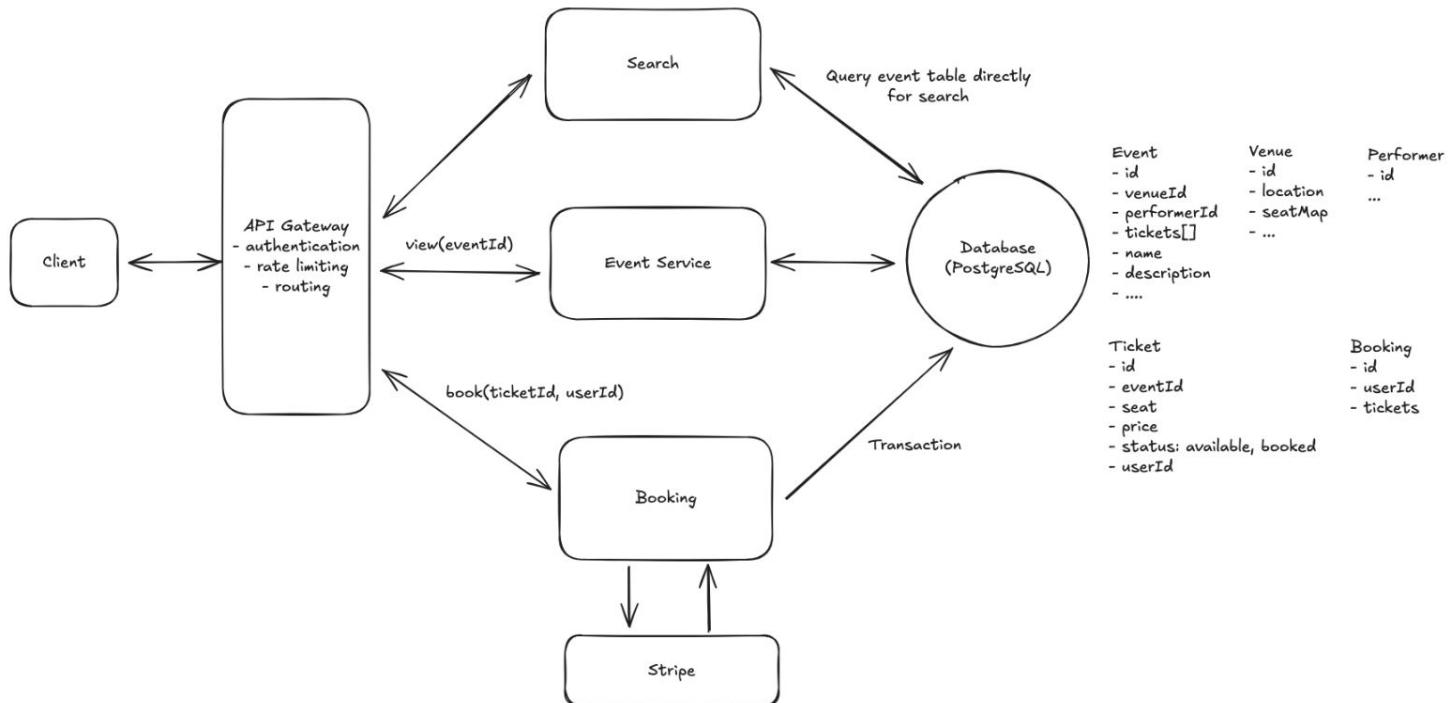
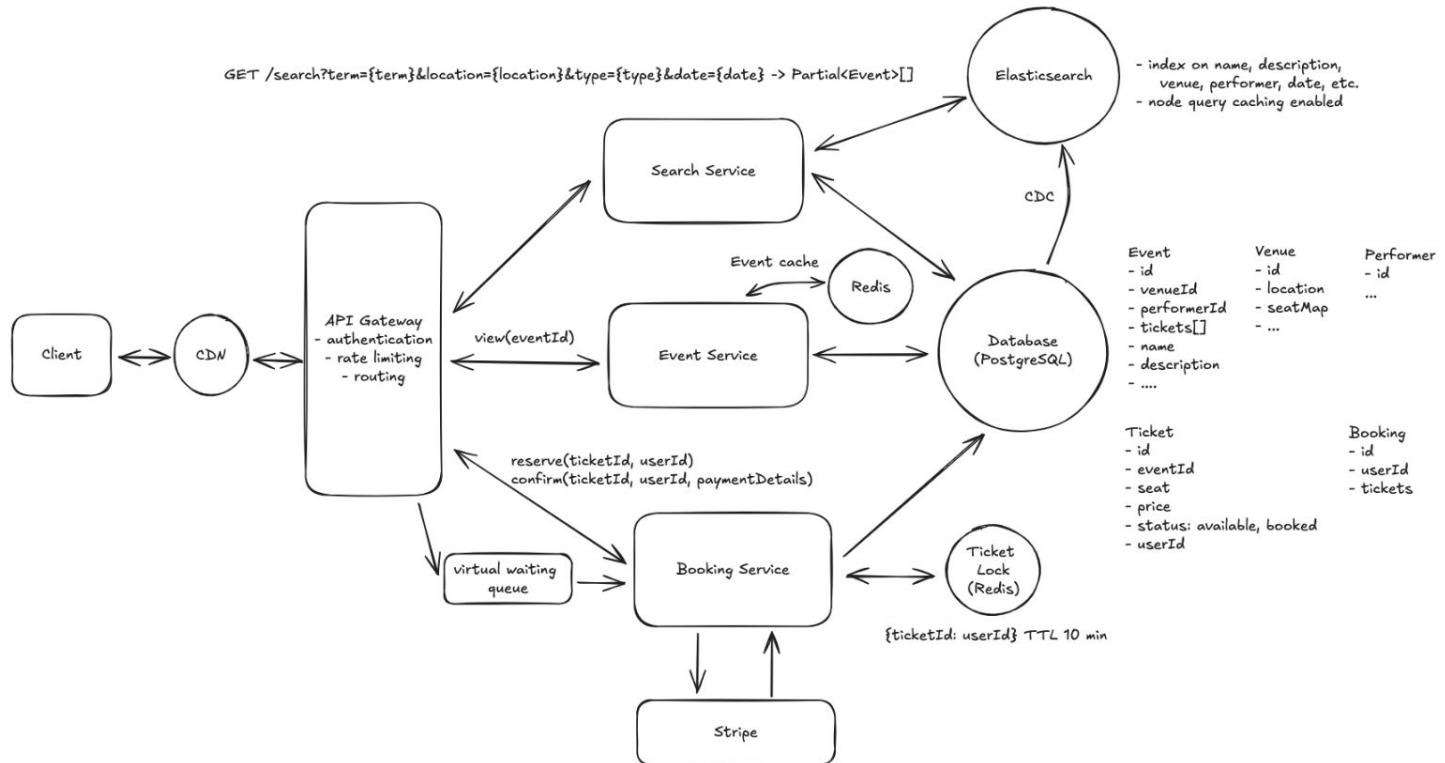


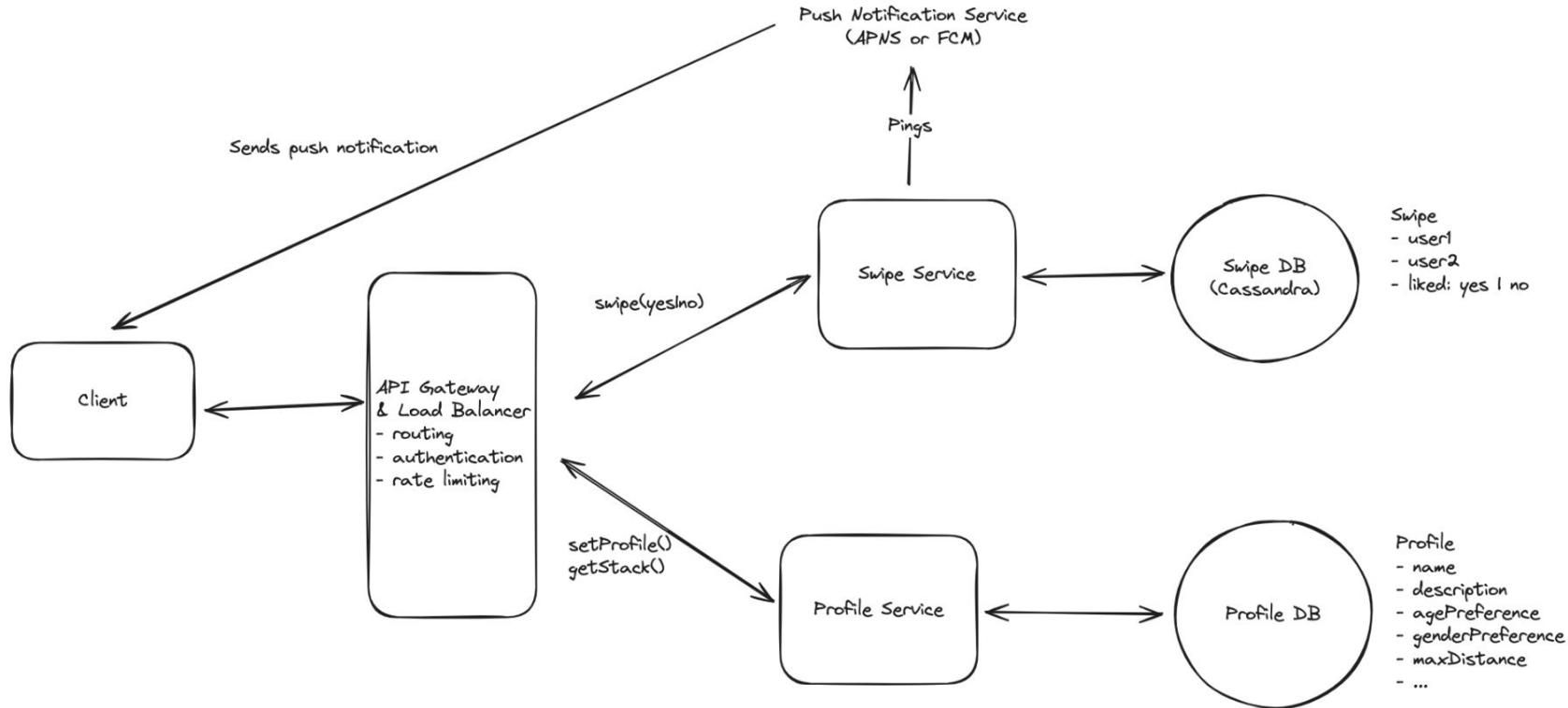
Uber Final

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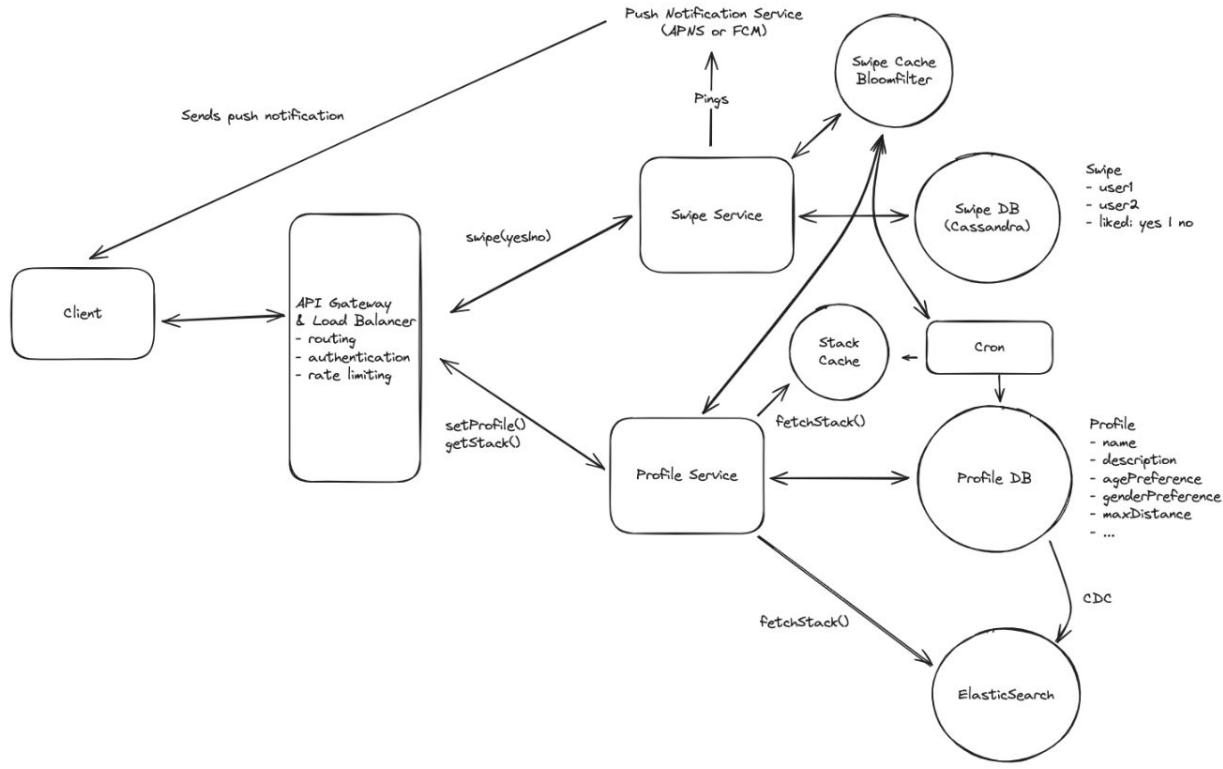


Simple Booking Flow

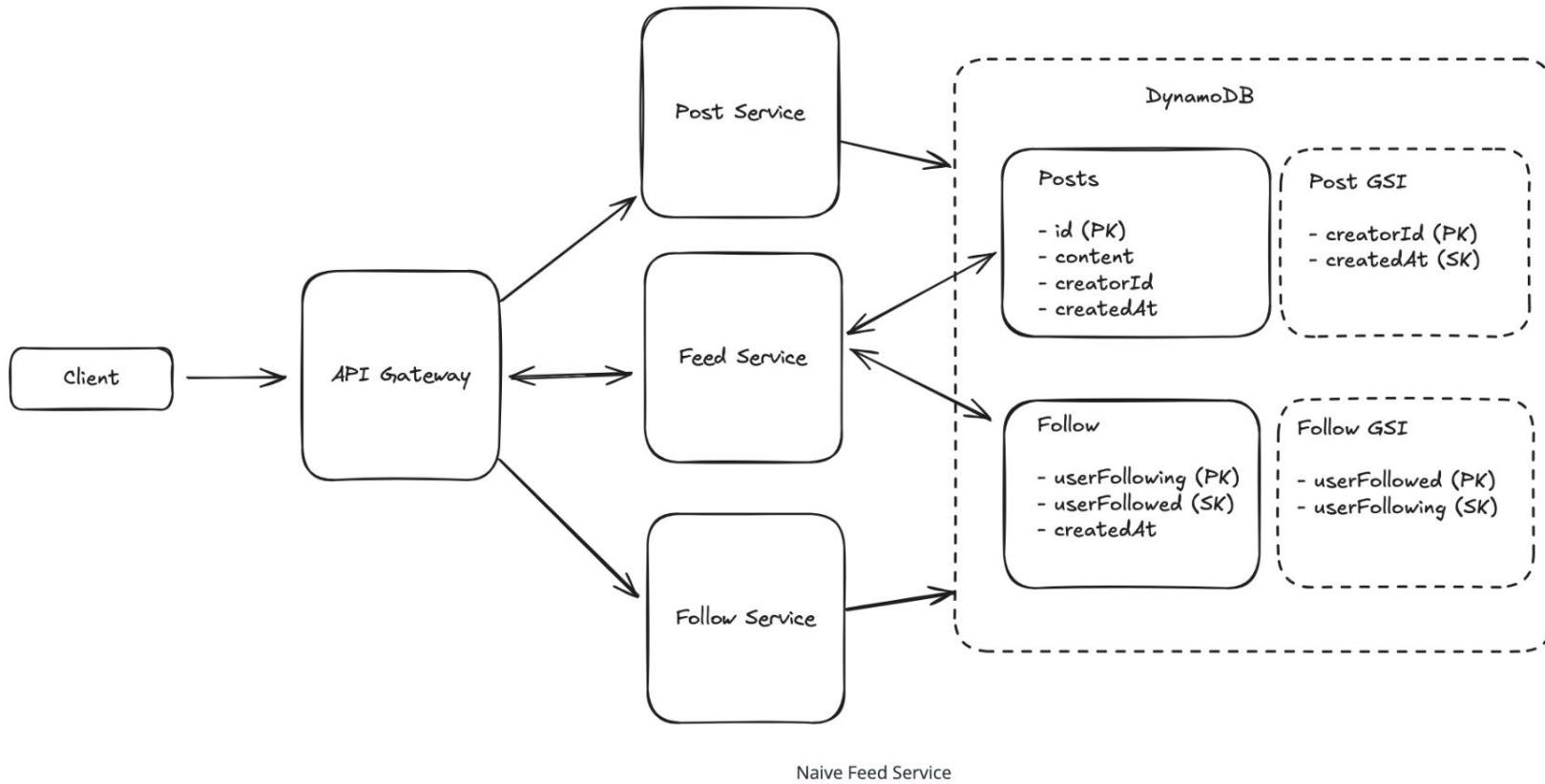


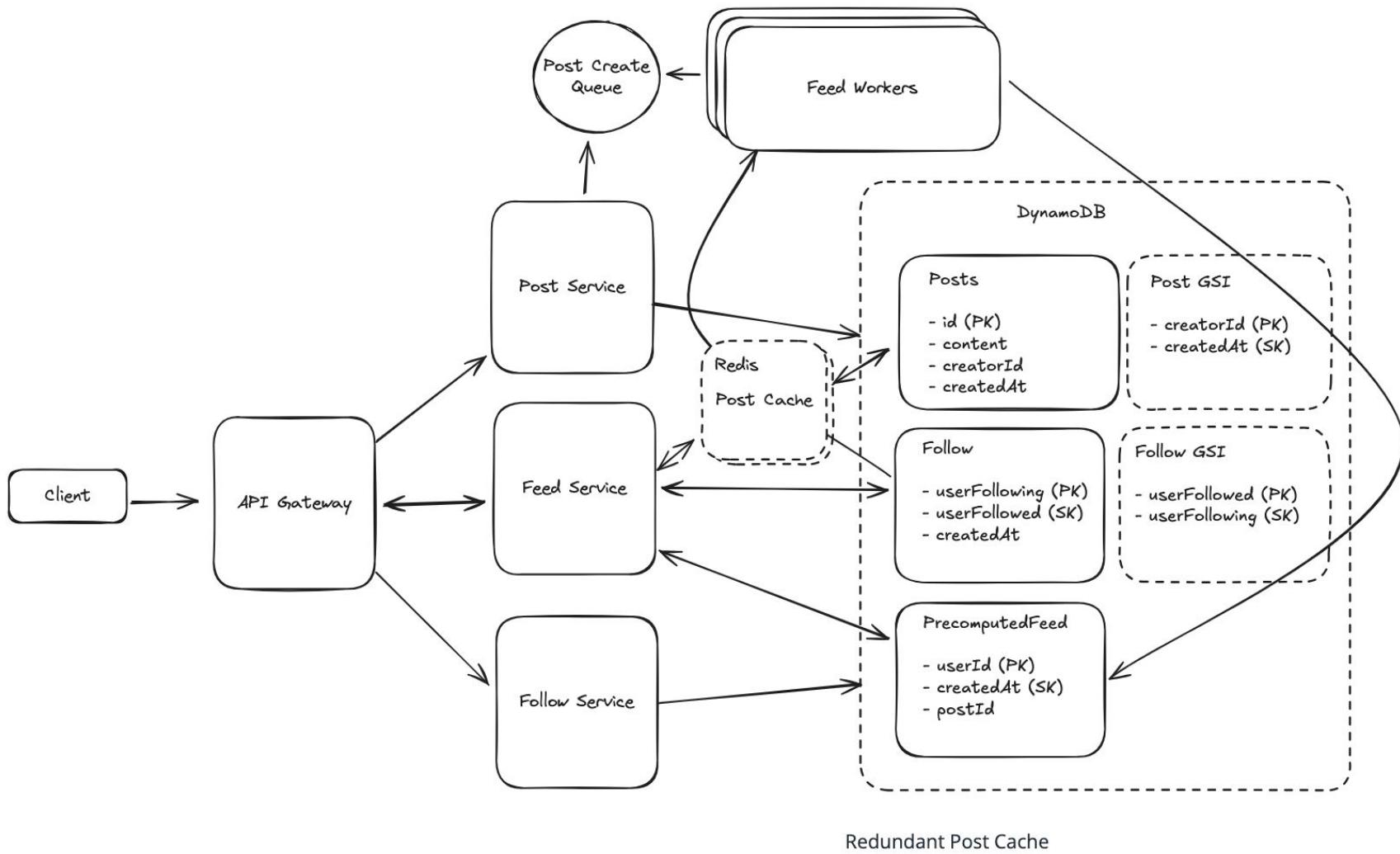


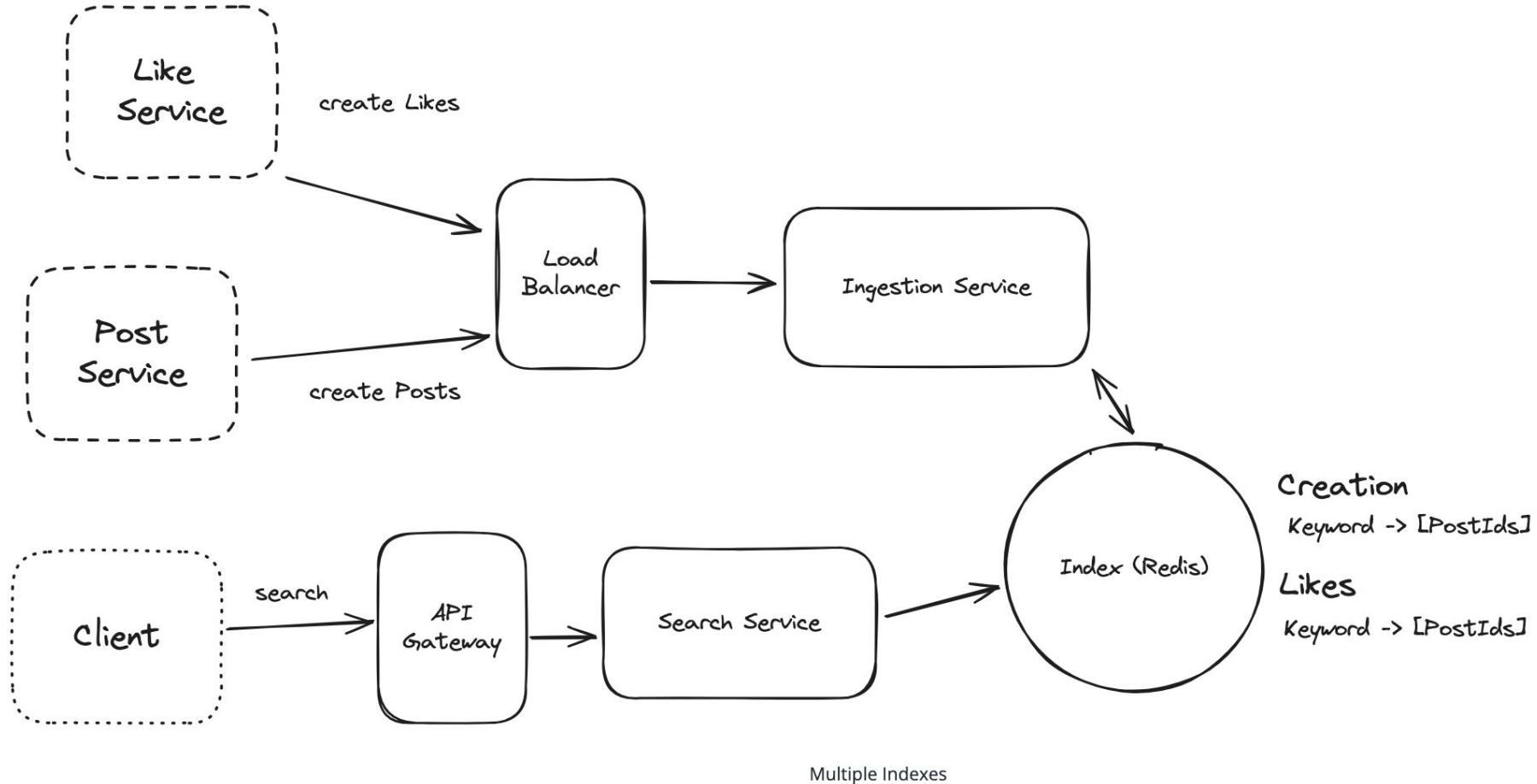
Users get a match notification if they mutually swipe on each other

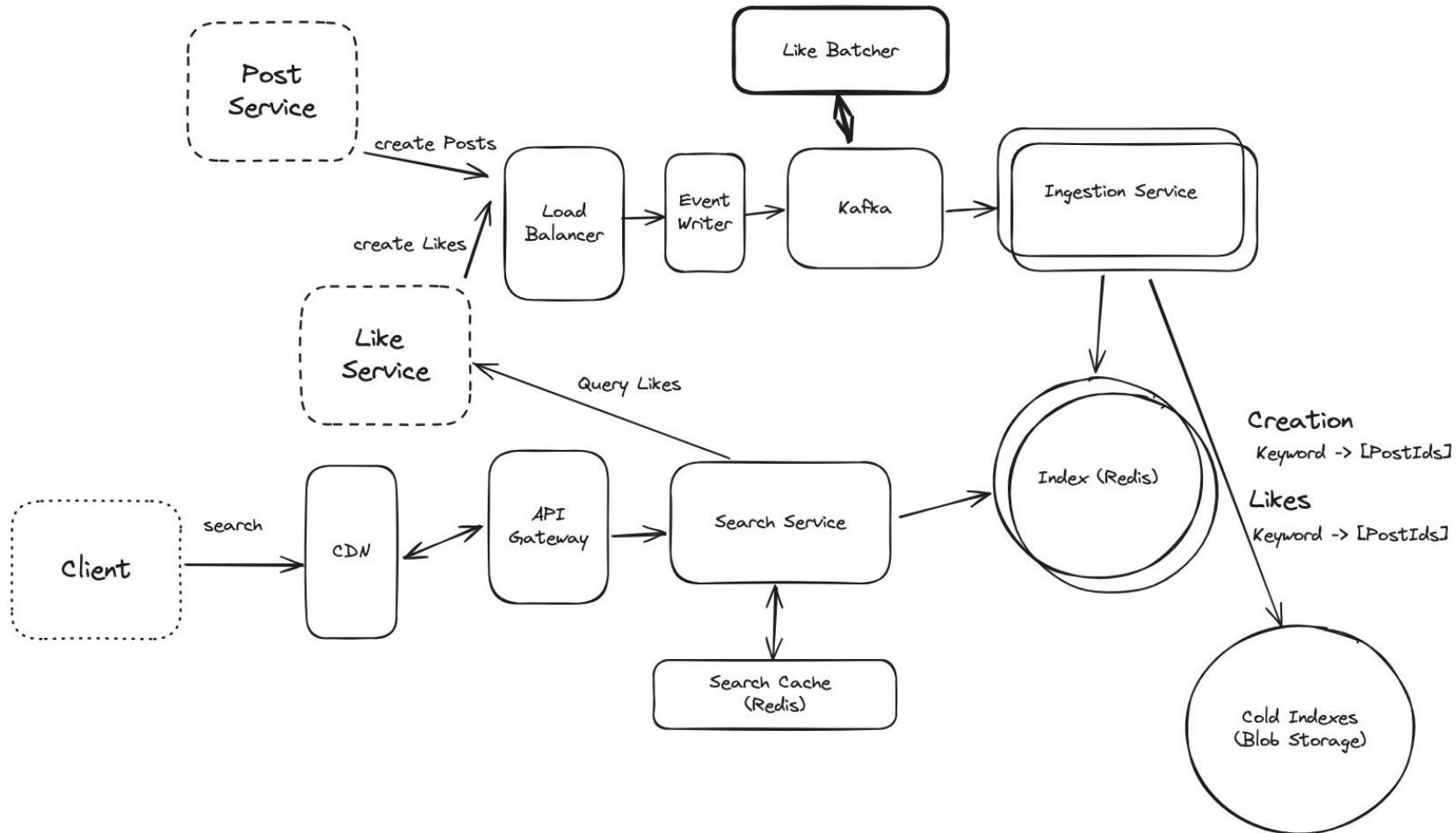


Final Design

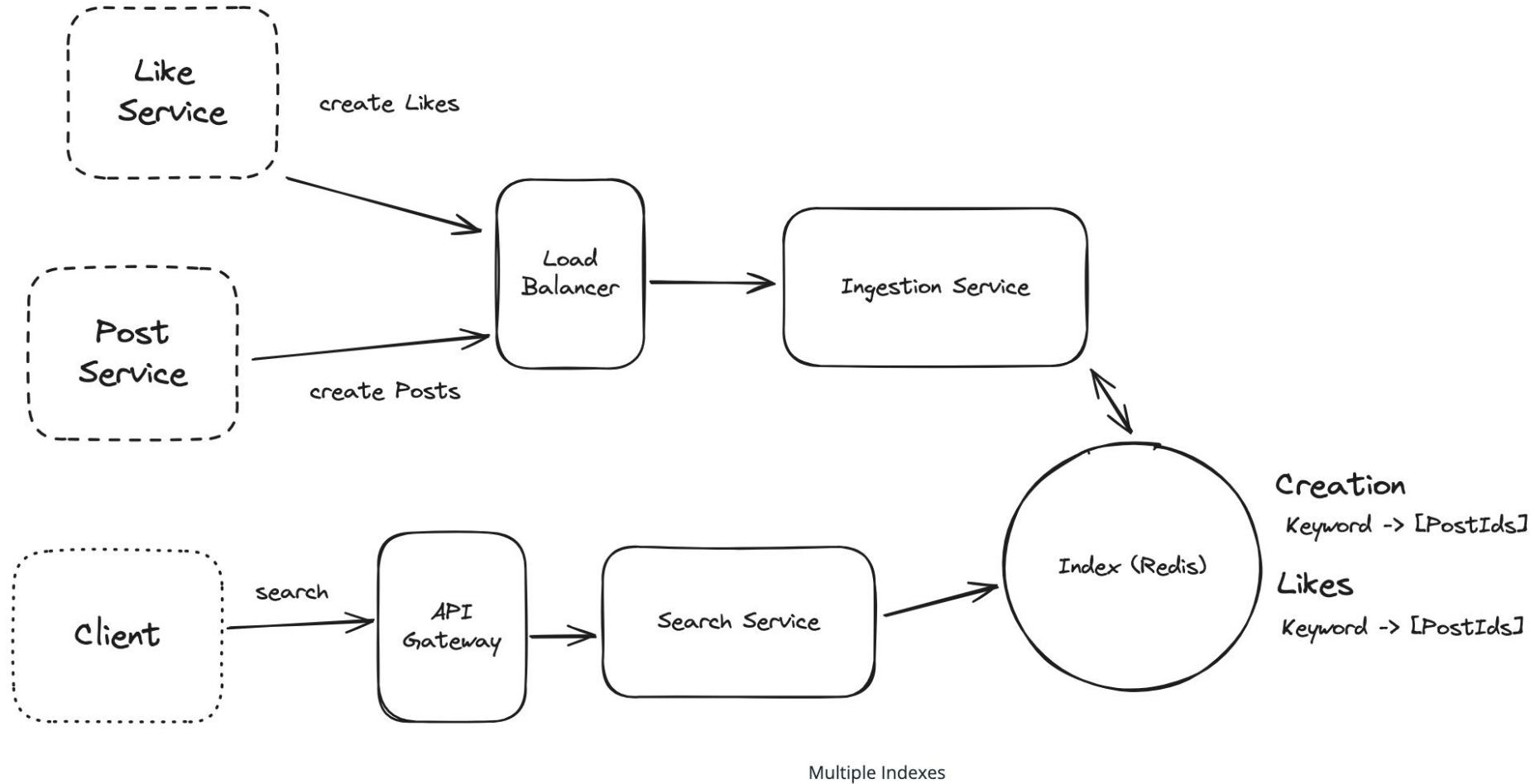


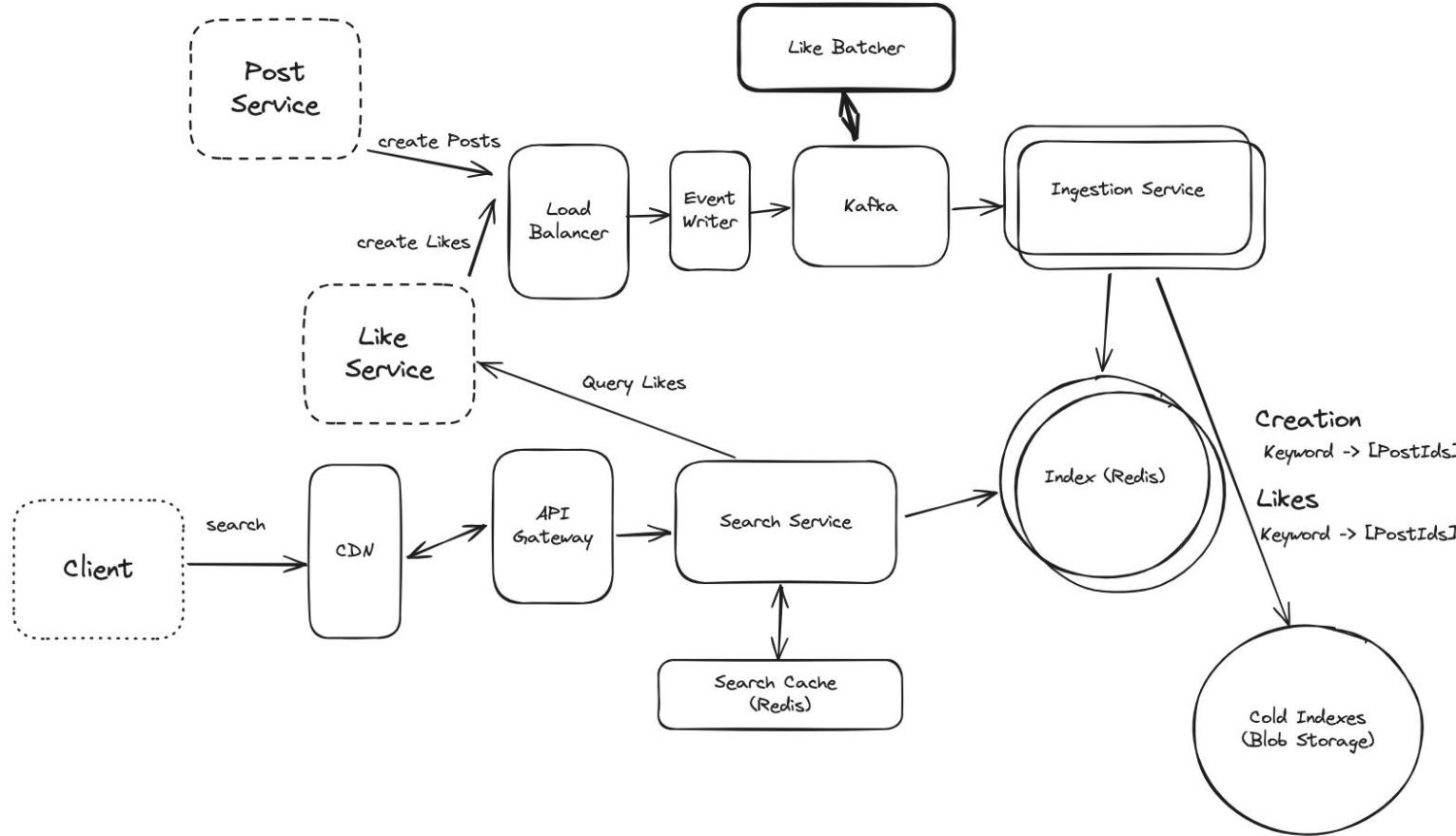




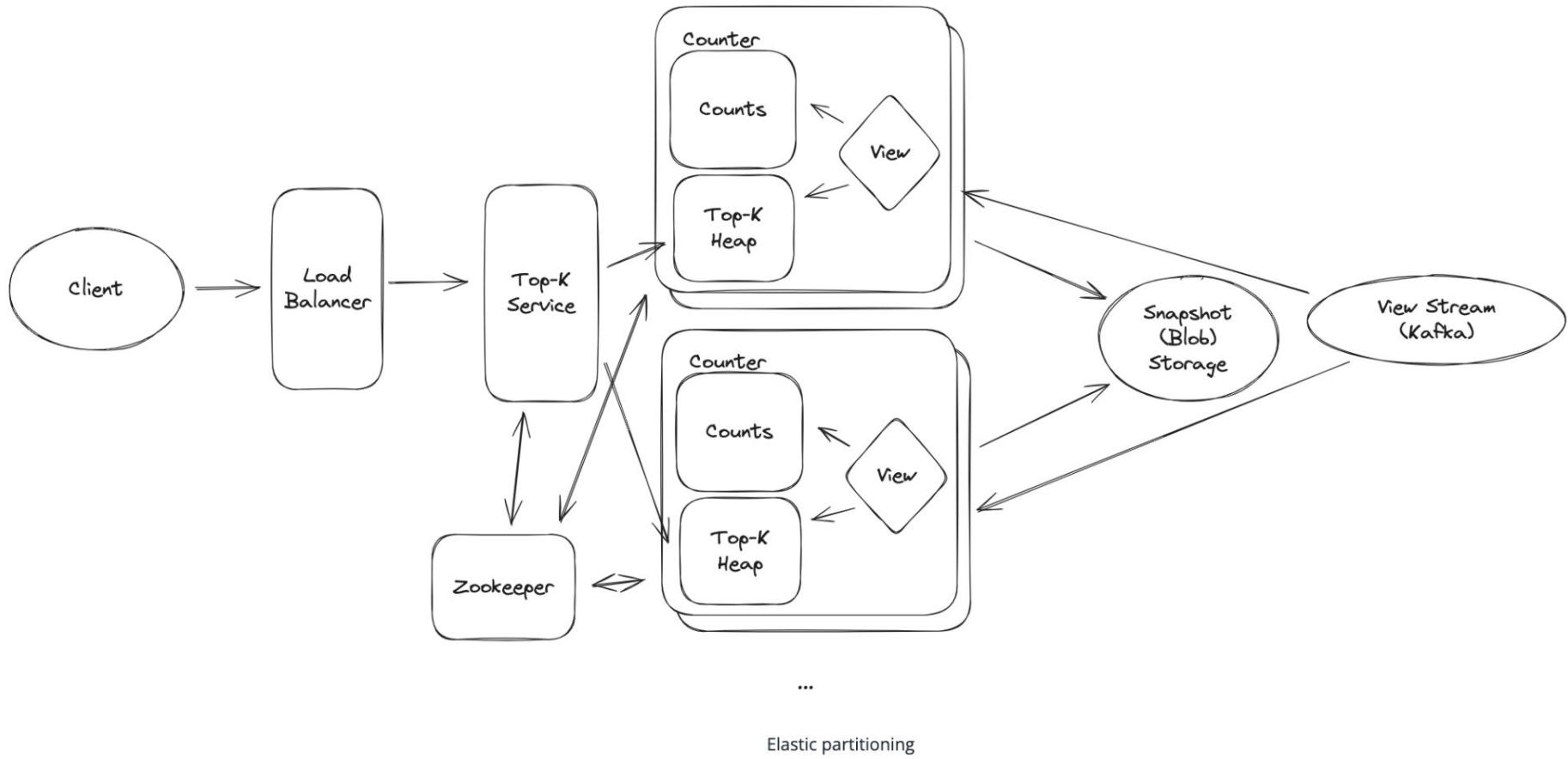


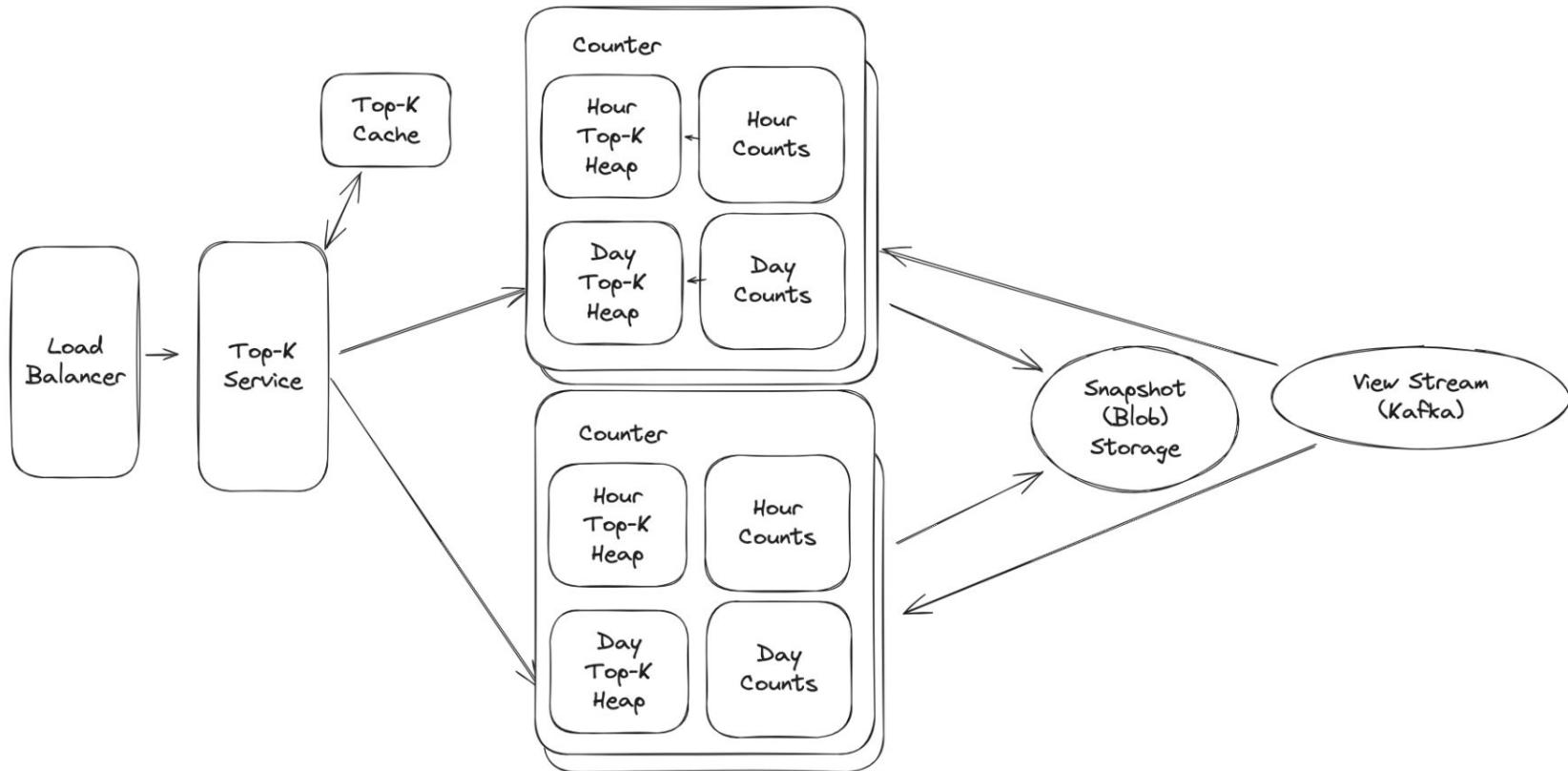
Full Design





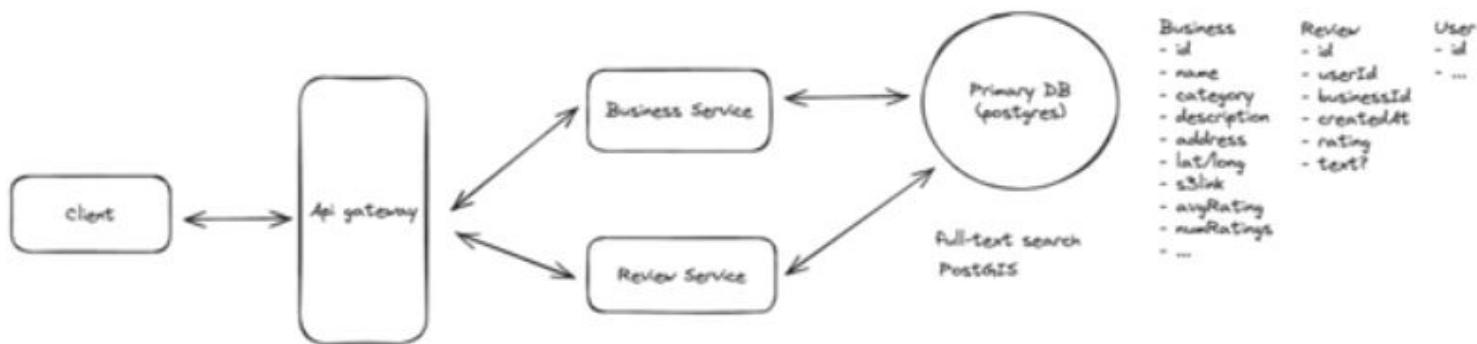
Full Design

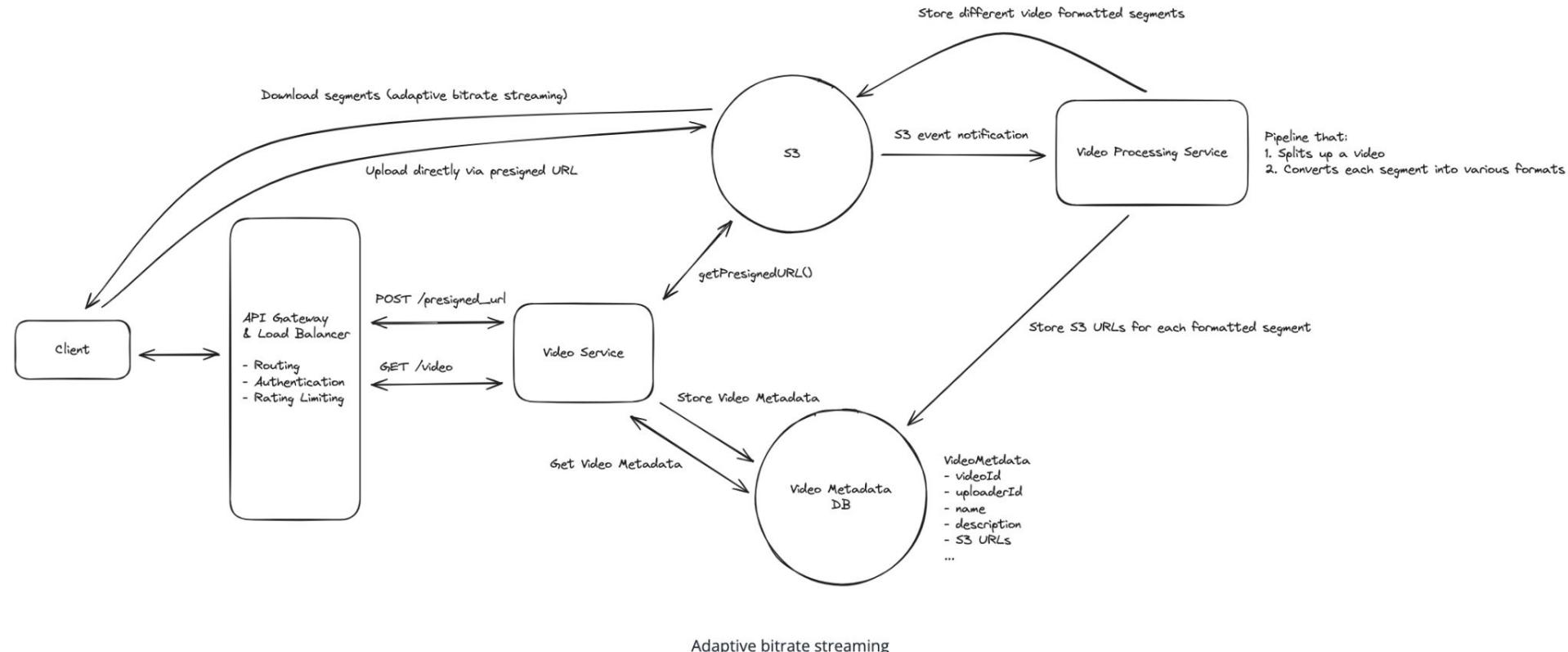


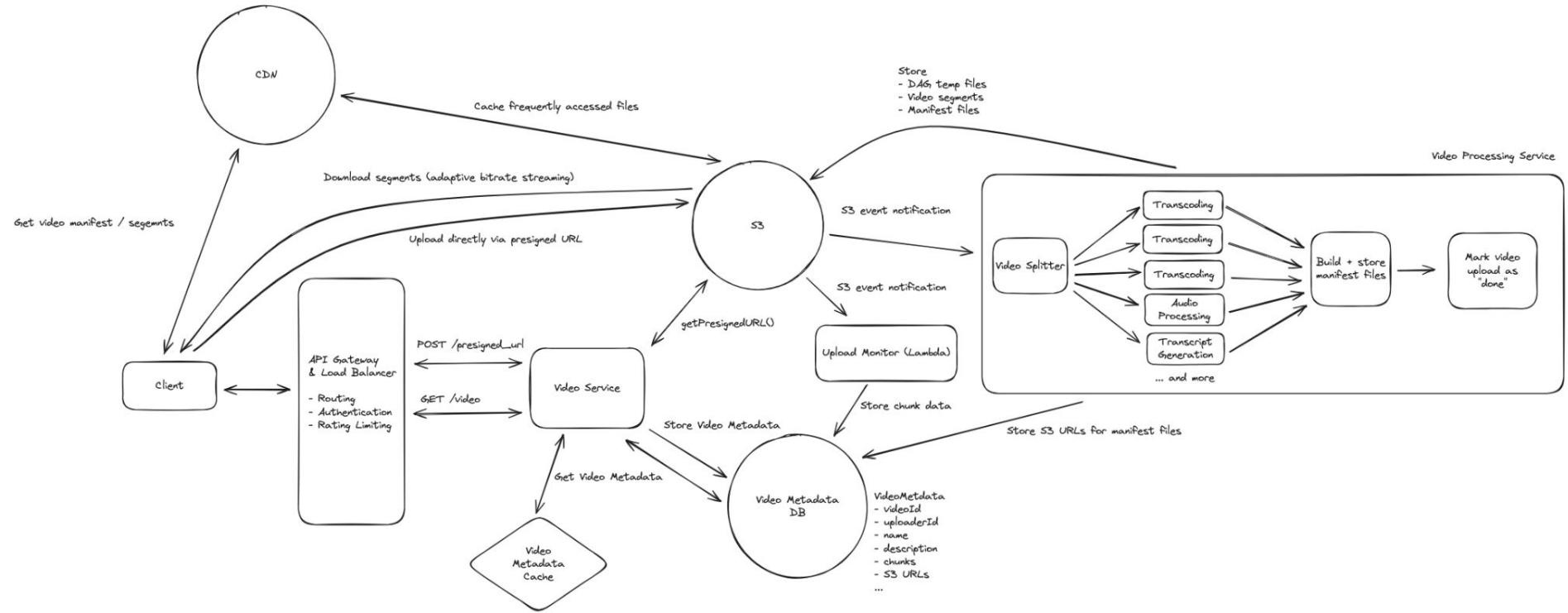


Full design with cache

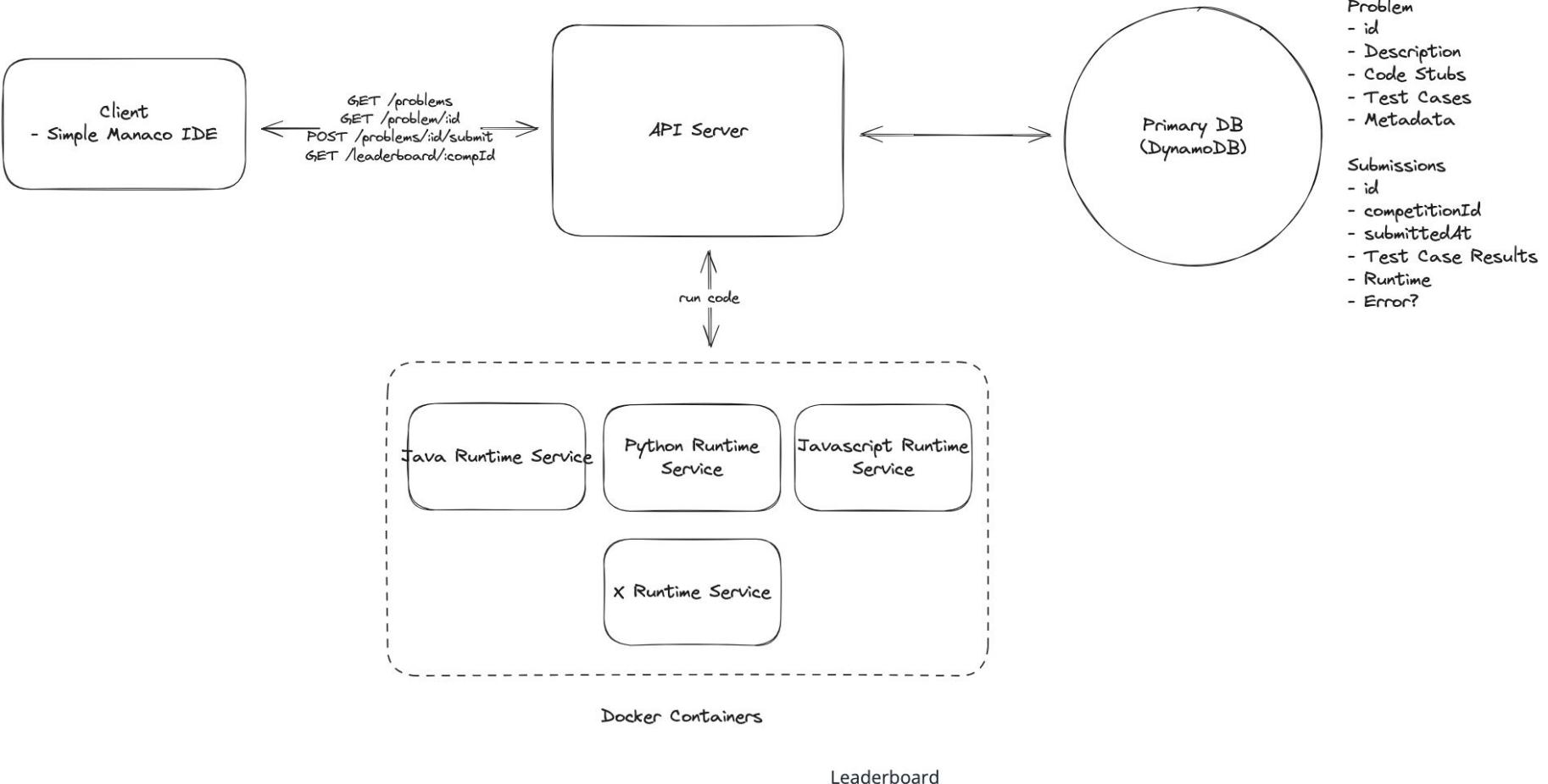
High-Level Design

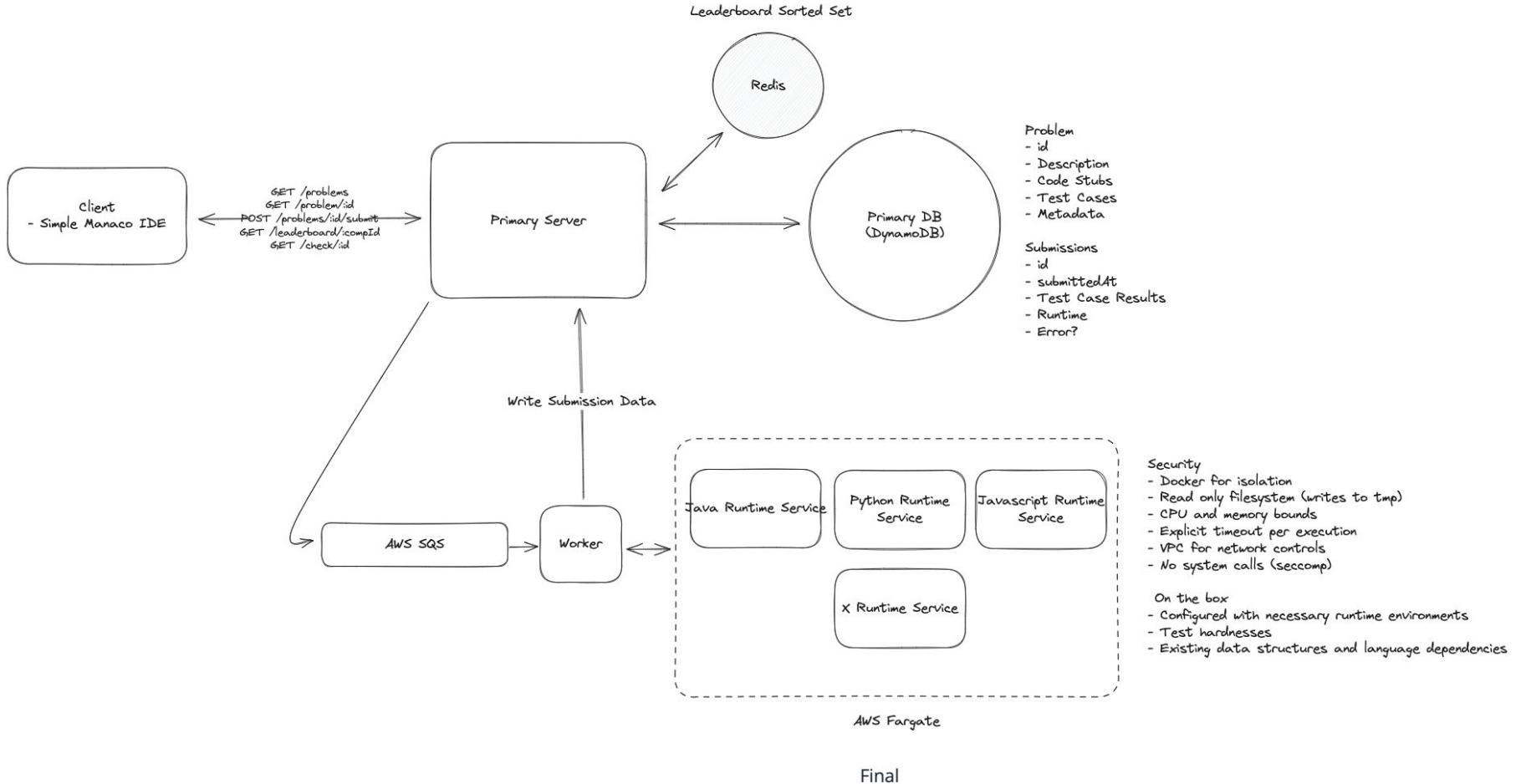


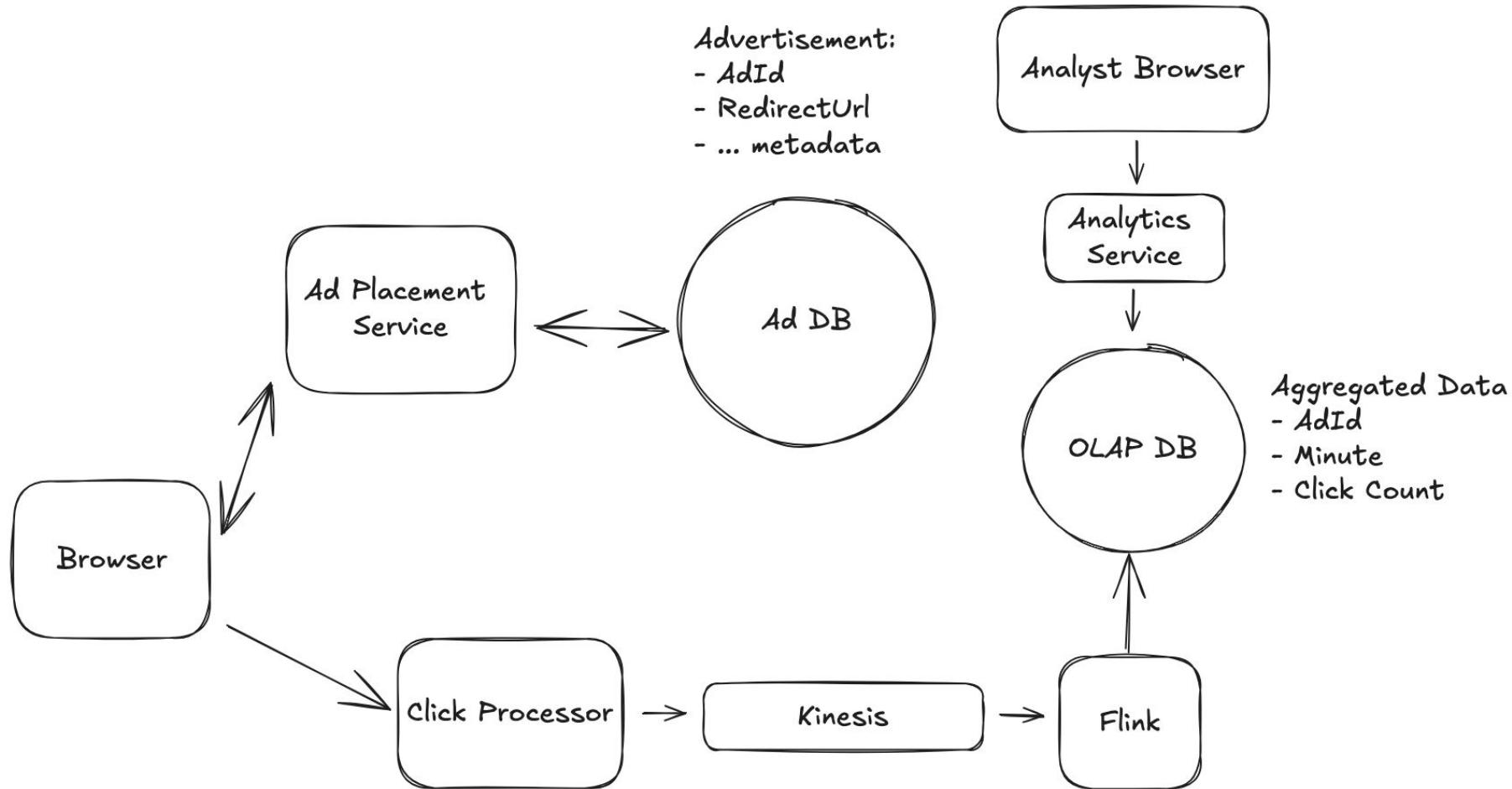


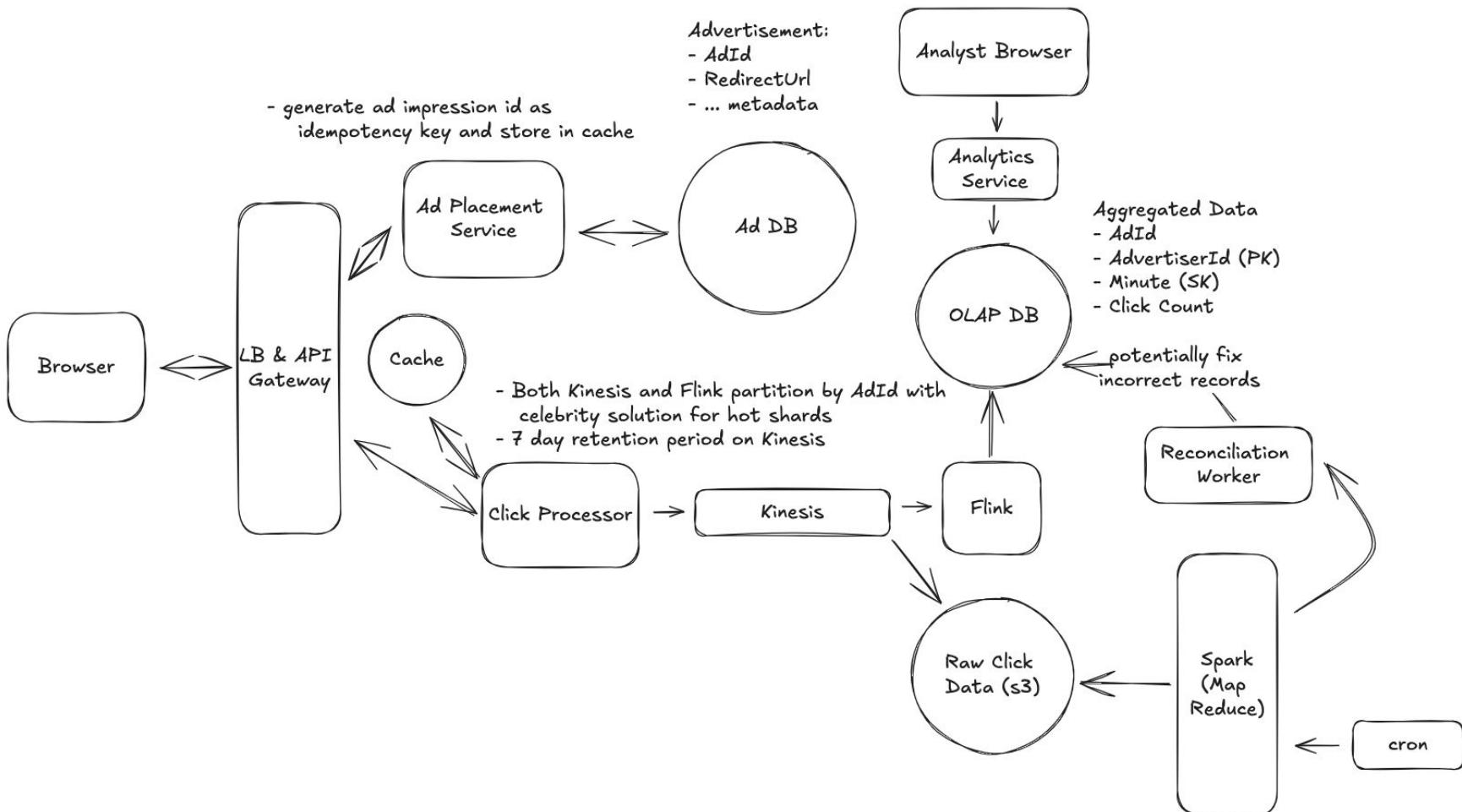


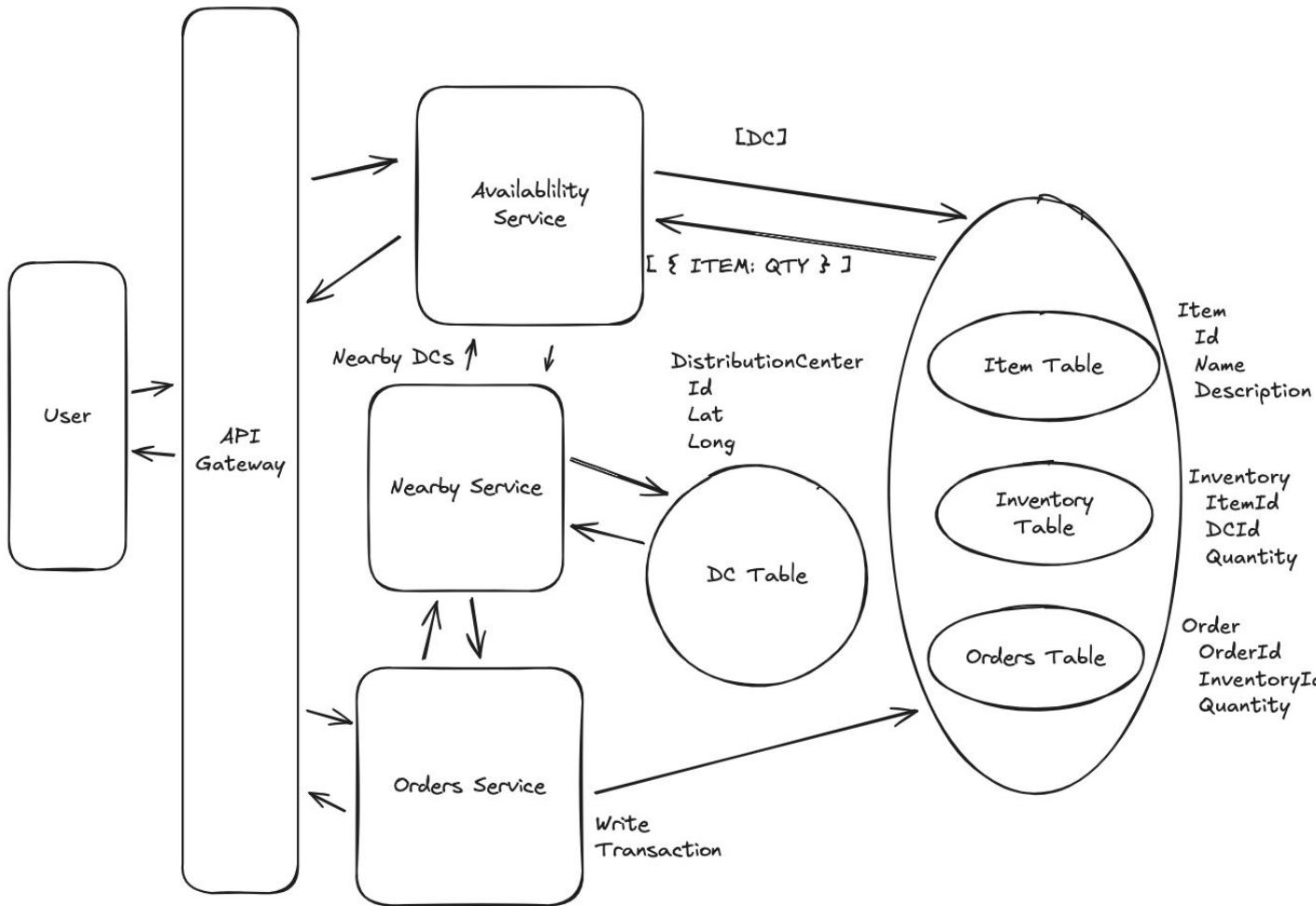
How do we scale to a large number of videos uploaded / watched a day?



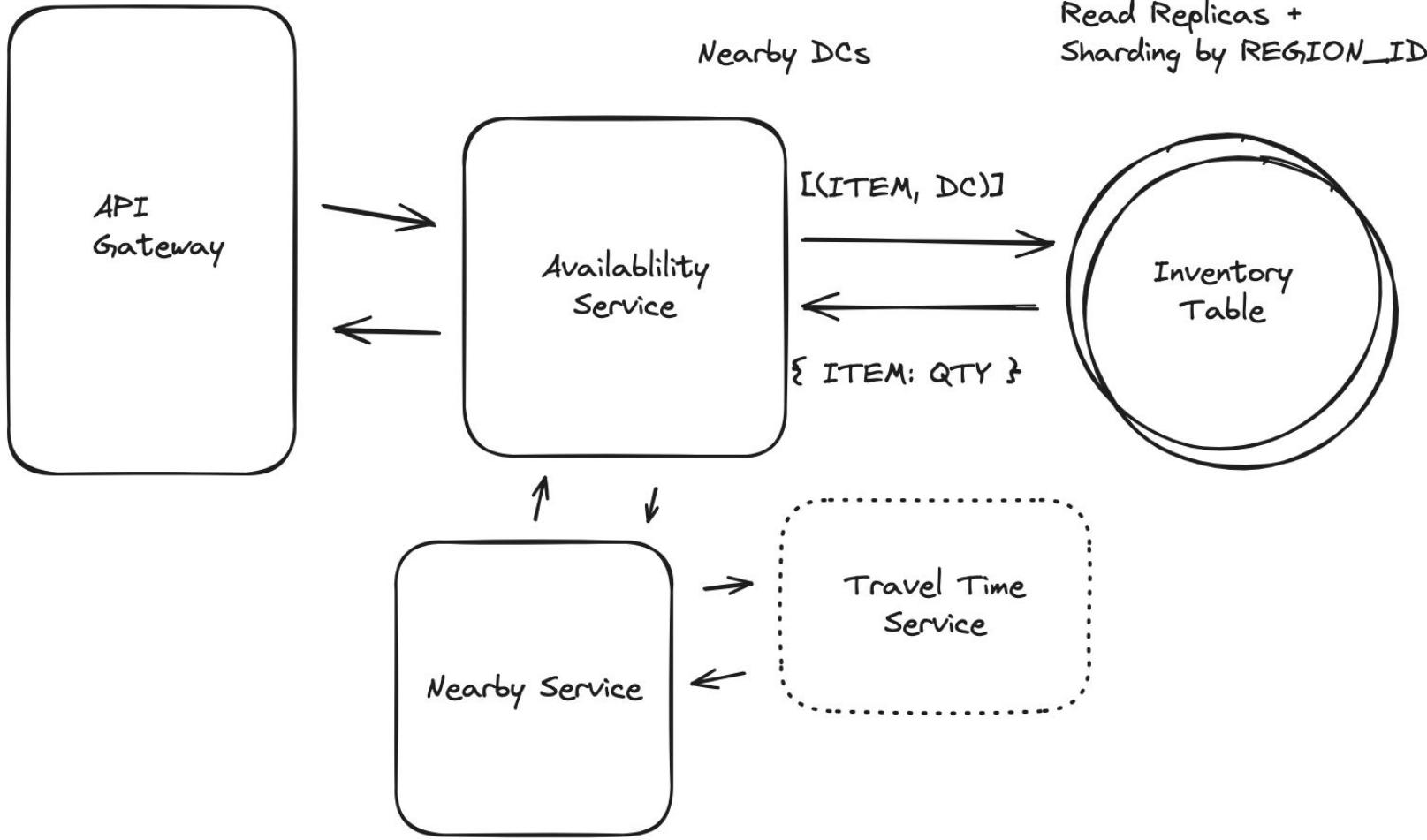


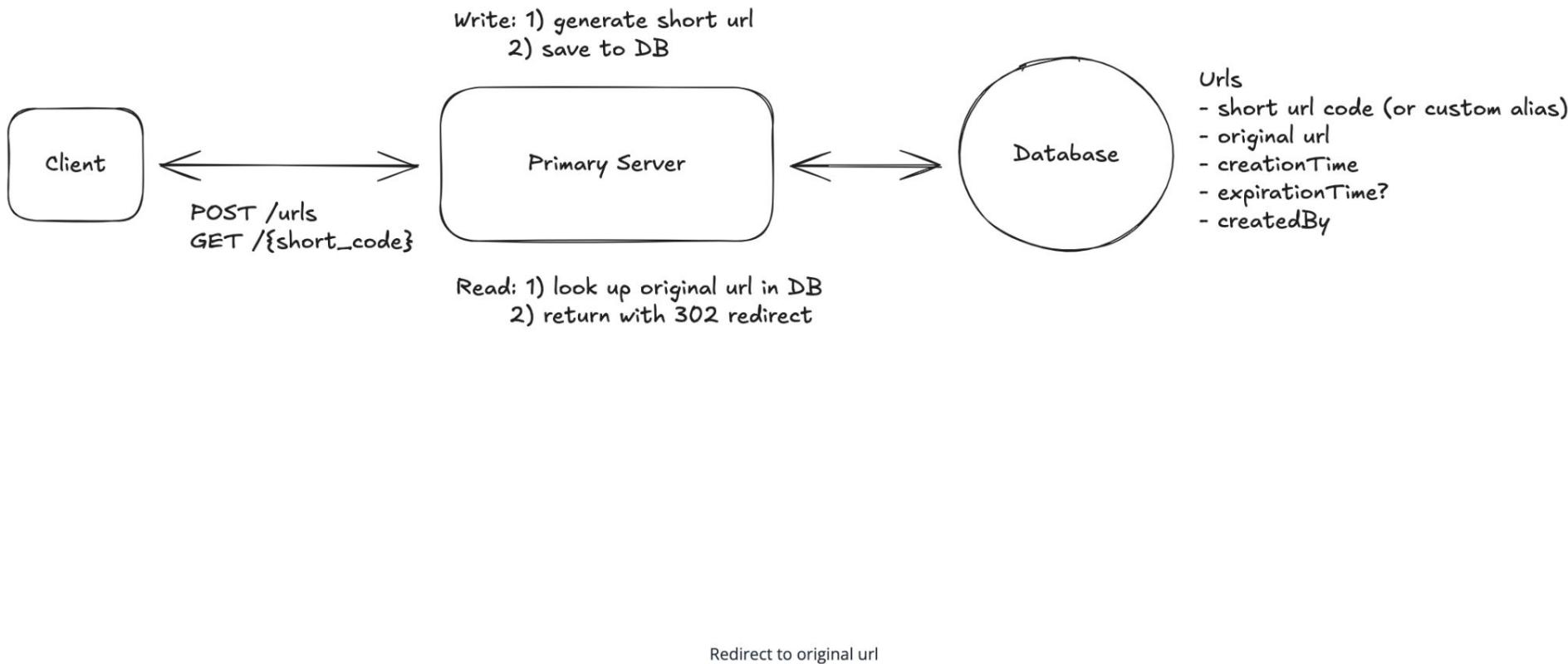


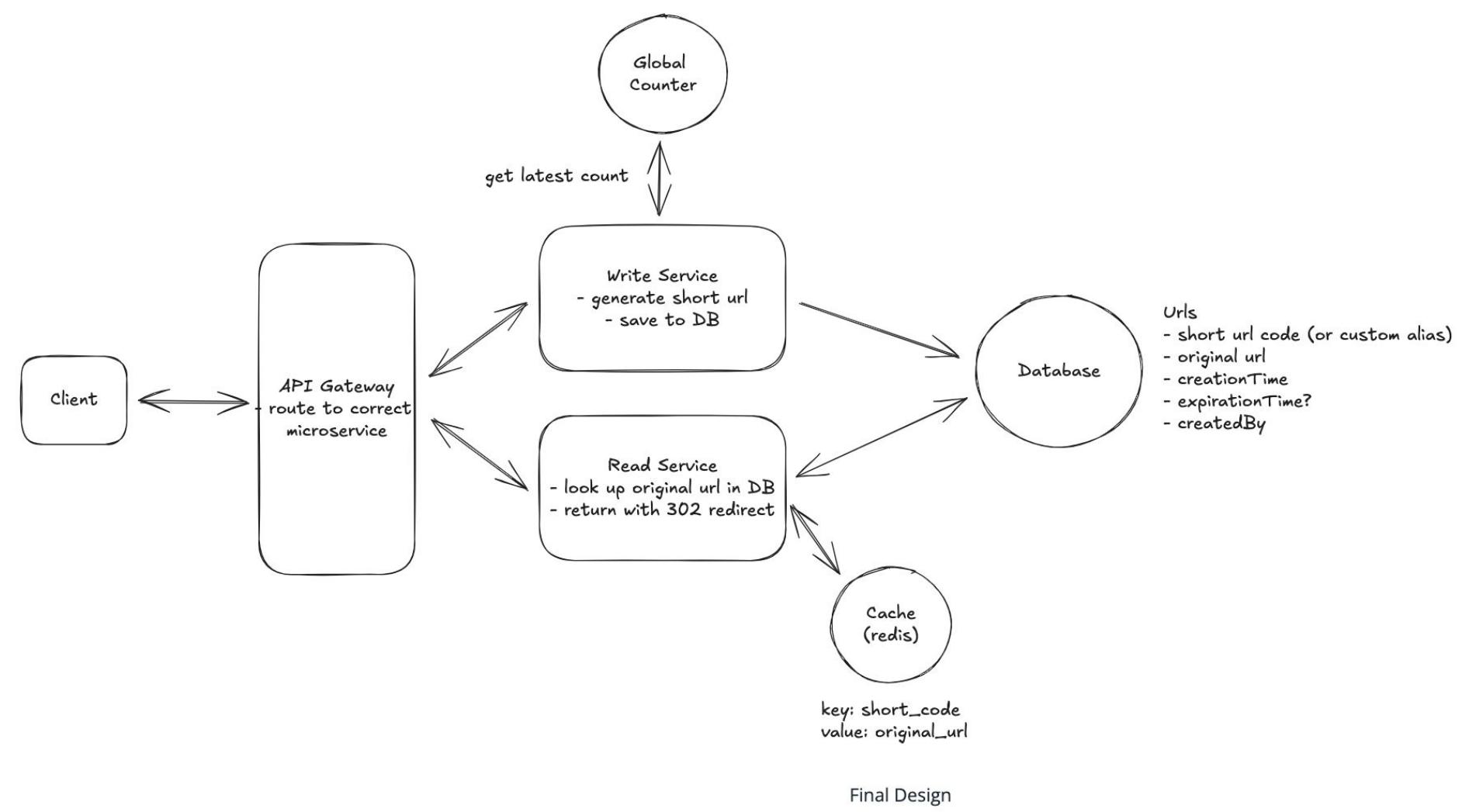


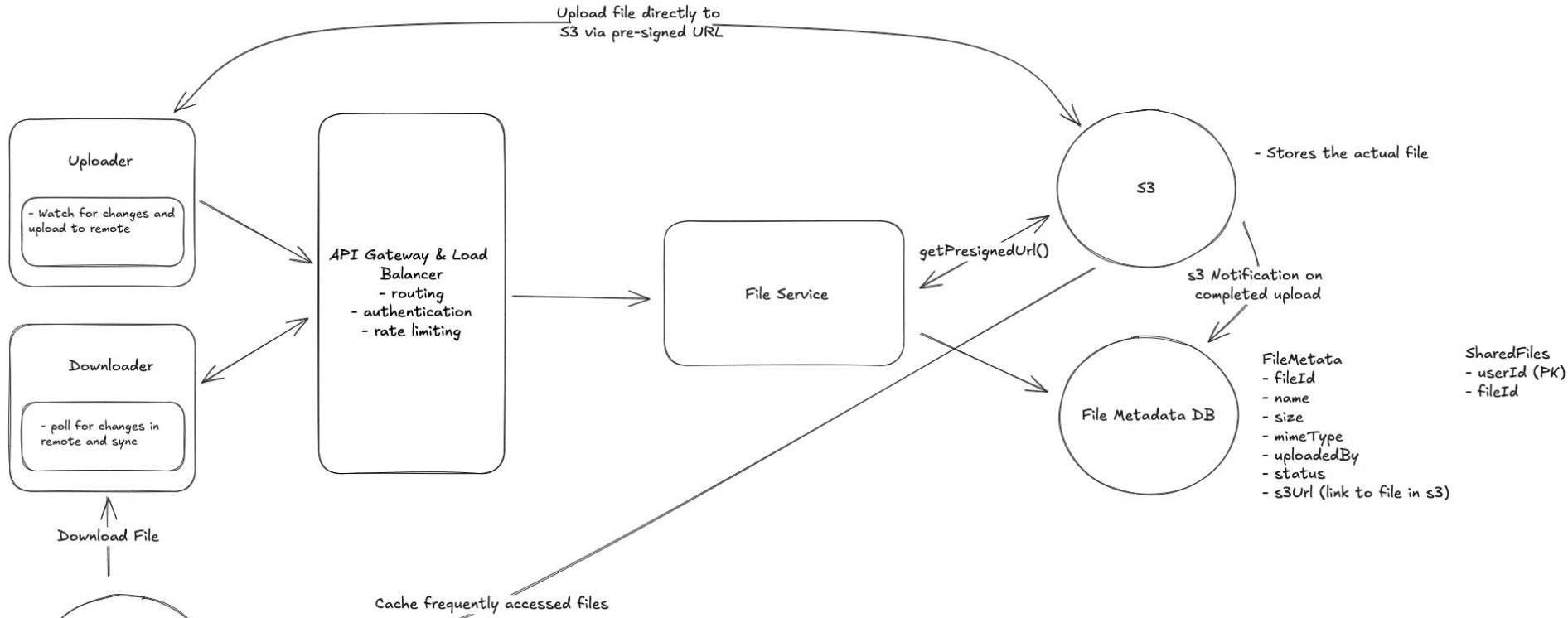


Initial Solution

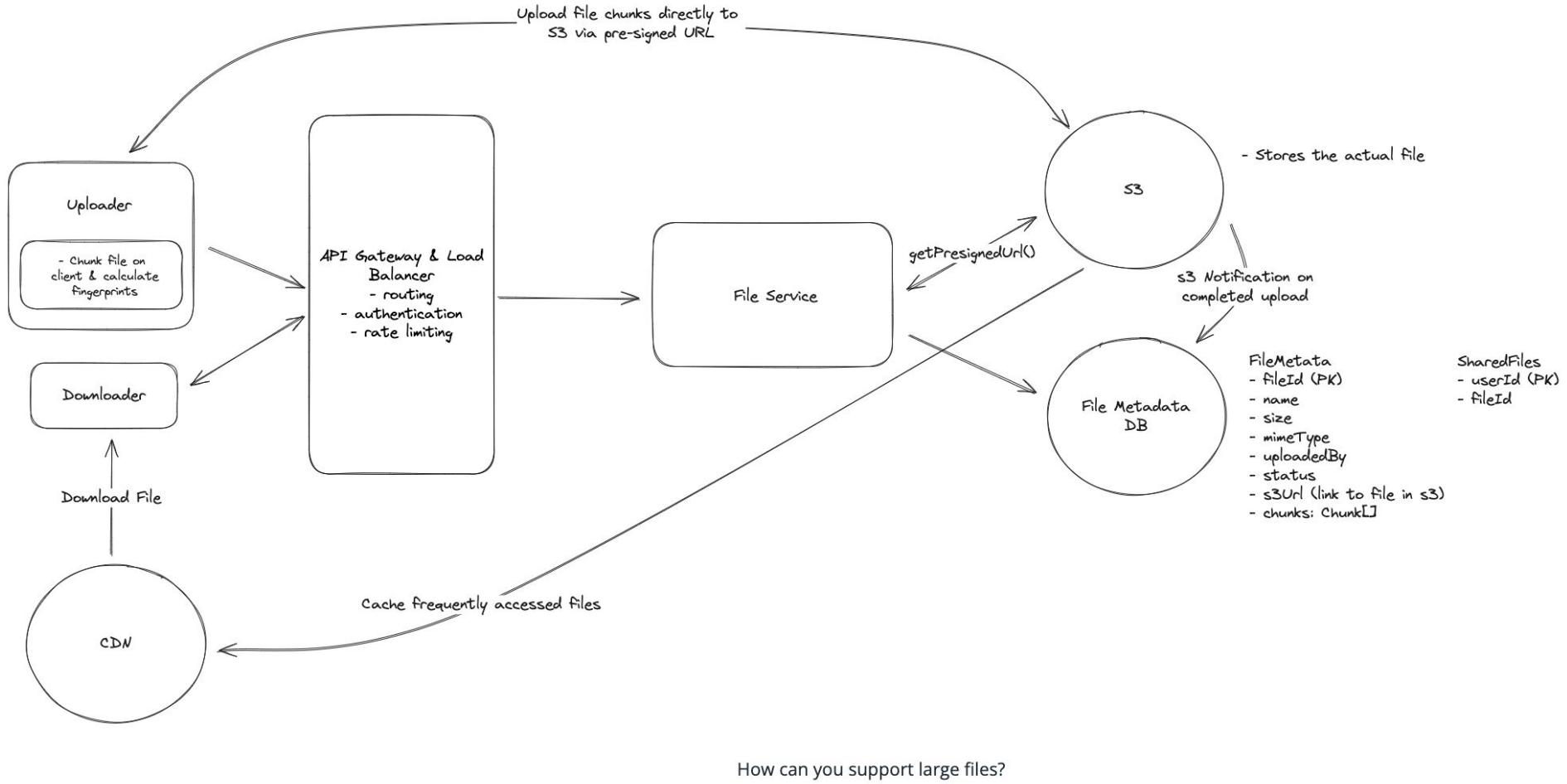


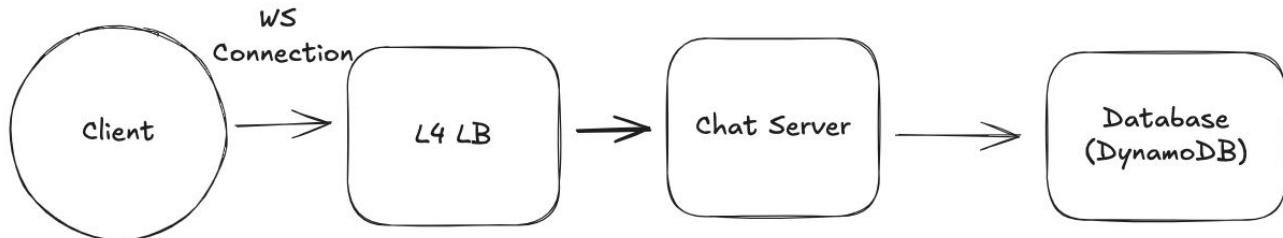






Final





Chat

chat
id
name
metadata

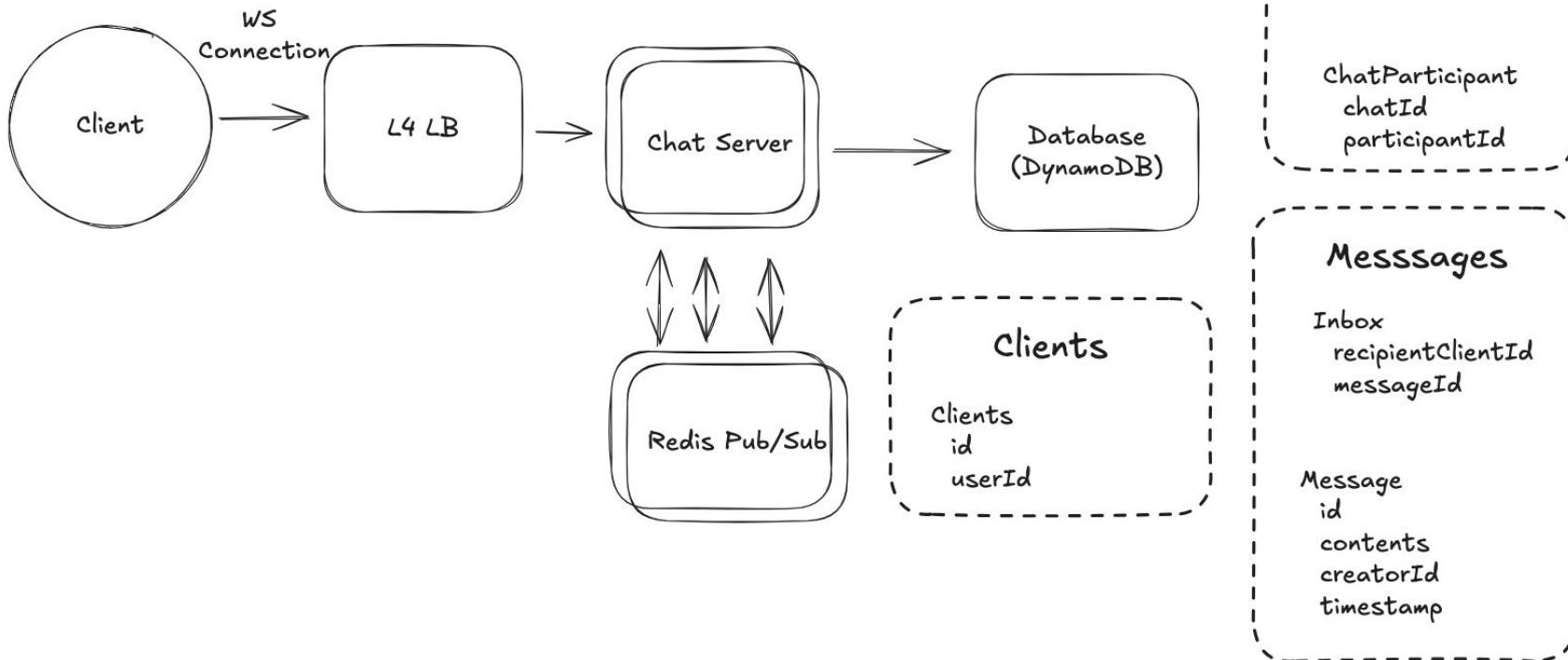
ChatParticipant
chatId
participantId

Messsages

Inbox
recipientId
messageId

Message
id
contents
creatorId
timestamp

Send a Message



Chat

Chat
id
name
metadata

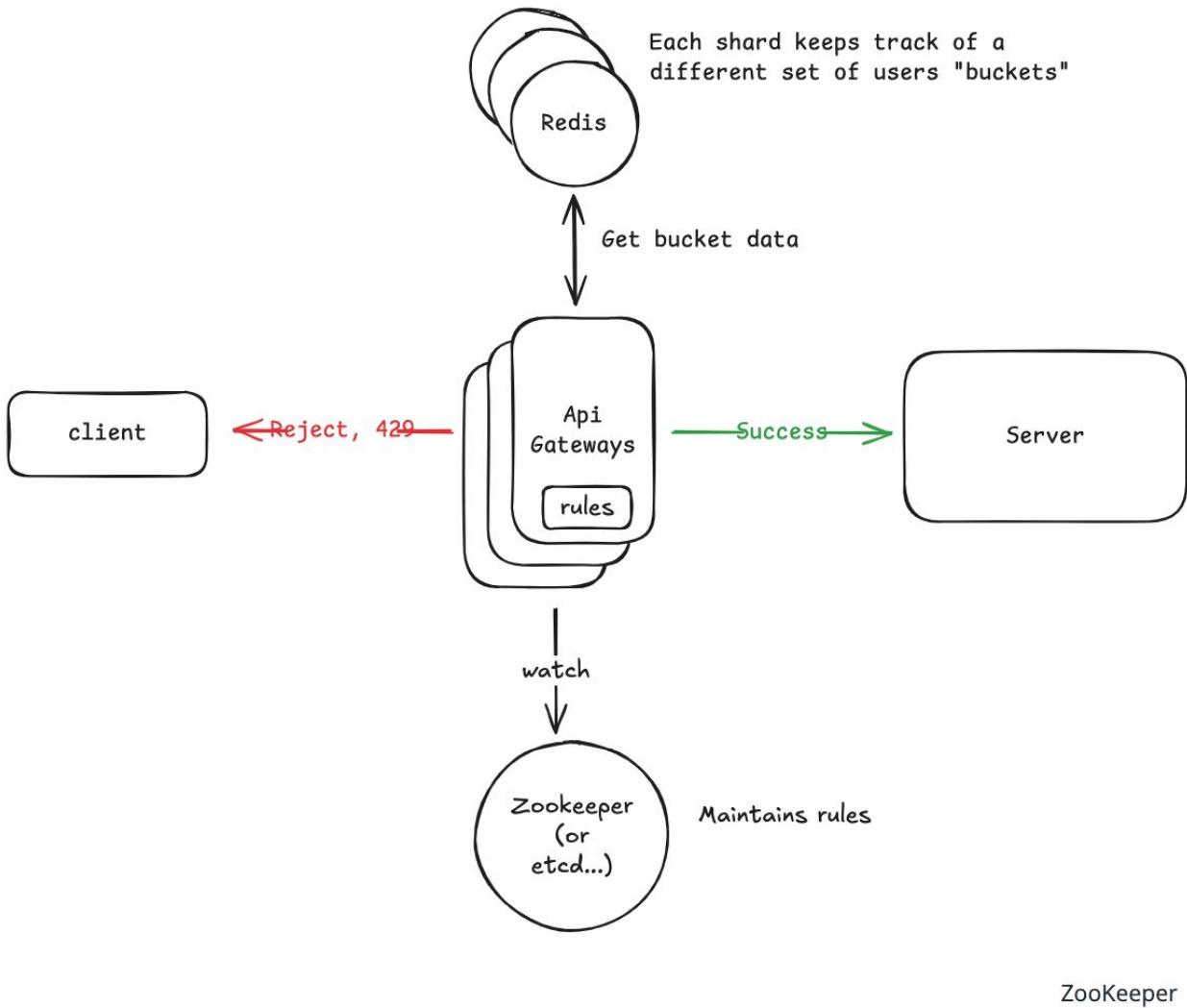
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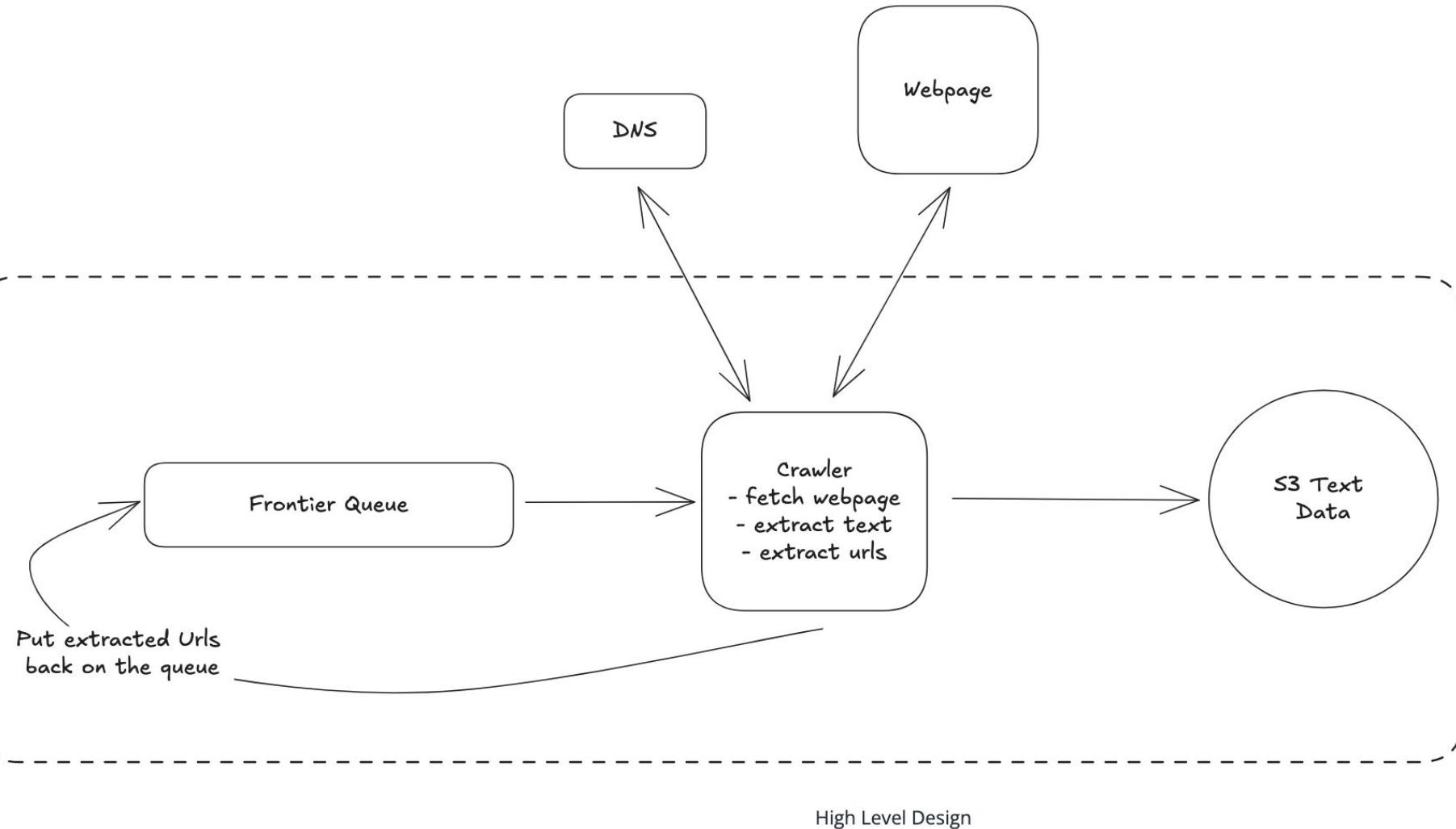
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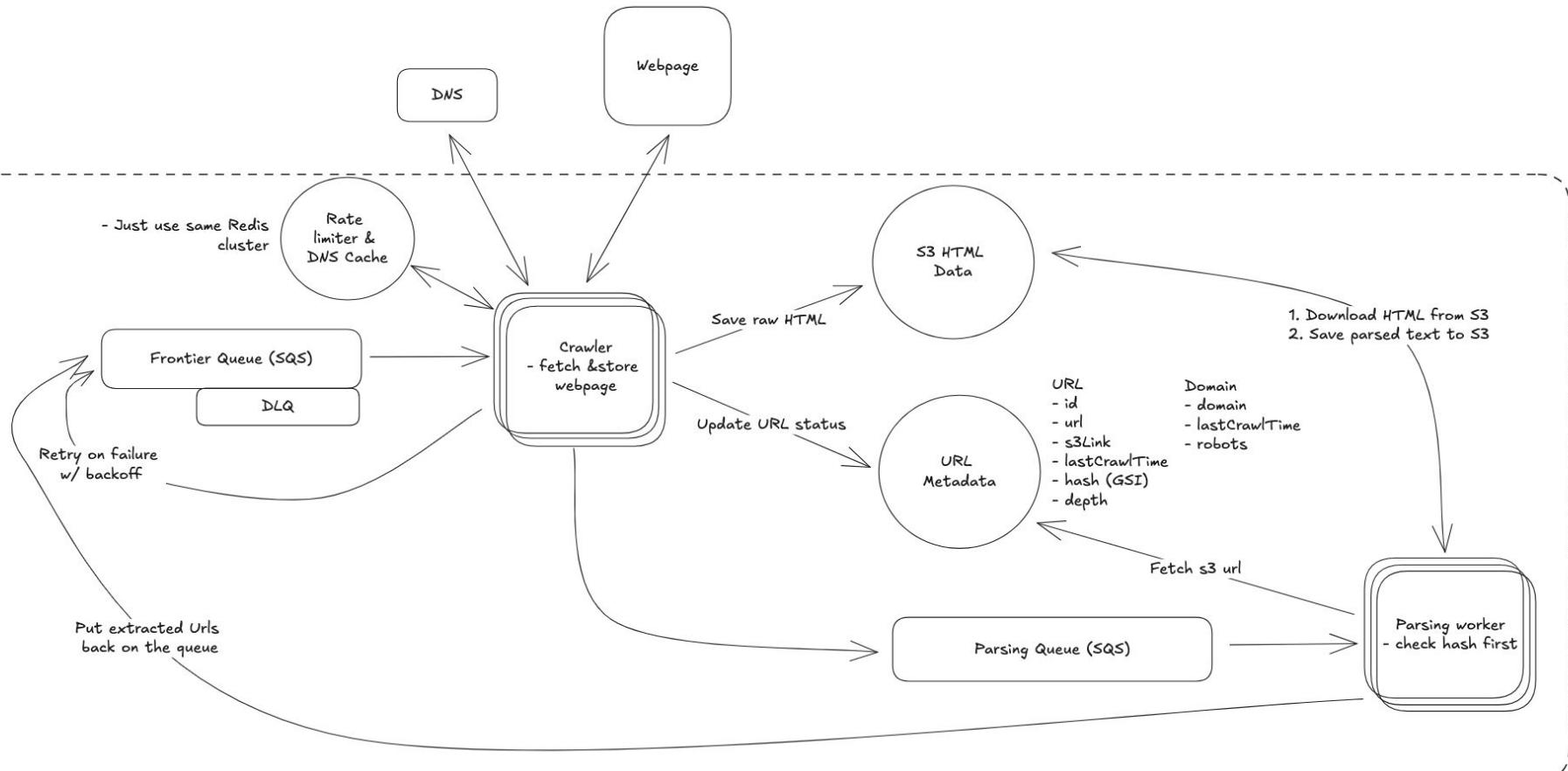
Inbox
recipientClientId
messageId

Message
id
contents
creatorId
timestamp

Adding clients







Scale and Efficiency