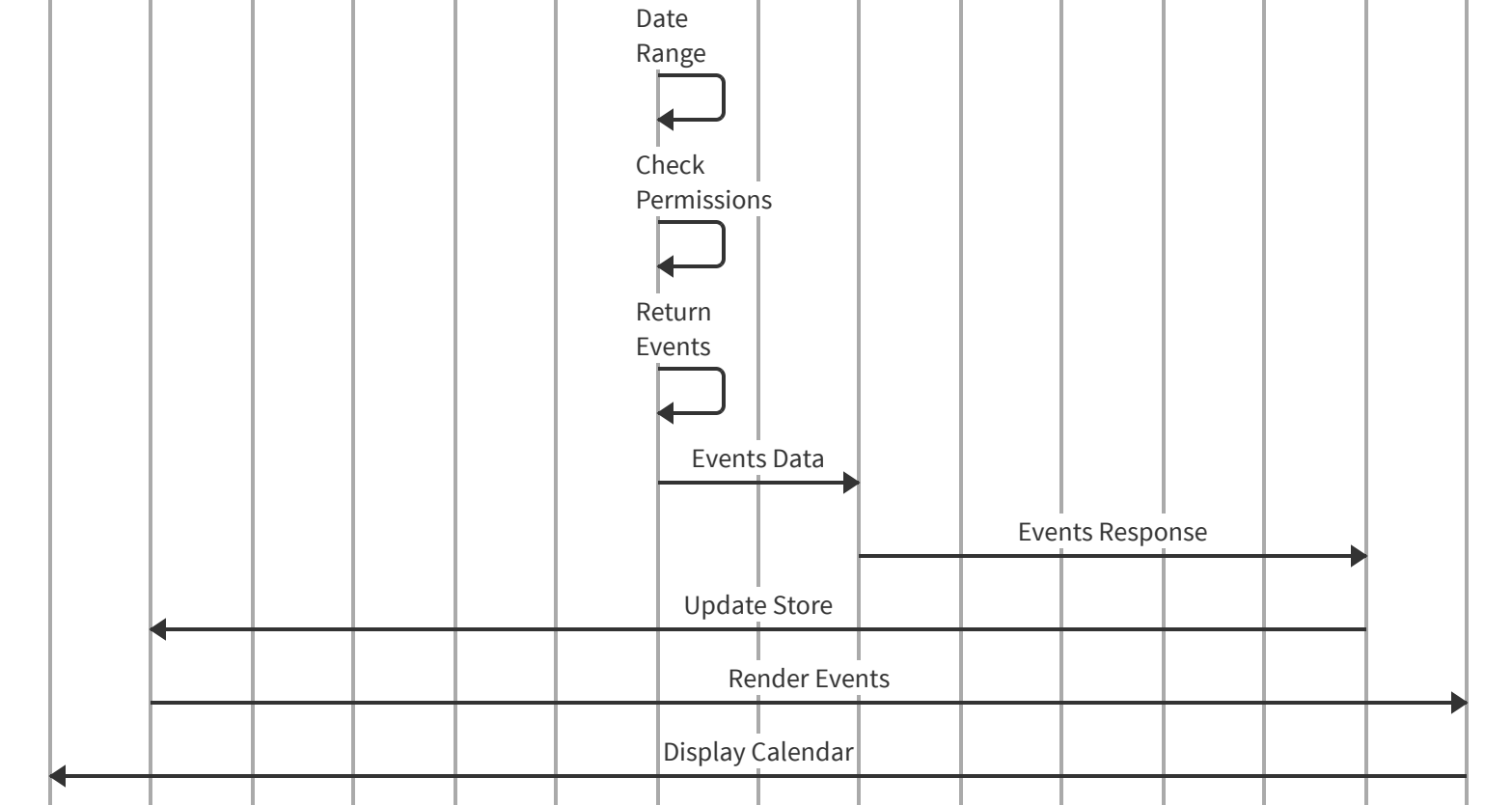


Event Creation Complete

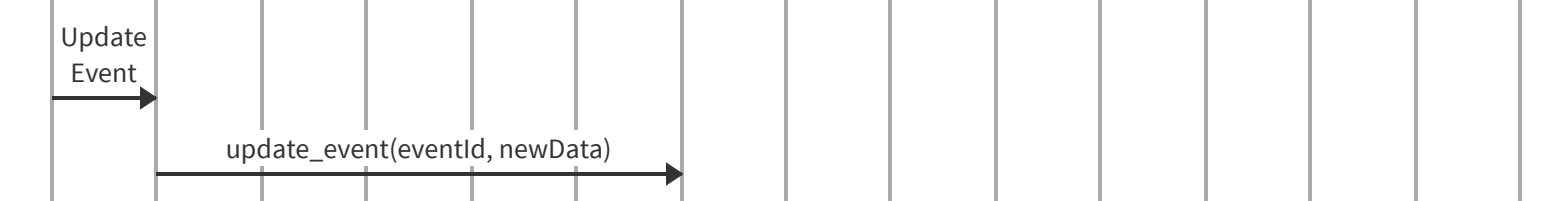


Query Processing

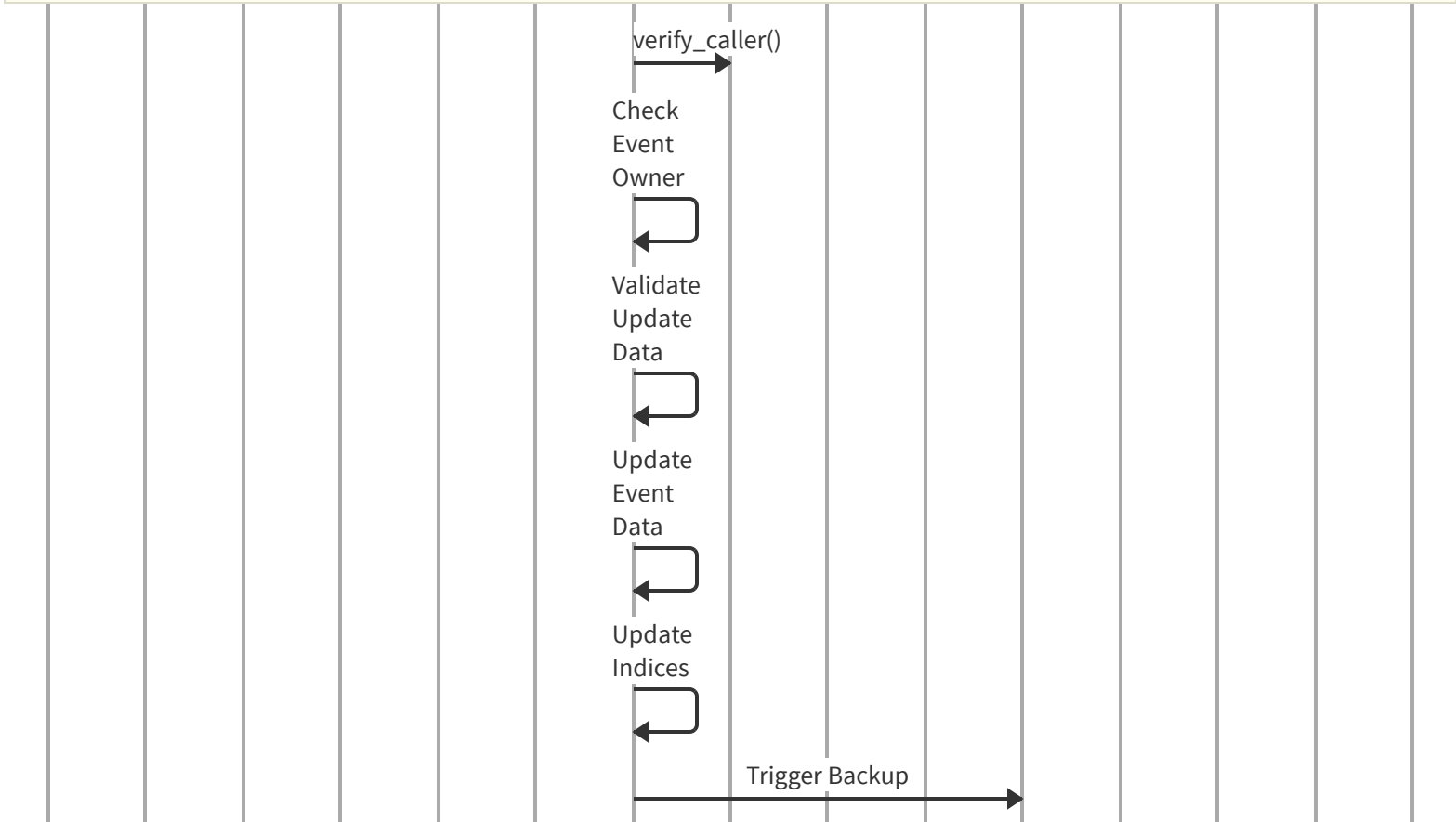


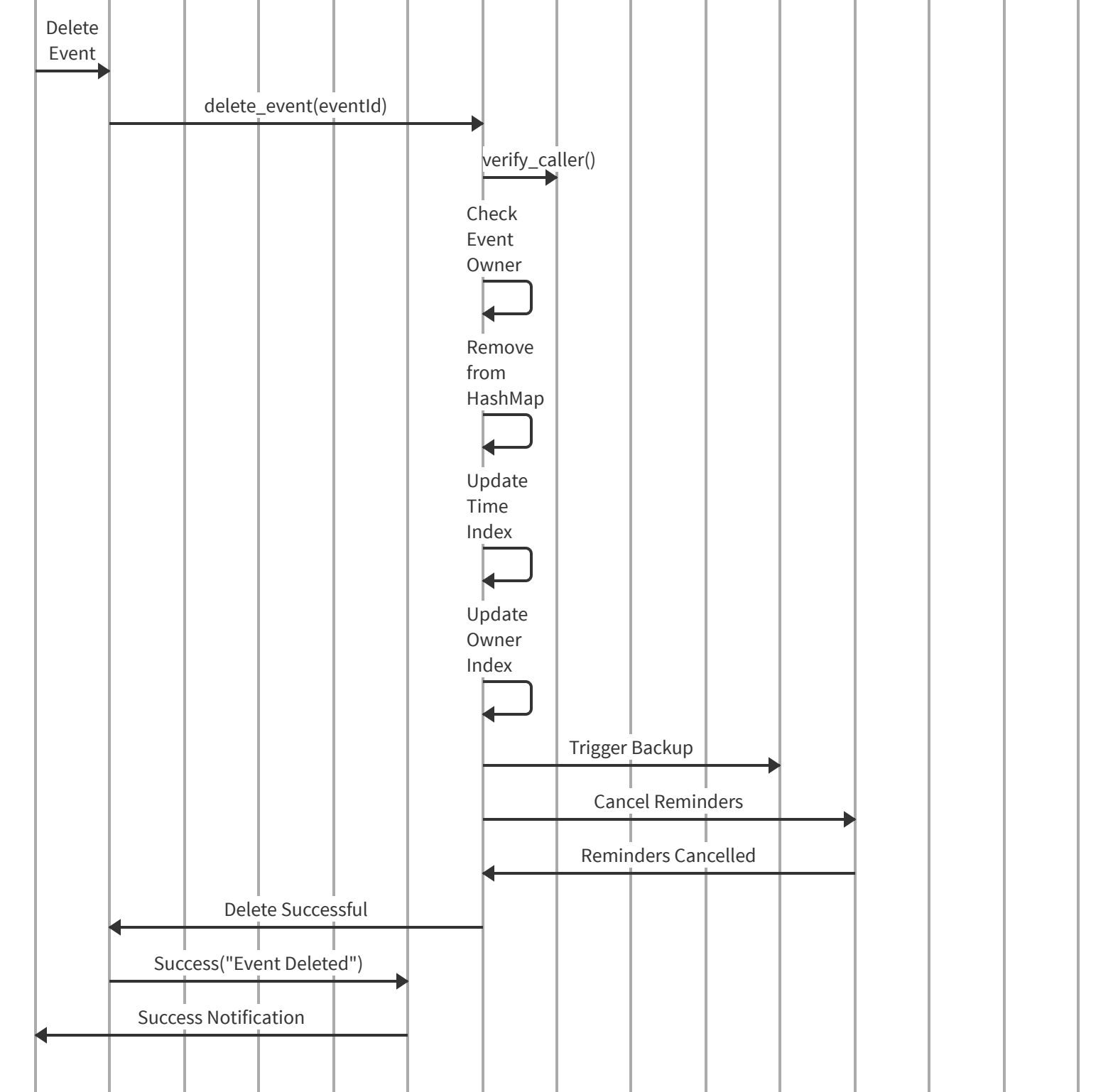
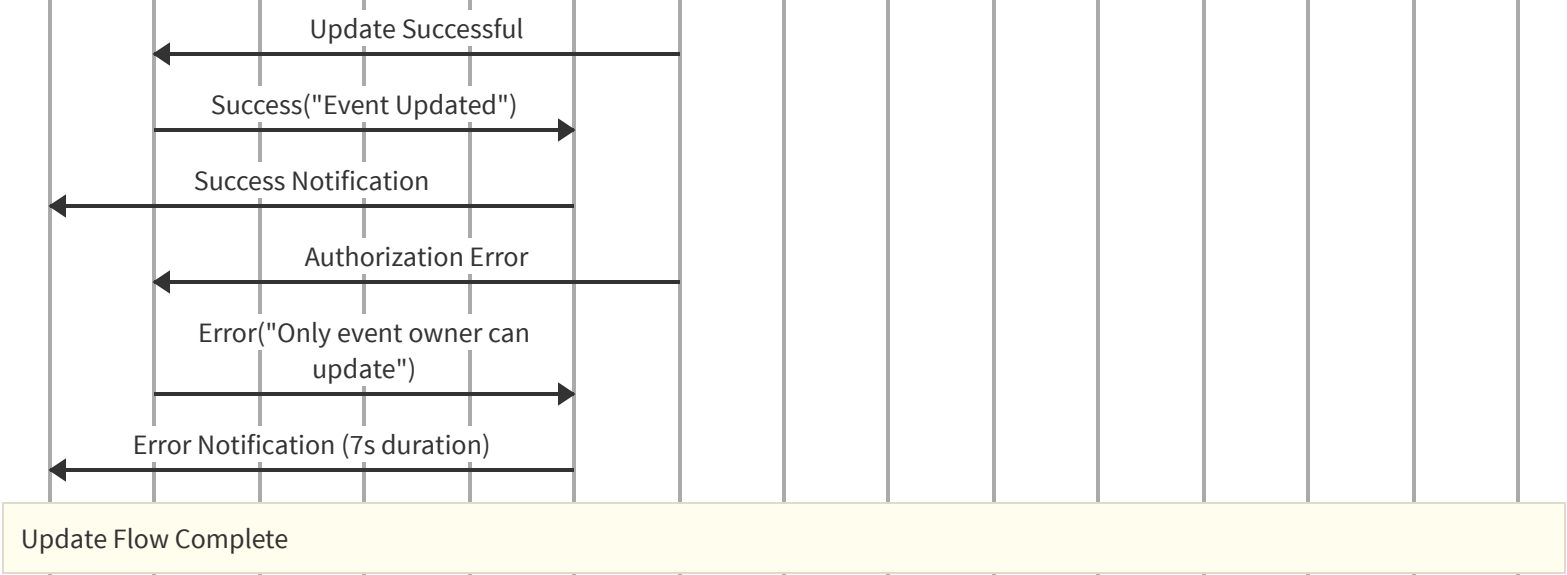


Calendar Display Complete



Authorization Check

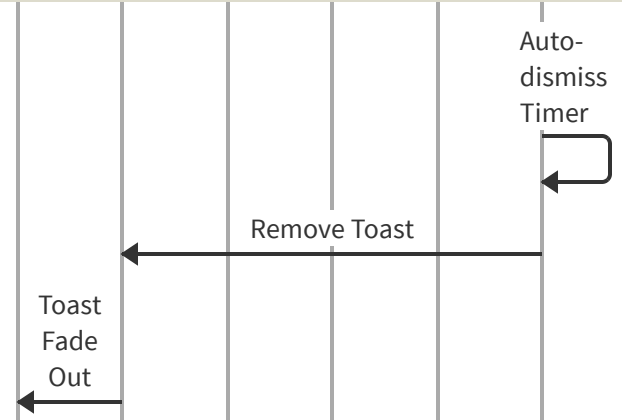






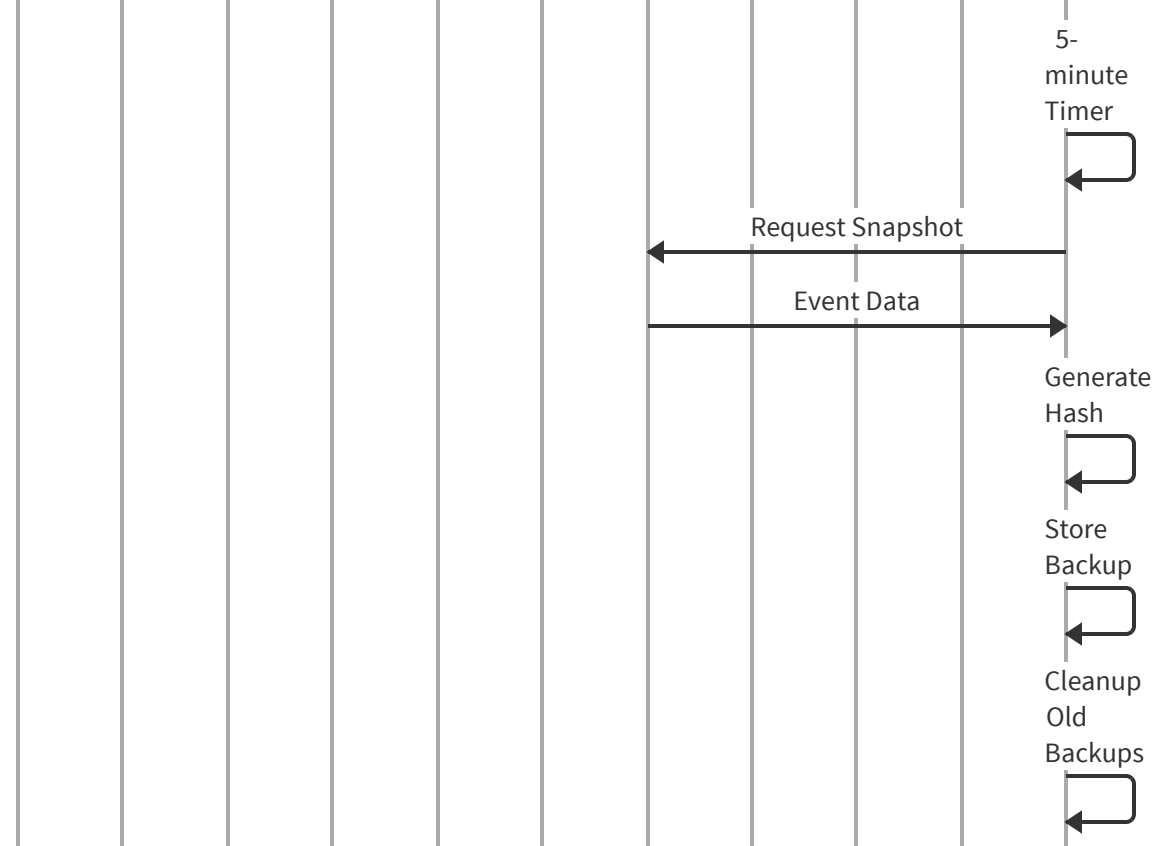
Health Monitoring Complete

Toast Notification System



Toast Lifecycle Complete

Automated Backup Schedule



Backup Cycle Complete

Background Notification Processing

