

# CAAS Platform - Complete Visual Guide

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## **Chat-As-A-Service: The Complete Picture for Everyone**

This document explains EVERY feature of the CAAS platform using visual diagrams that anyone can understand!

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## Table of Contents

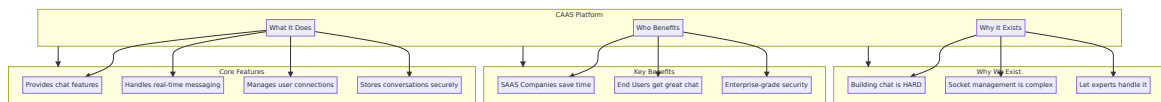
1. [What is CAAS?](#)
2. [The Big Picture](#)
3. [Who Uses CAAS?](#)
4. [How SAAS Companies Join CAAS](#)
5. [How End Users Connect](#)
6. [All Chat Features](#)
7. [Security and Protection](#)
8. [Behind the Scenes - Technical Infrastructure](#)
9. [Developer Tools](#)
10. [Billing and Pricing](#)
11. [Monitoring and Analytics](#)
12. [Complete Data Flow](#)

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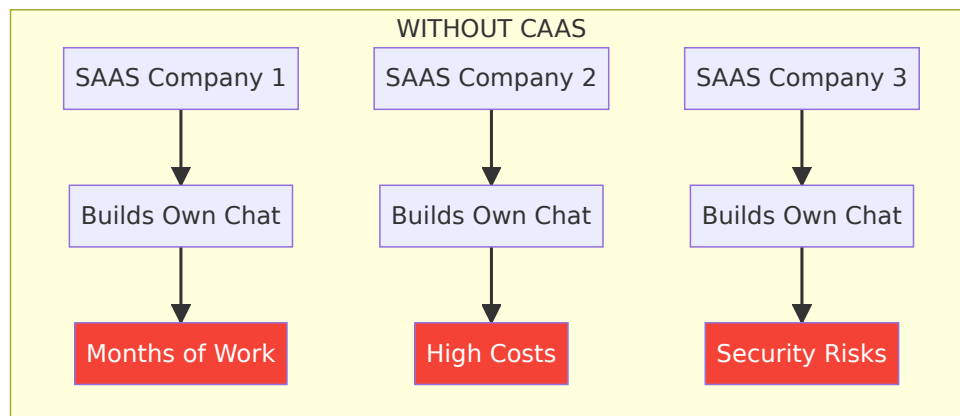
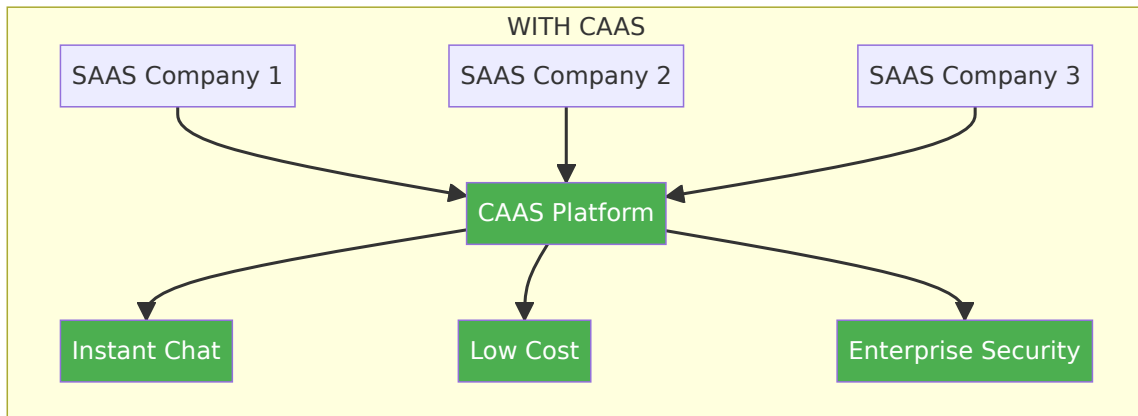
# 1. What is CAAS?

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## The Simple Explanation



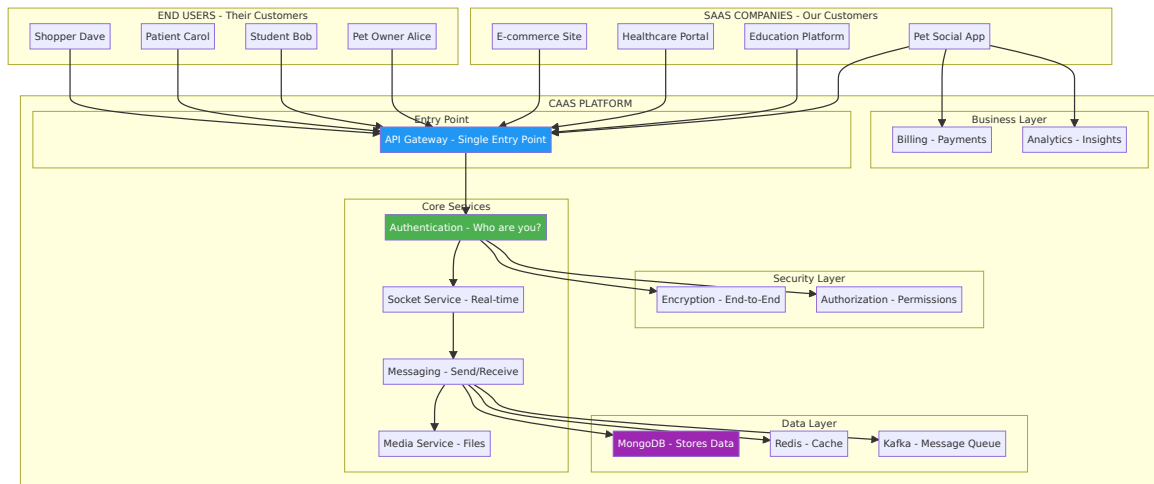
# The Problem We Solve



## 2. The Big Picture

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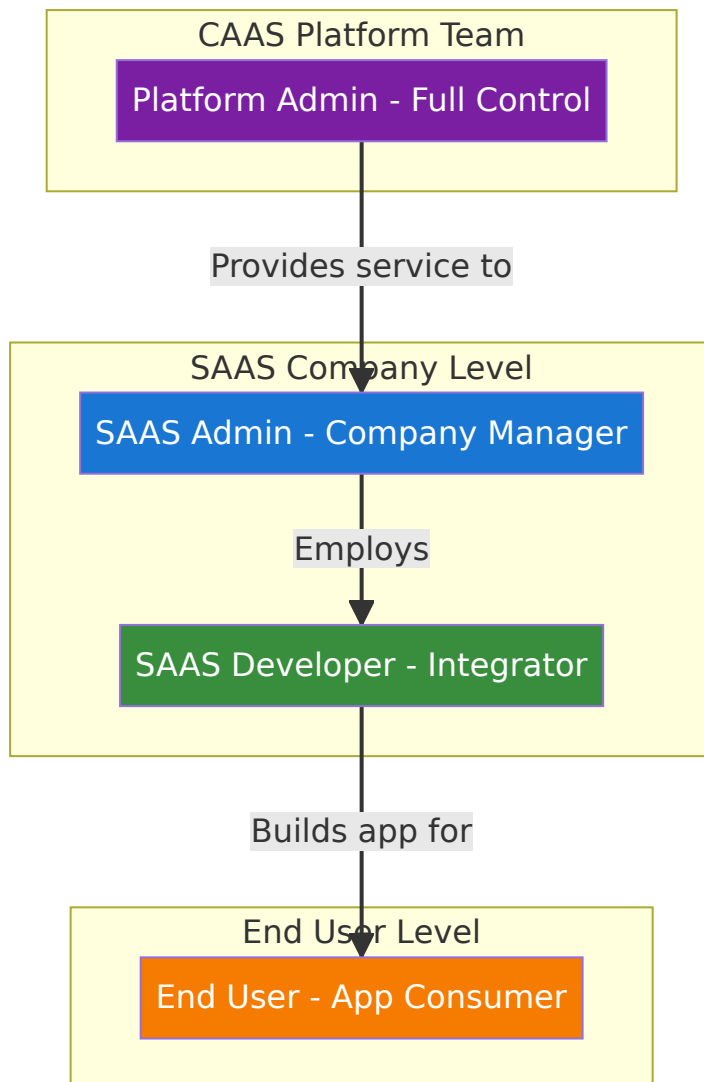
### Complete Platform Overview



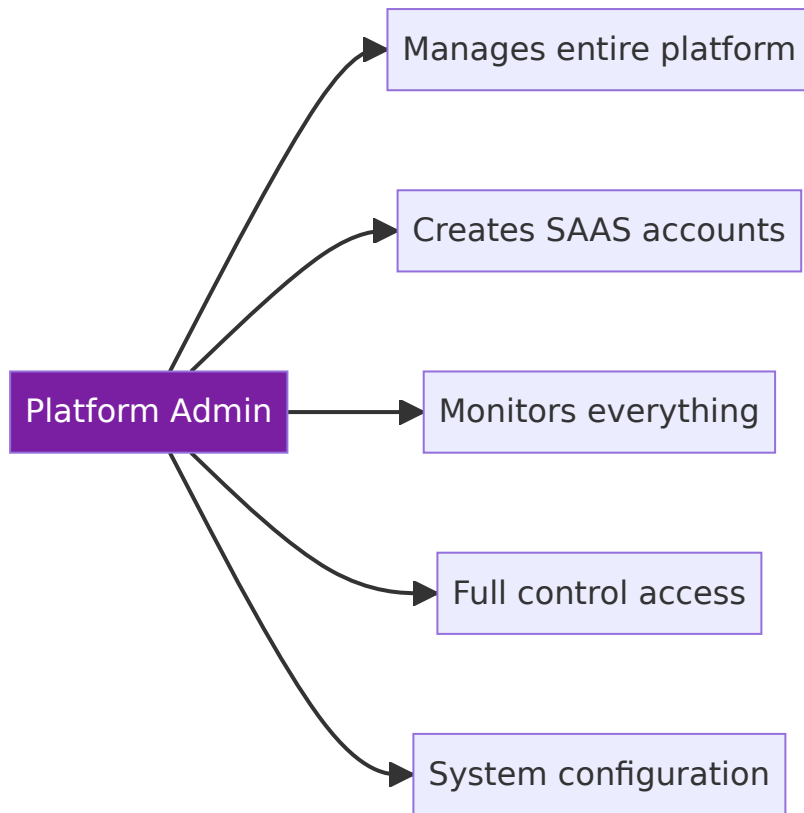
# 3. Who Uses CAAS?

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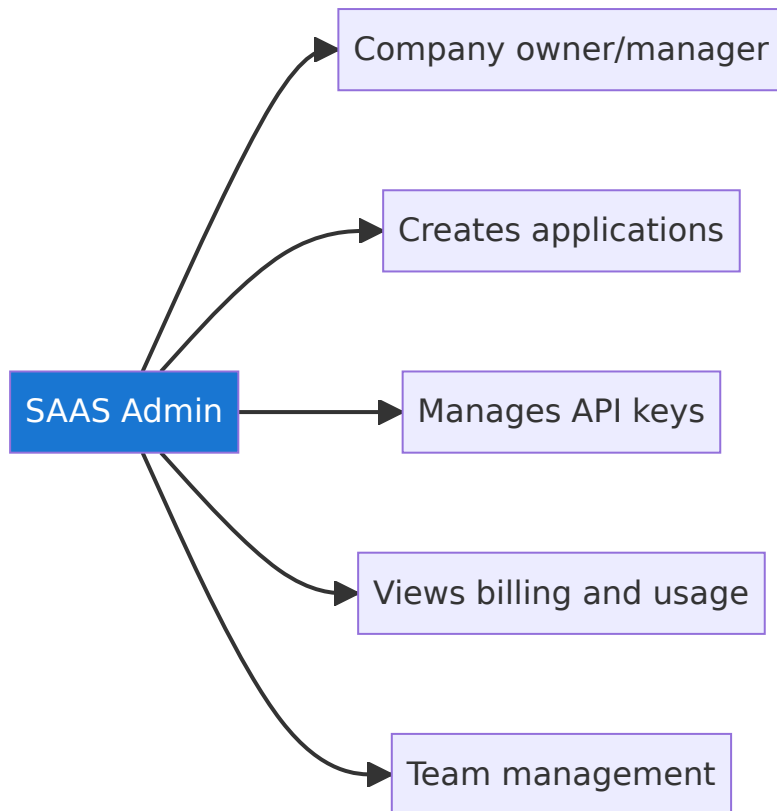
## User Types Explained



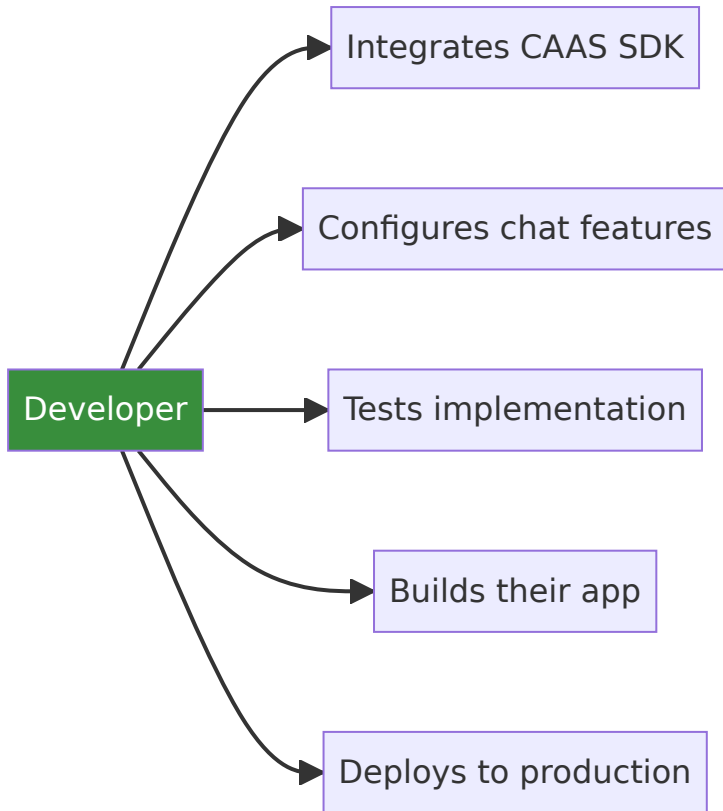
# Platform Admin Responsibilities



# SAAS Admin Responsibilities

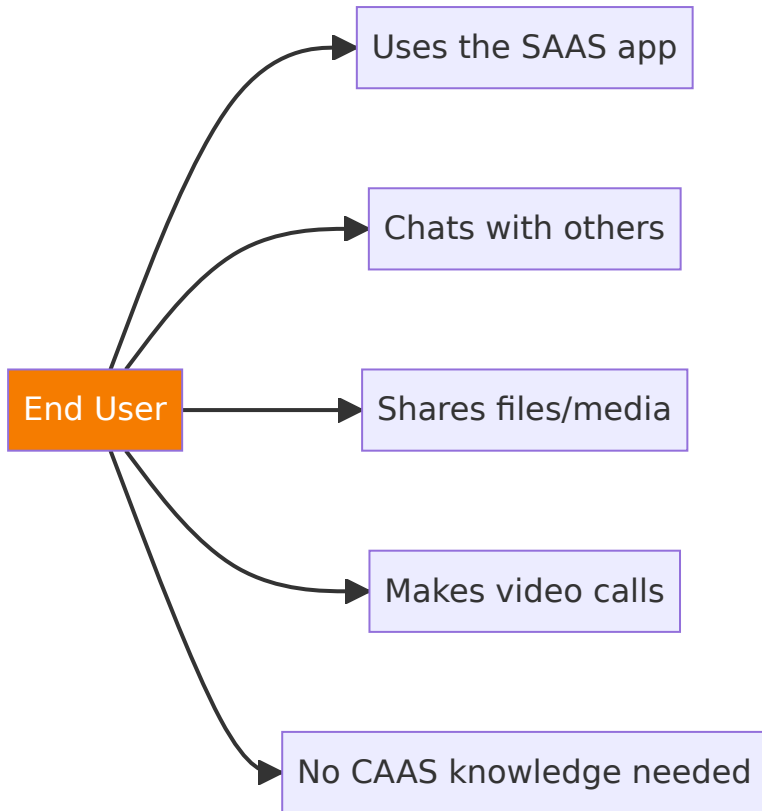


# Developer Responsibilities





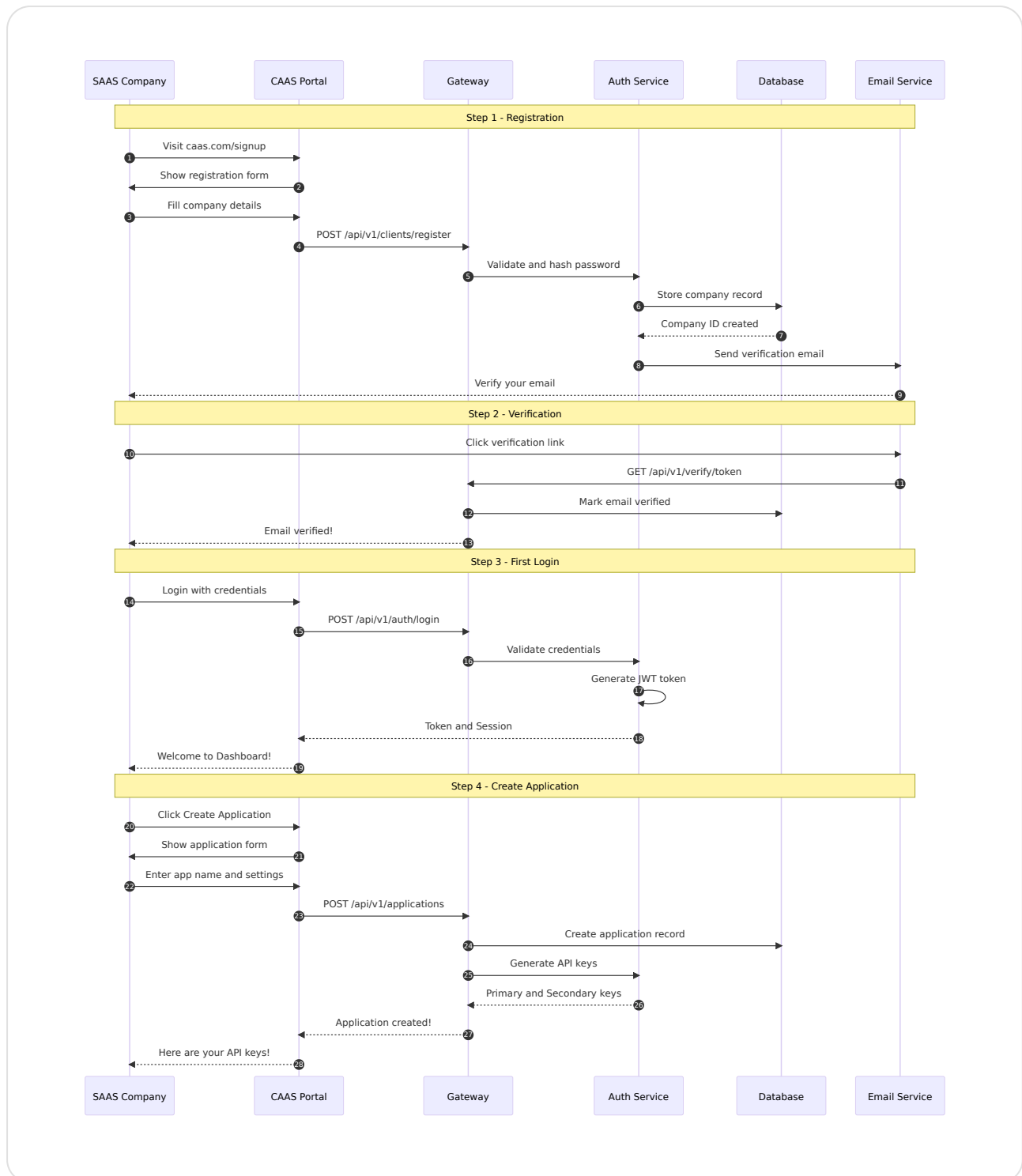
# End User Experience



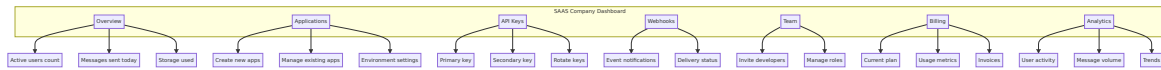
## **4. How SAAS Companies Join**

# CAAS

## Complete Onboarding Flow

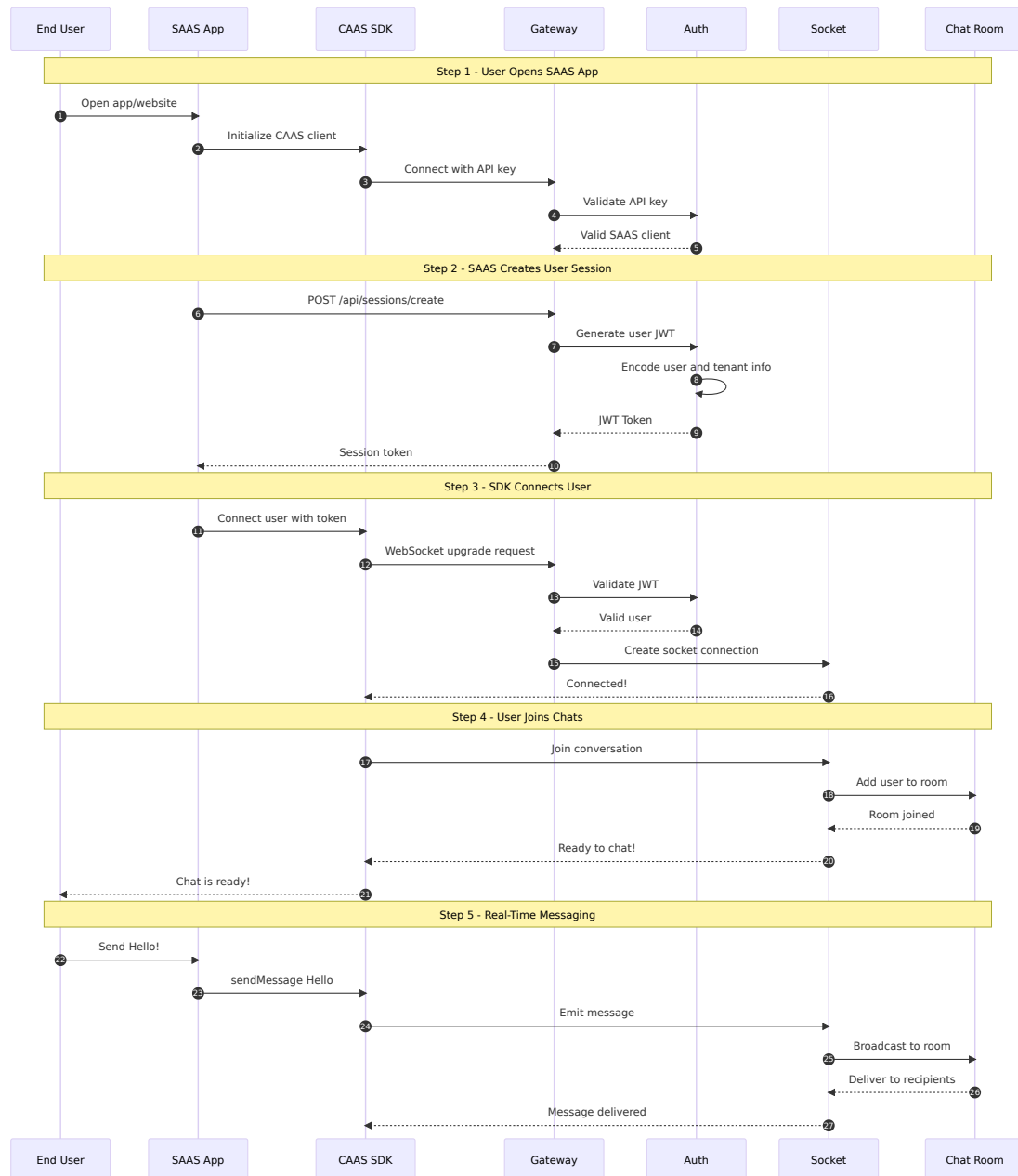


# What SAAS Companies Get - Dashboard

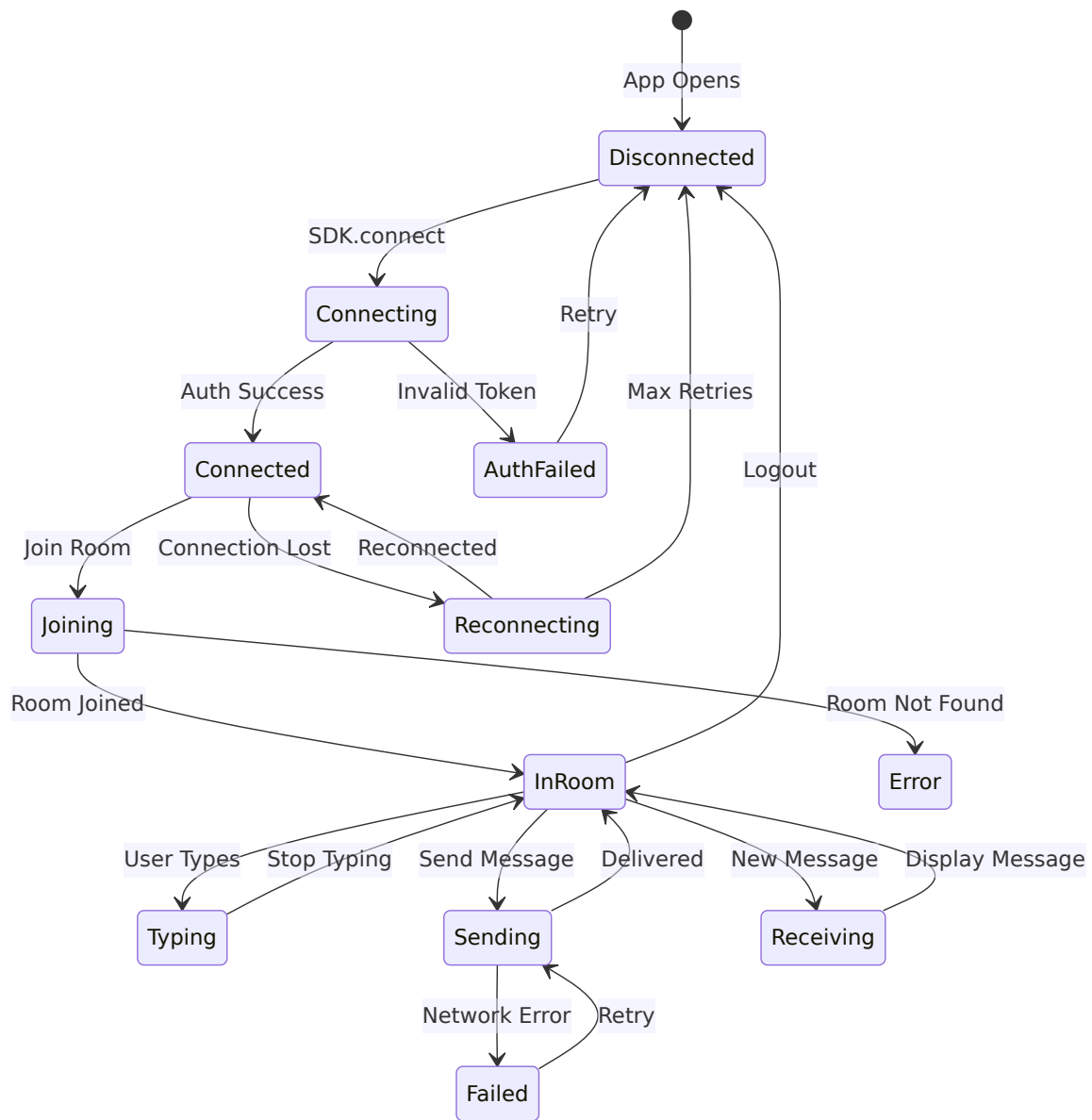


# 5. How End Users Connect

## The Connection Flow



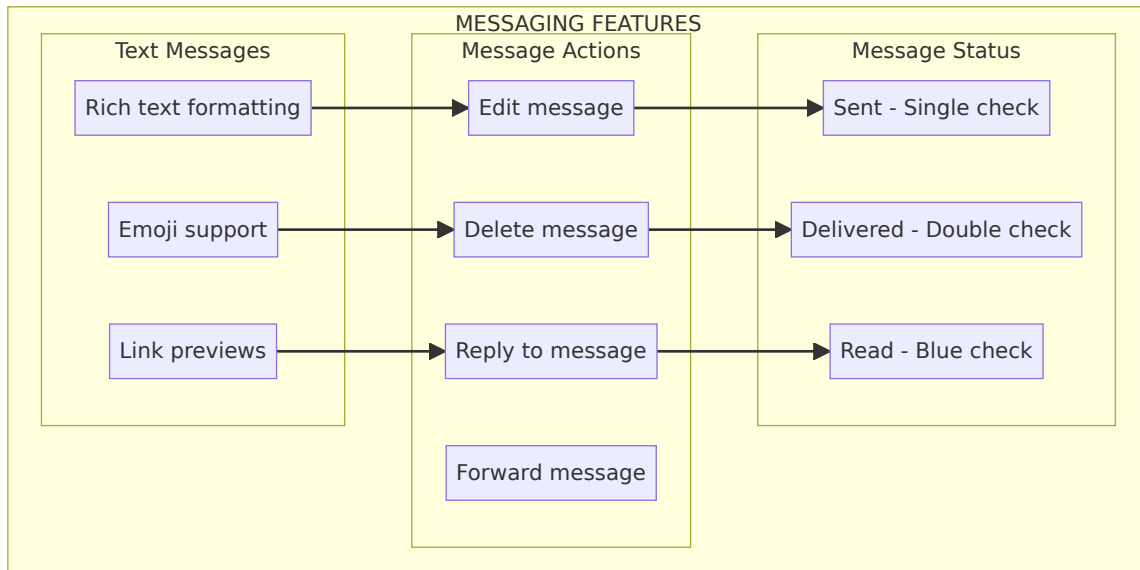
# Connection States



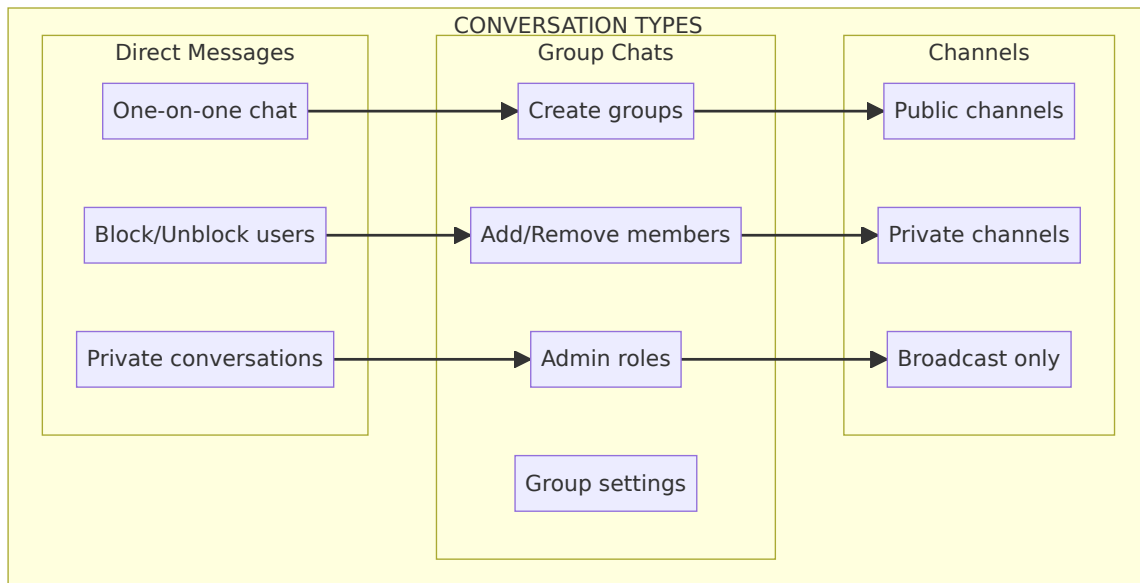
# 6. All Chat Features

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## Complete Feature Map - Messaging

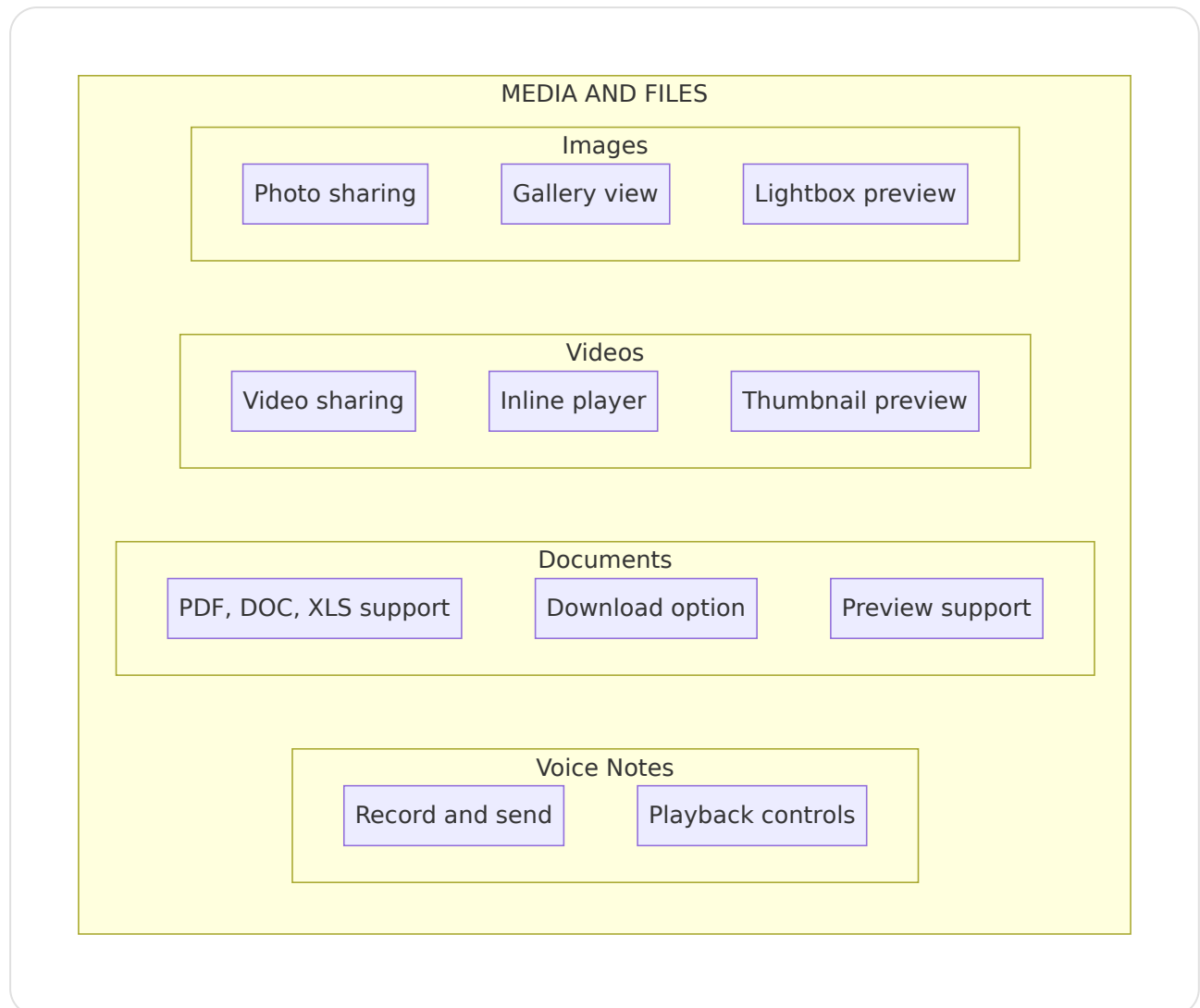


# Complete Feature Map - Conversations

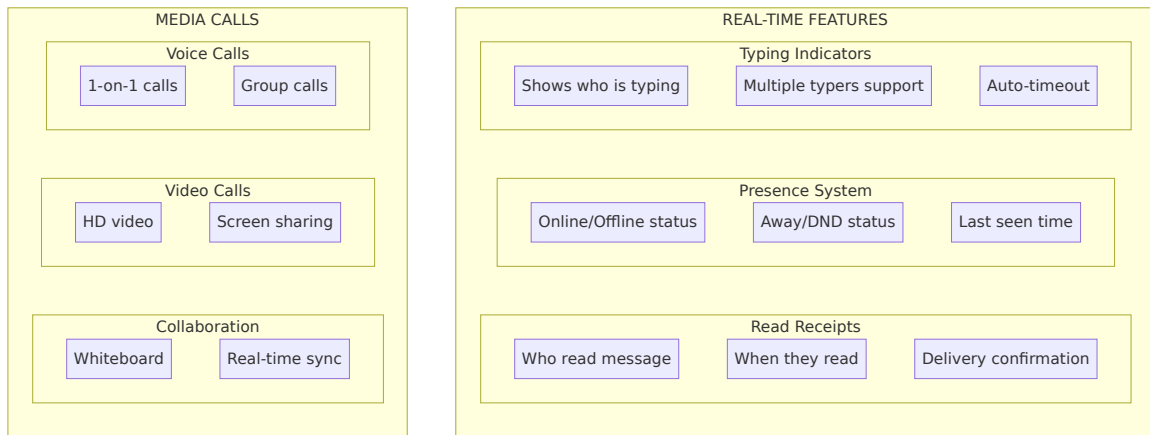




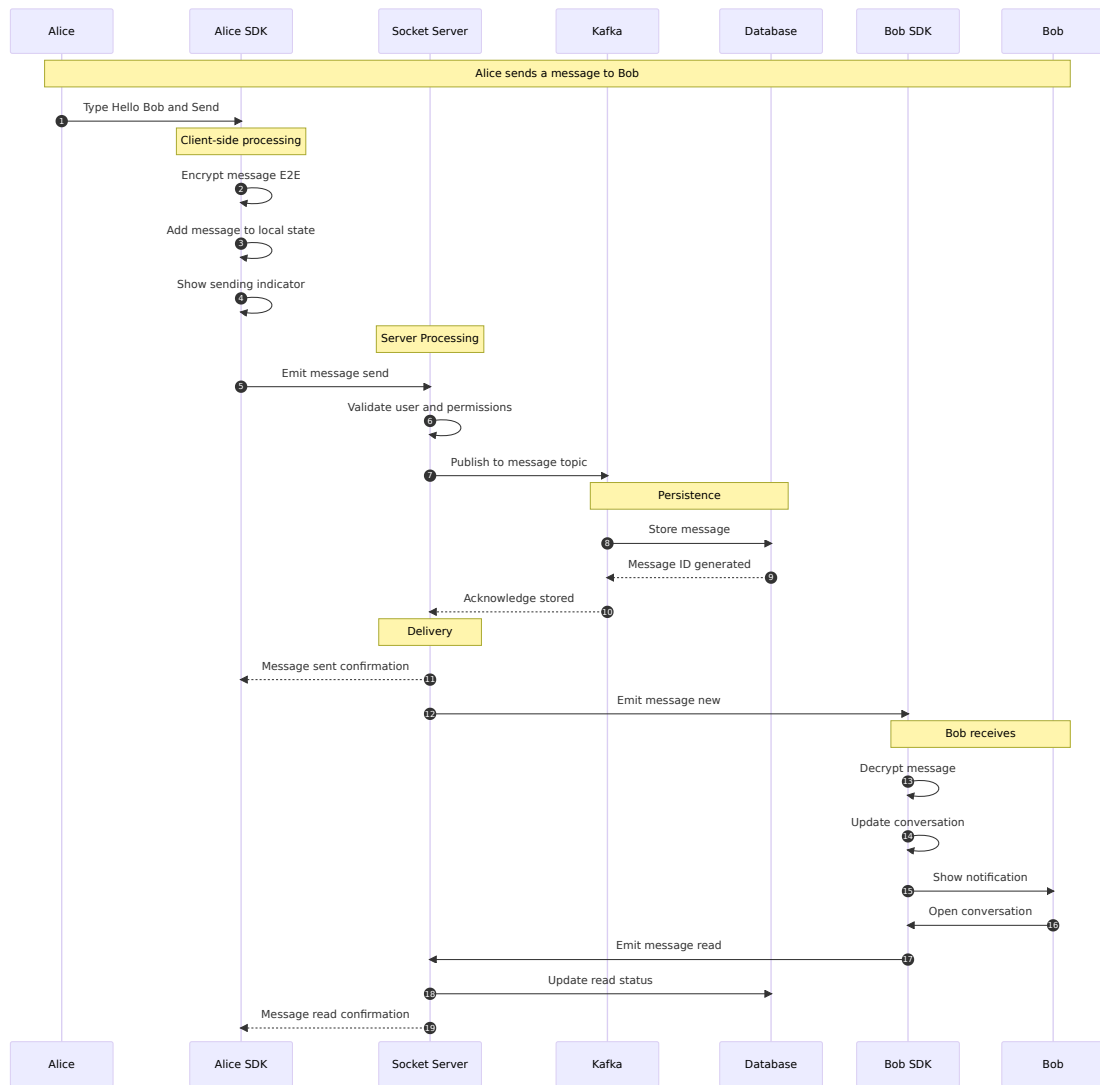
# Complete Feature Map - Media



# Complete Feature Map - Real-Time



# How Messages Flow



# Typing Indicators Flow

## Typing Indicators

Typing Indicators are used to identify the flow of data in a system. They are used to track the flow of data from the source to the destination.

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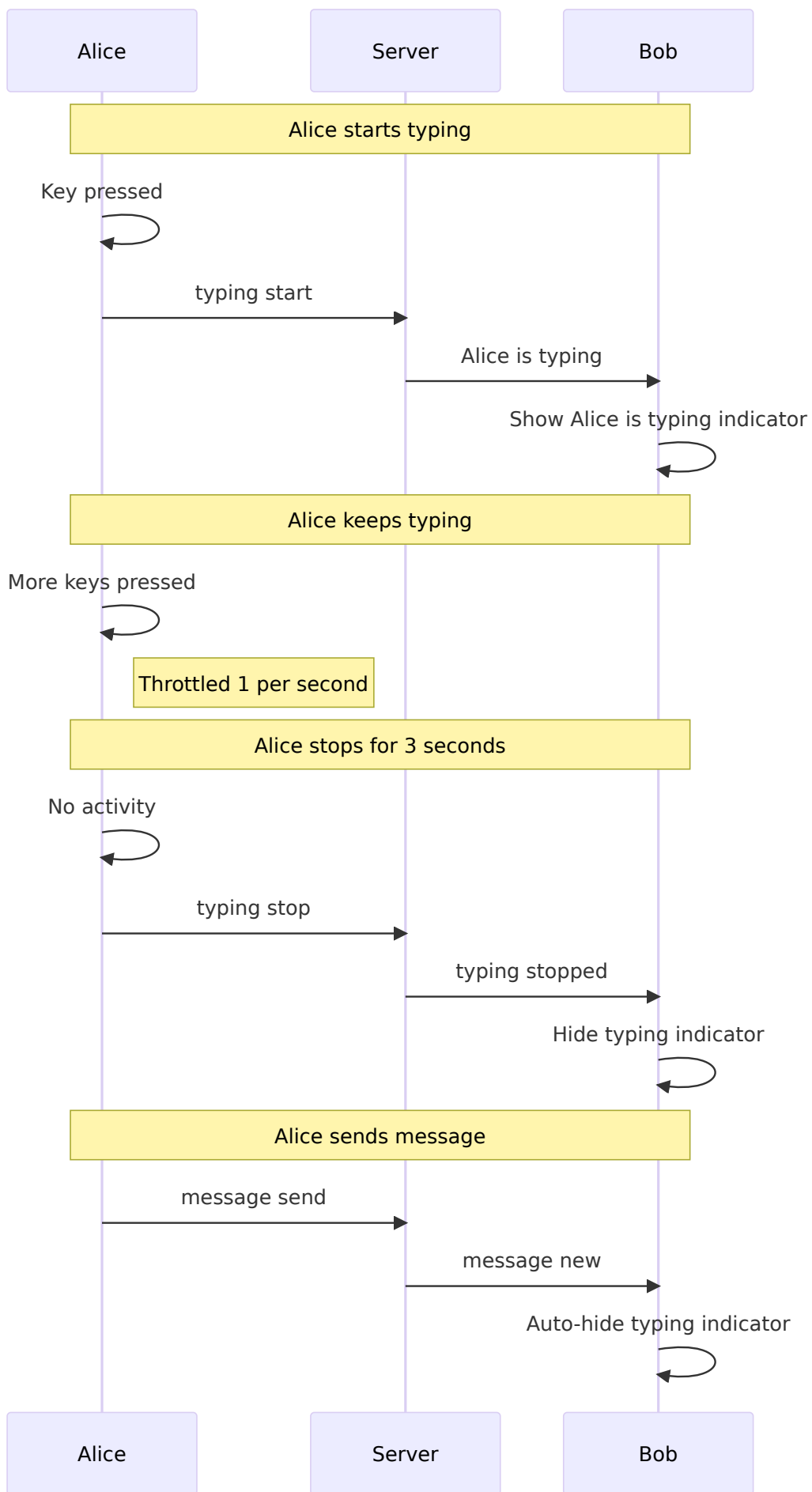
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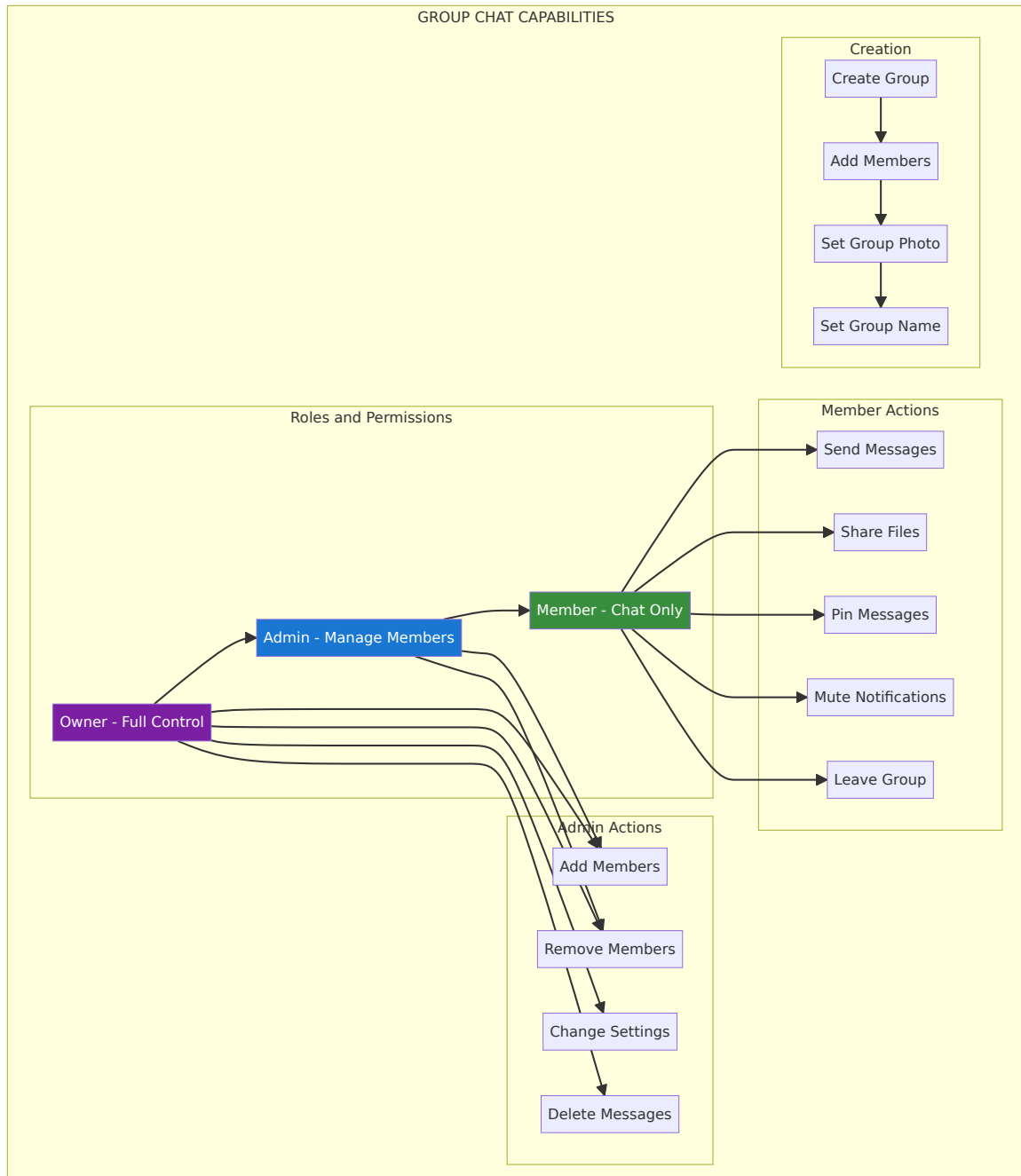
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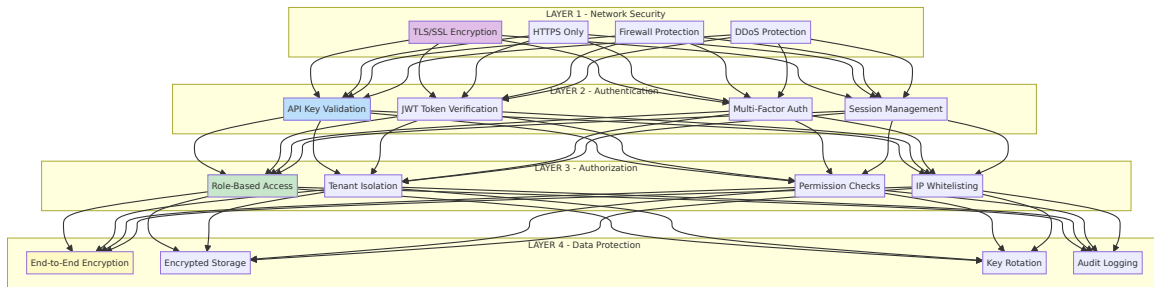
# Group Chat Features



# 7. Security and Protection

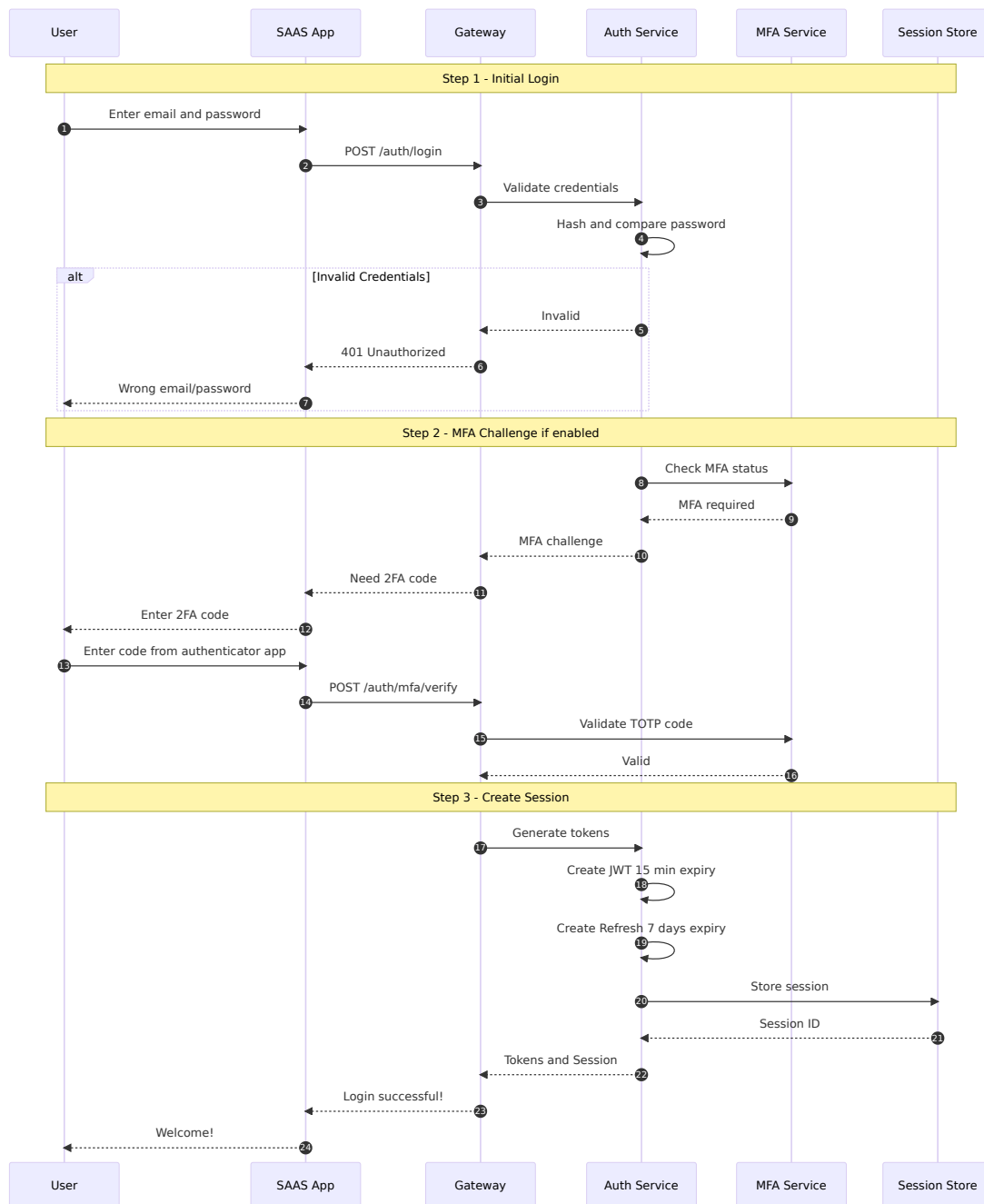
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## Security Layers

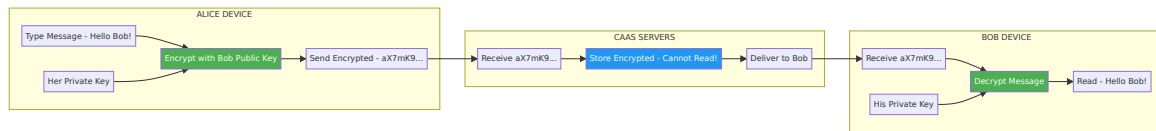




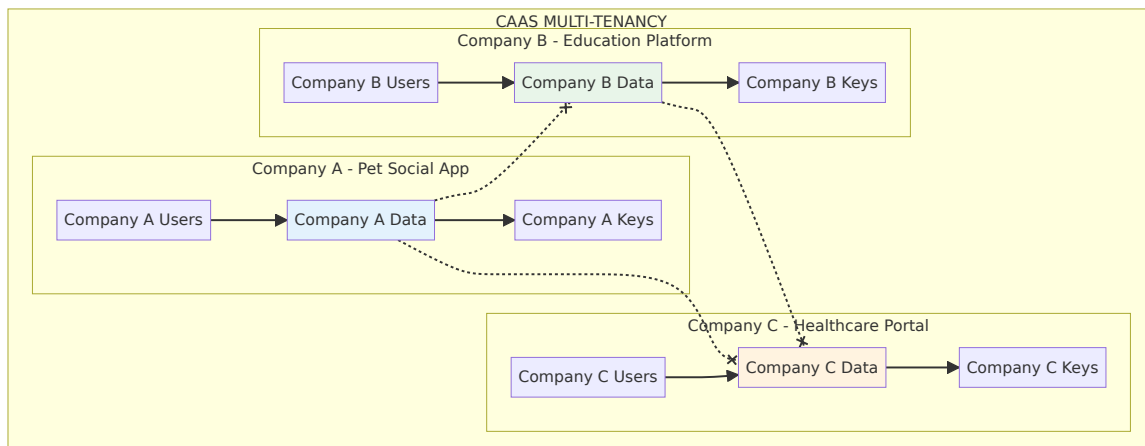
# Authentication Flow



# End-to-End Encryption Explained

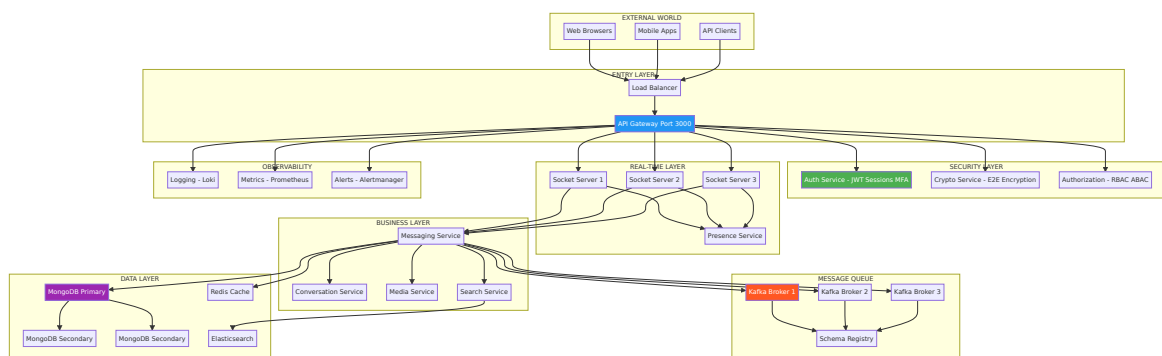


## Multi-Tenant Isolation

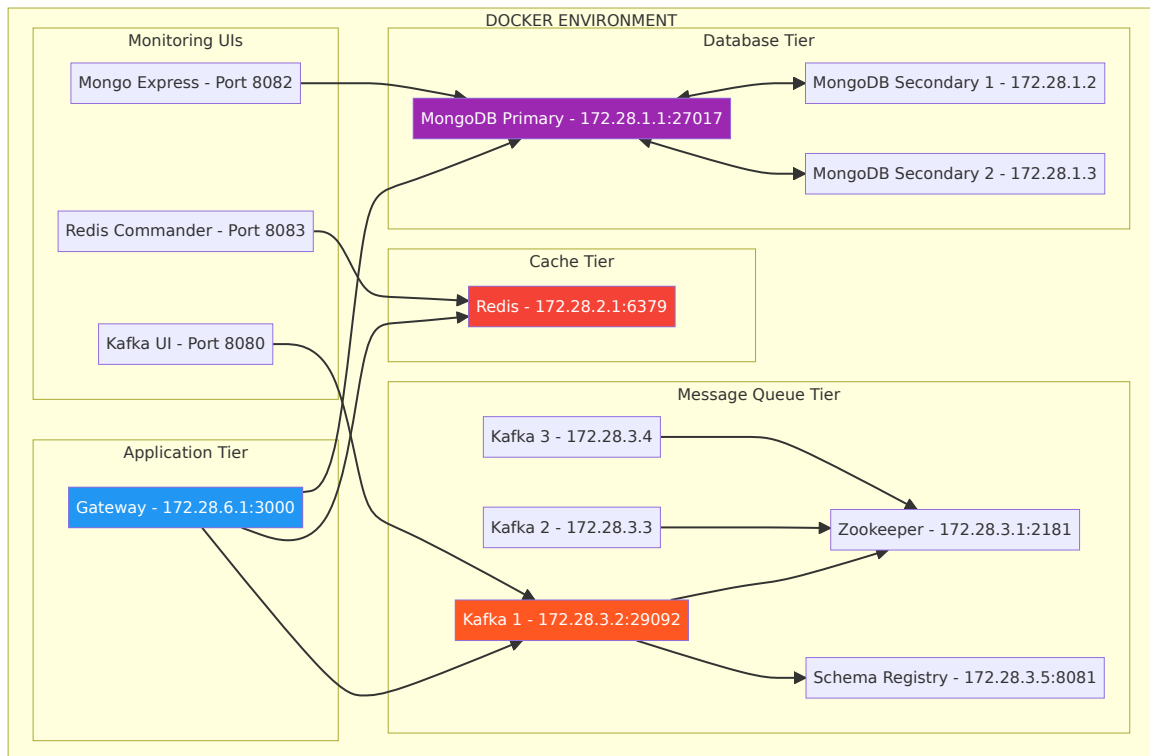


# 8. Behind the Scenes - Technical Infrastructure

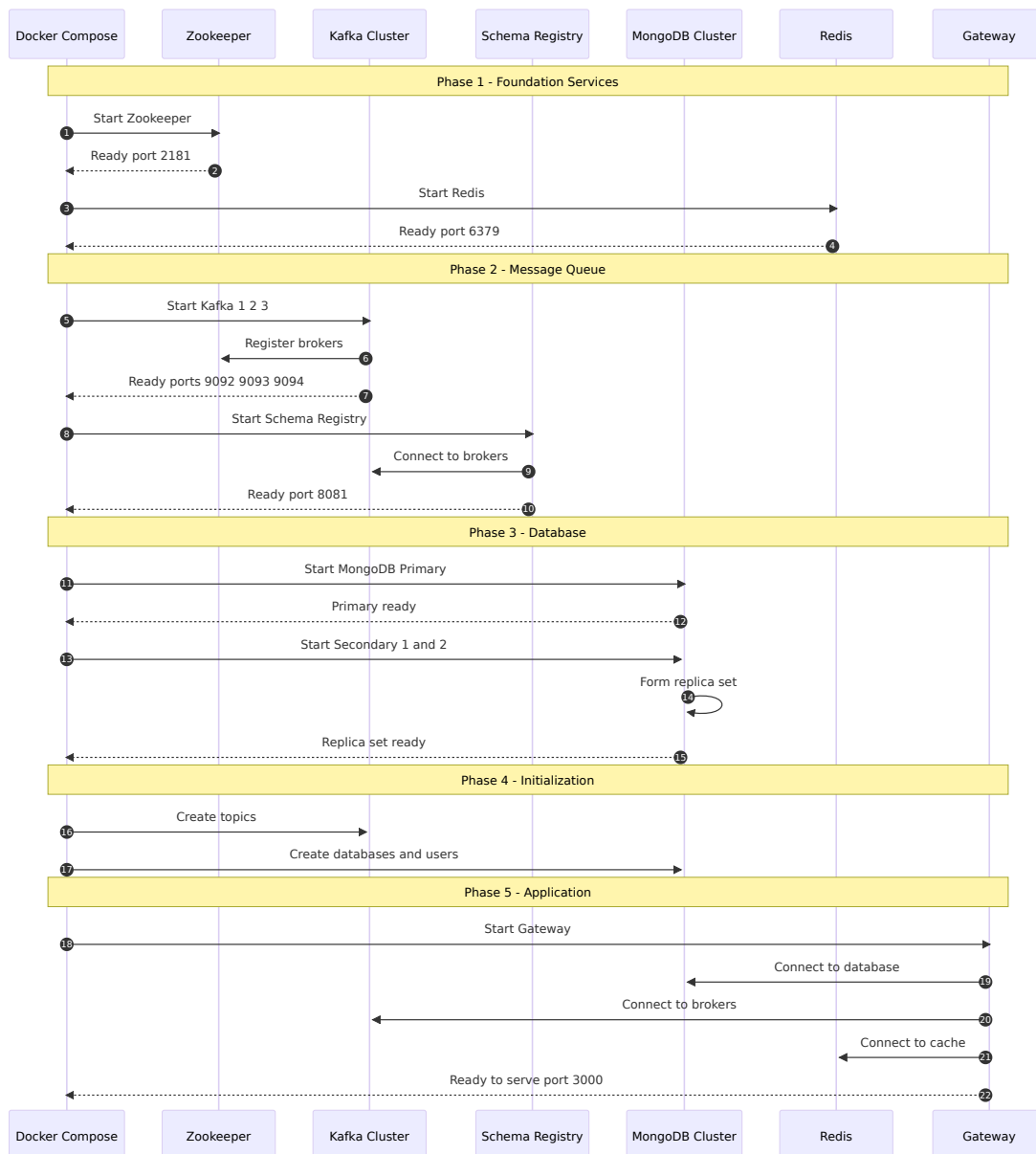
## Complete System Architecture



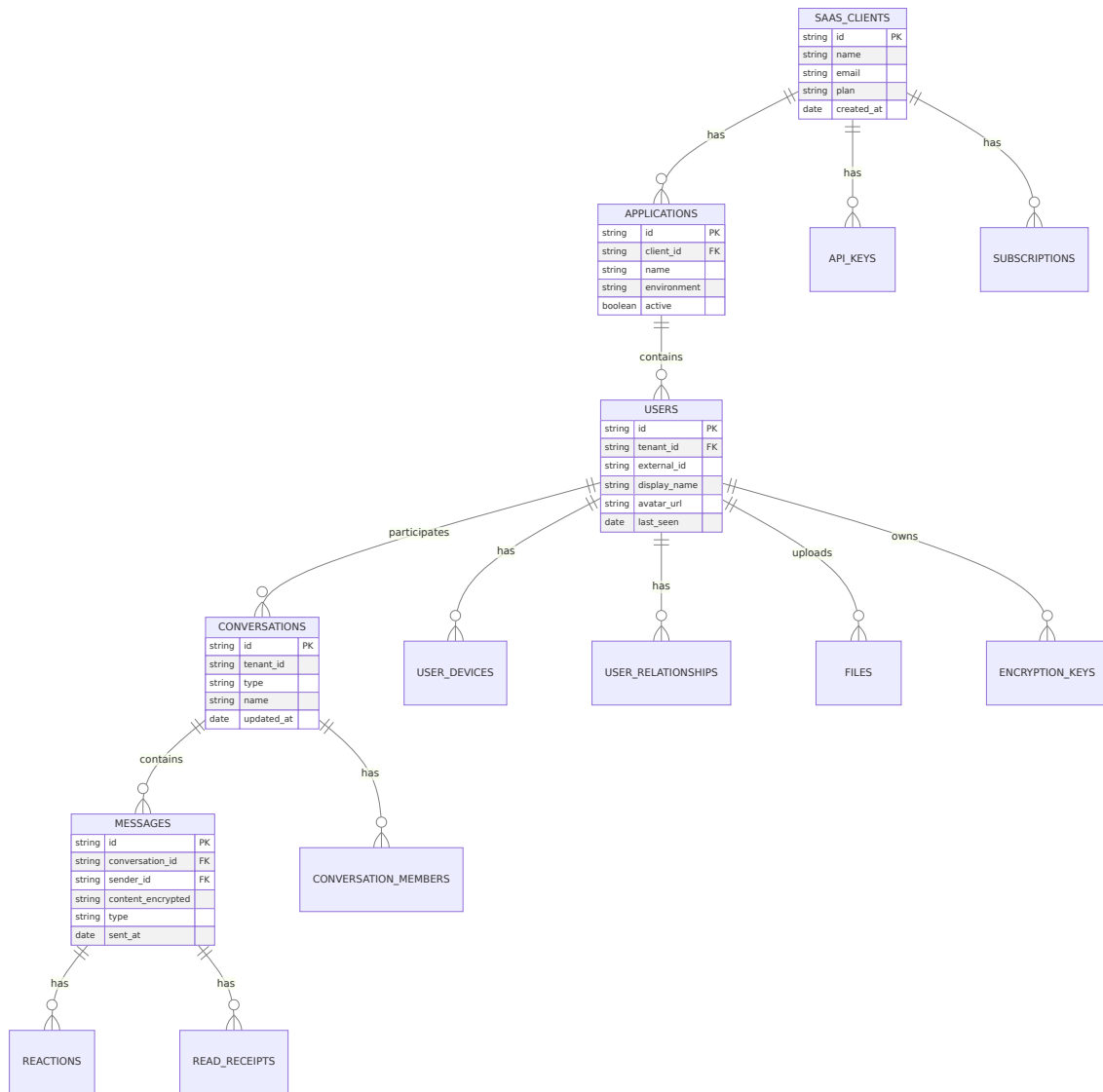
# Docker Container Map



# Service Startup Order



# How Data is Stored



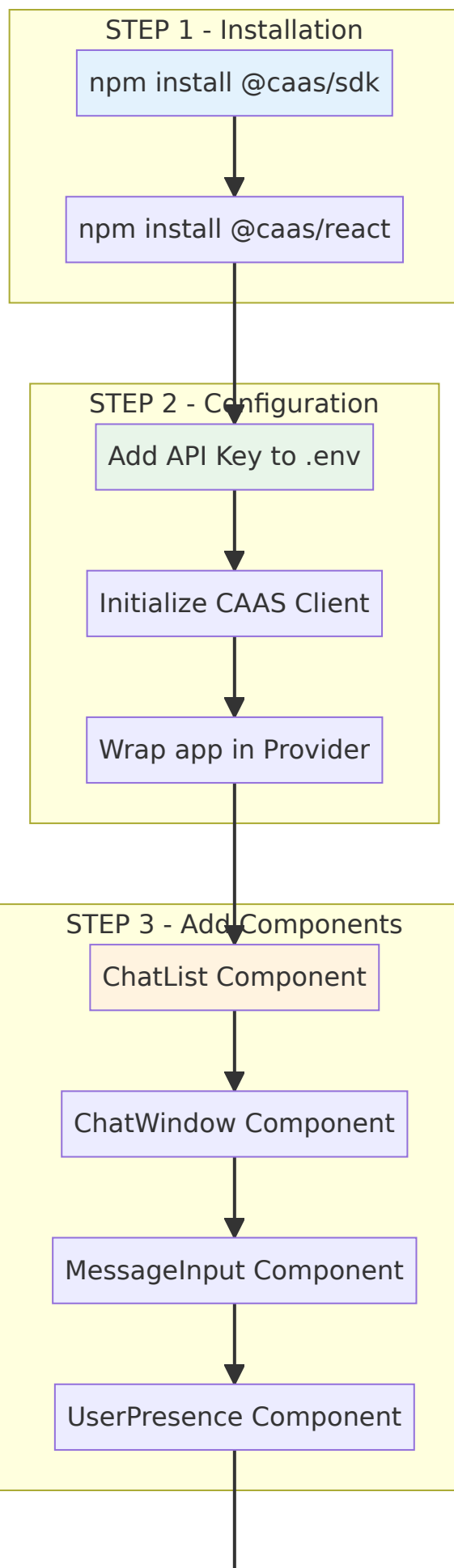
# 9. Developer Tools

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## SDK Integration Flow







STEP 4 - Custom Logic

Listen to events

Send messages

Manage conversations

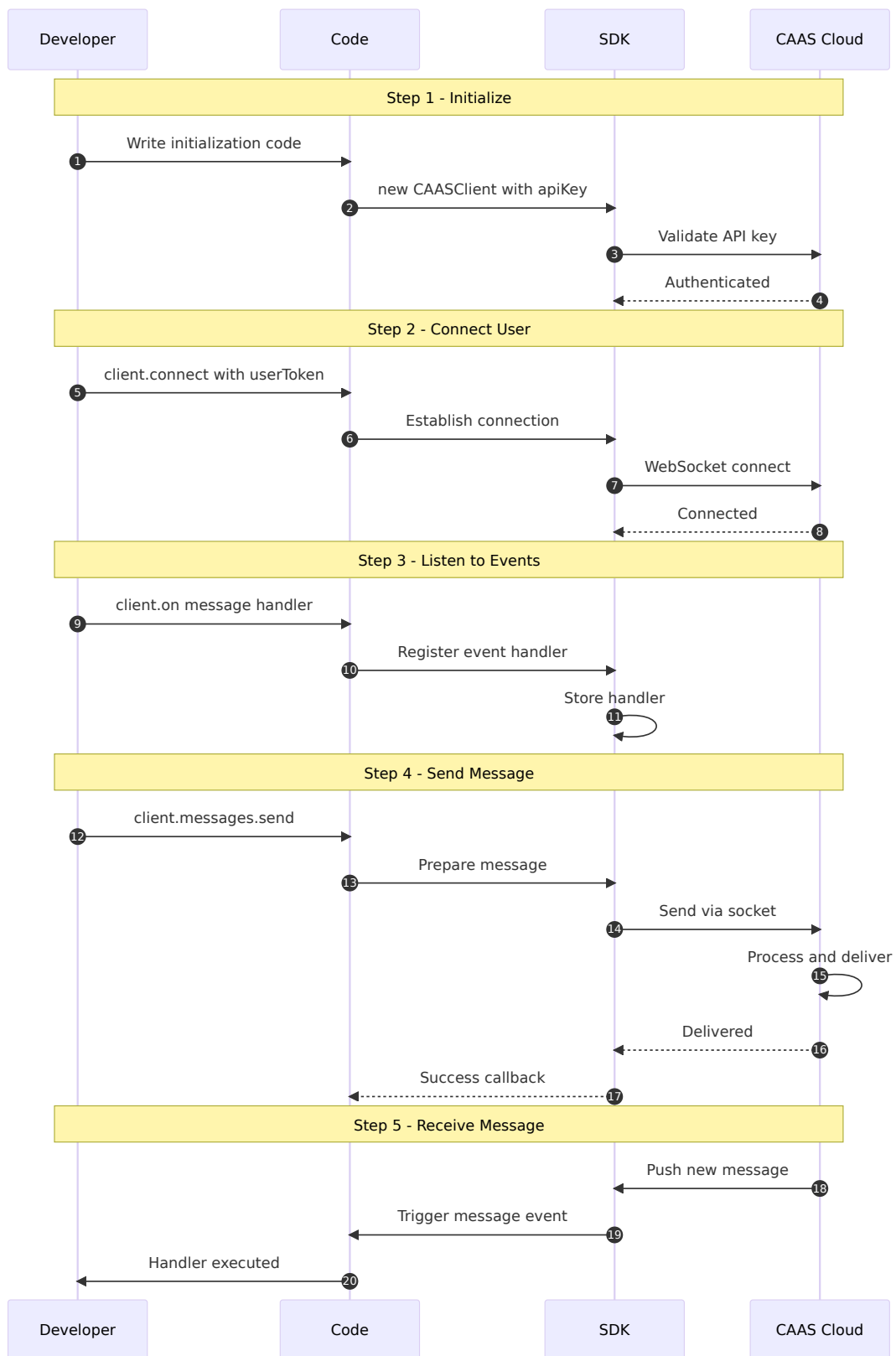
STEP 5 - Deploy

Test in development

Switch to production keys

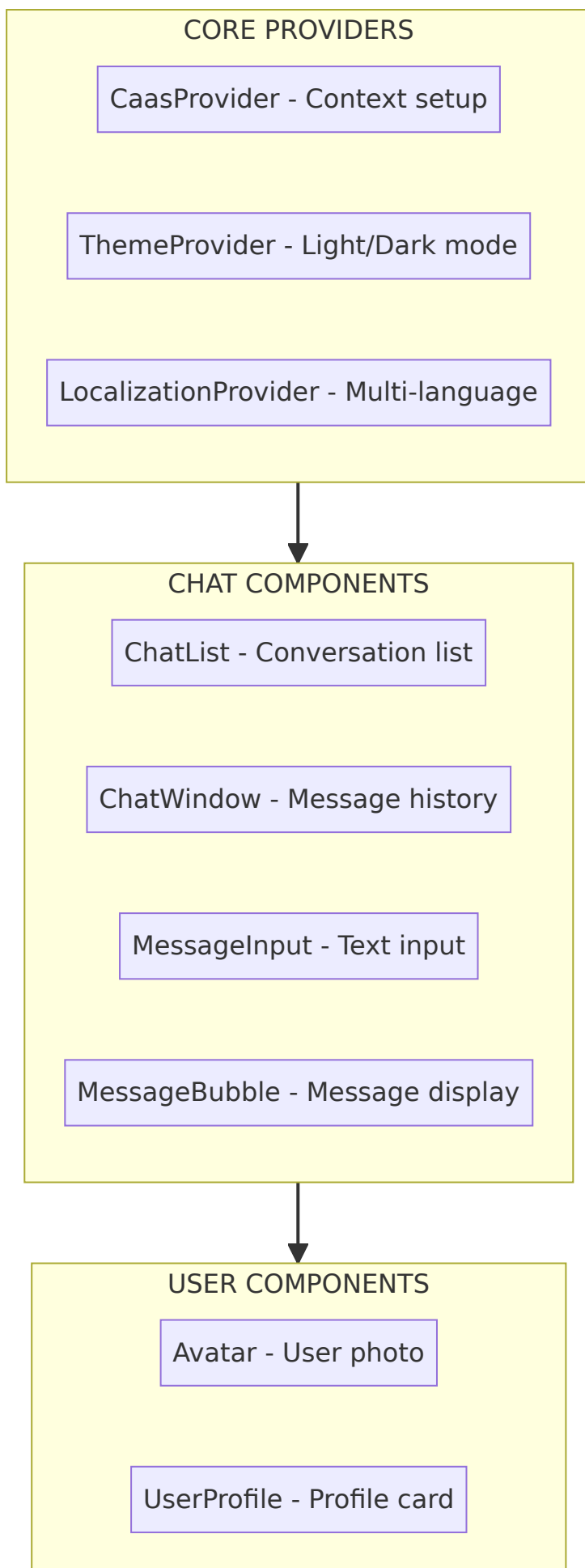
Deploy application

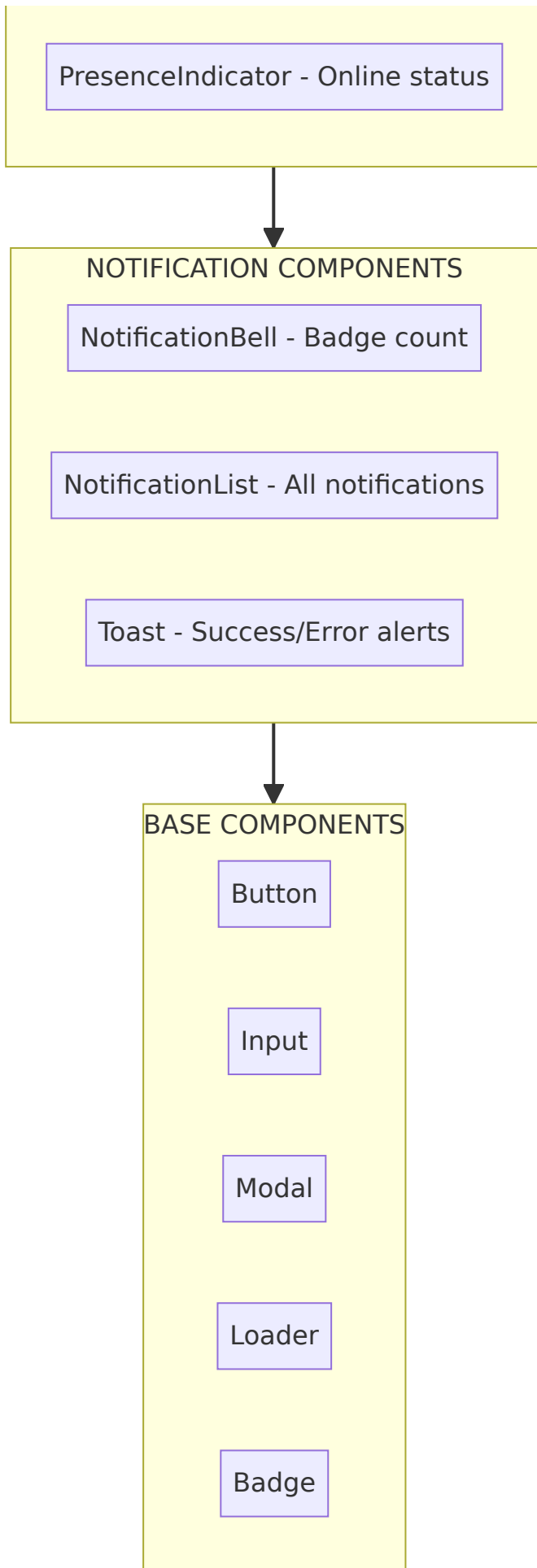
# SDK Code Example Flow



## UI Components Available







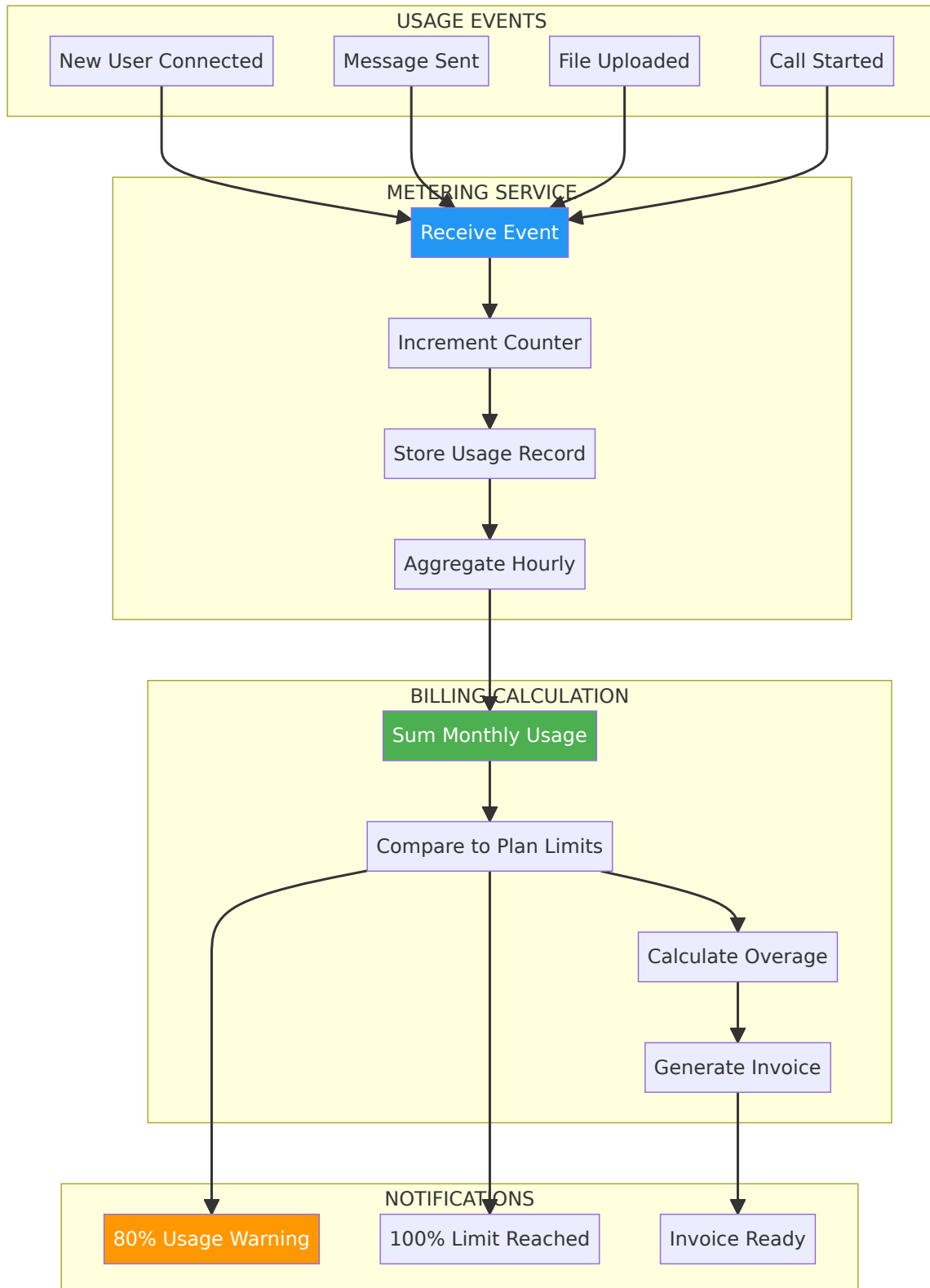
# 10. Billing and Pricing

## Pricing Tiers

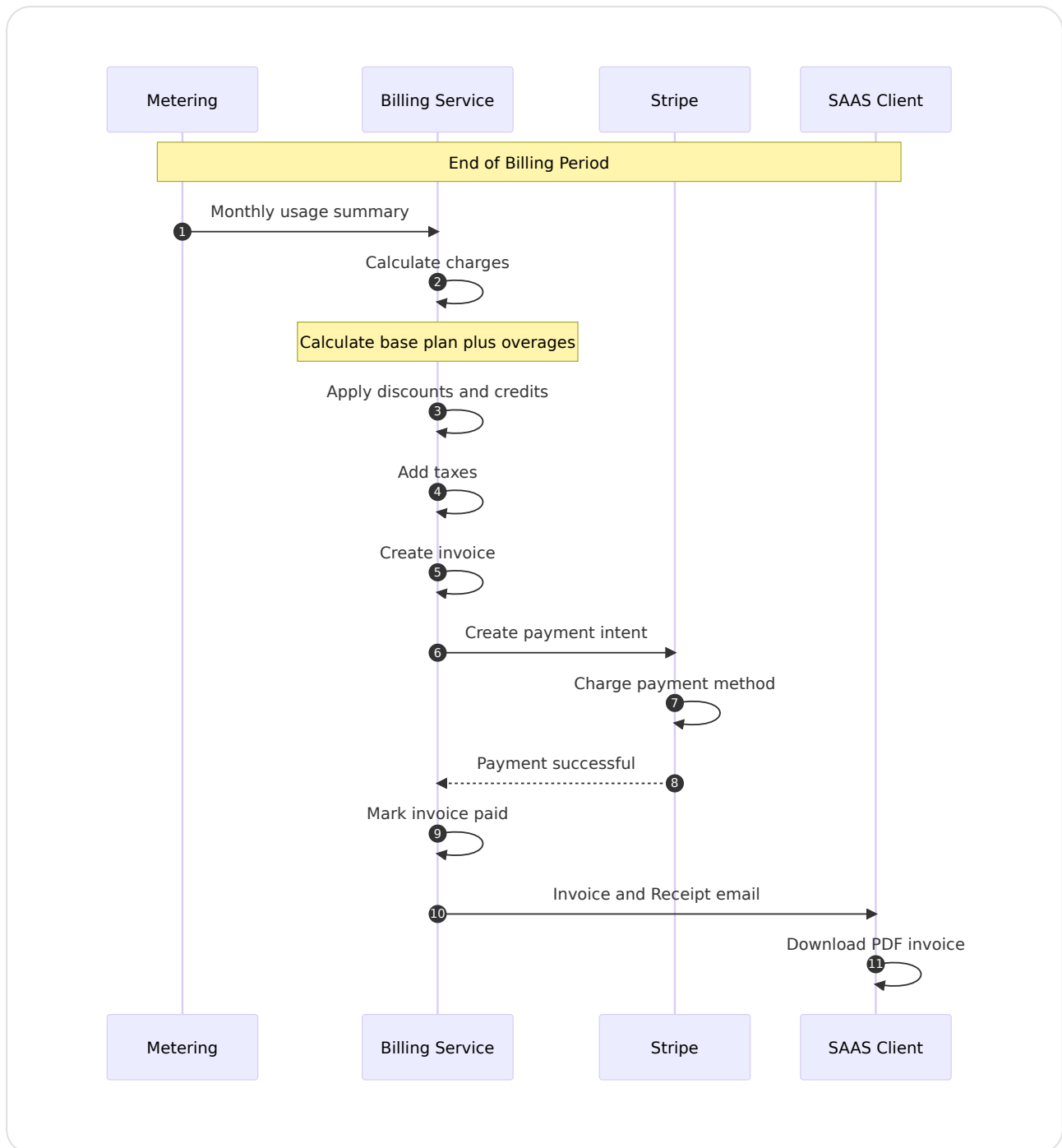




# Usage Metering Flow



# Invoice Generation

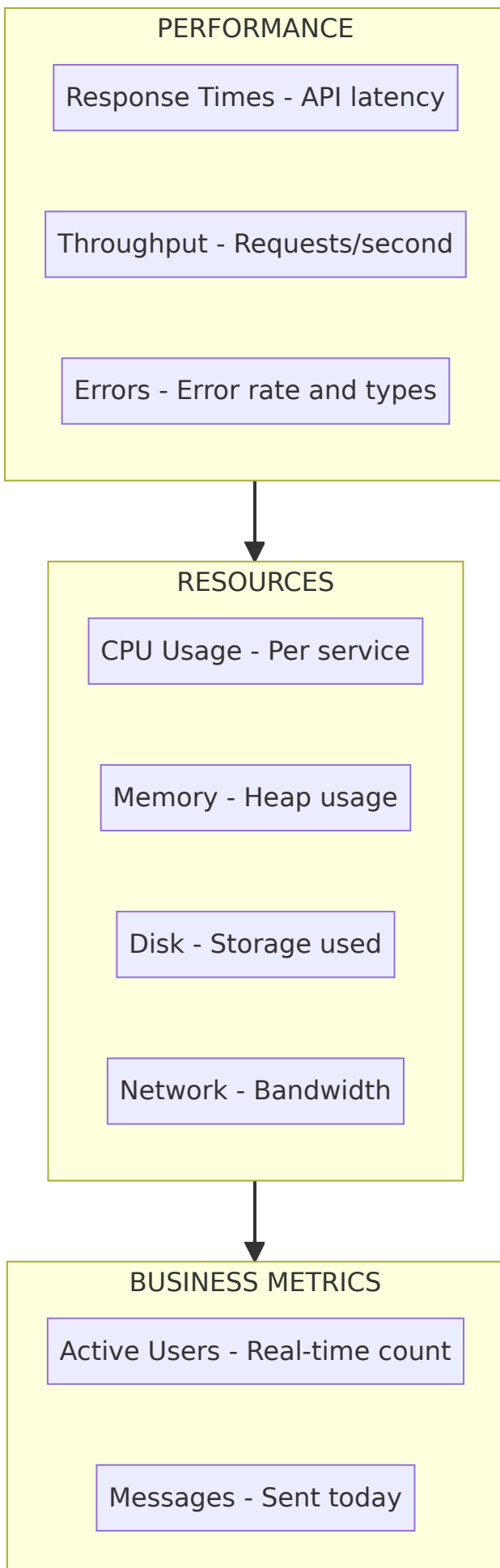


# 11. Monitoring and Analytics

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## What We Monitor





Conversations - Active chats

Media - Files uploaded



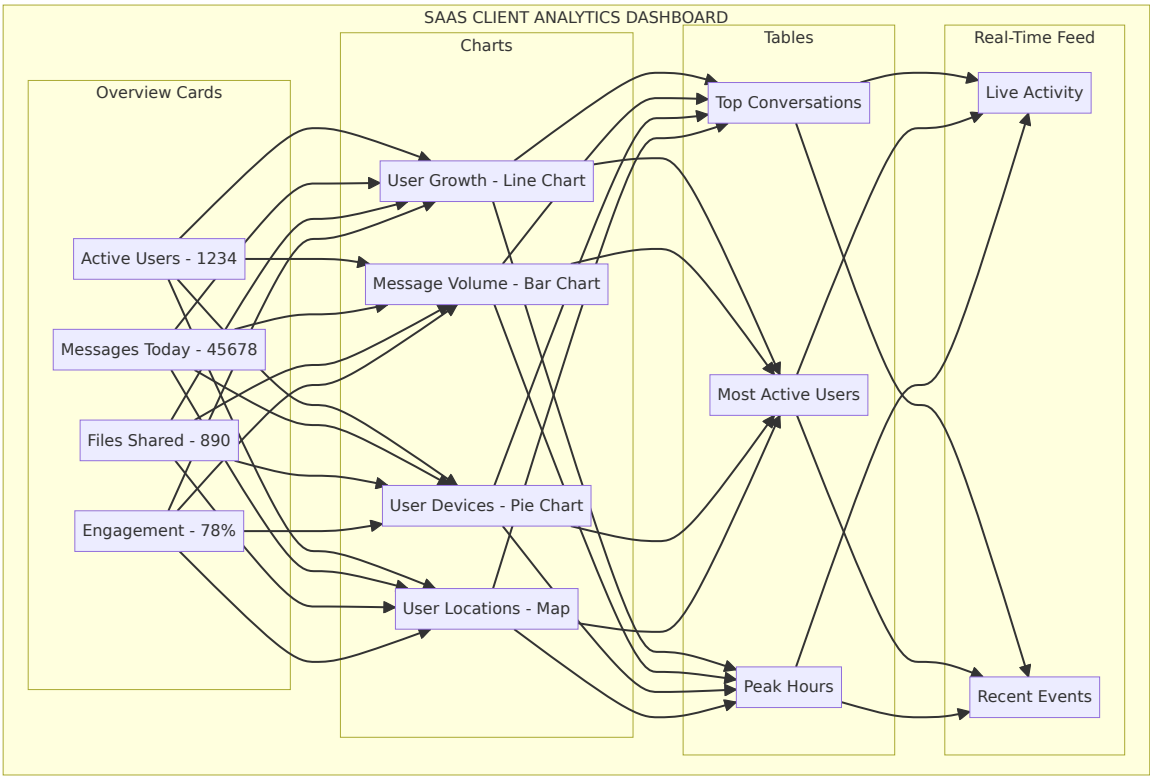
## ALERTS

Critical - Service down

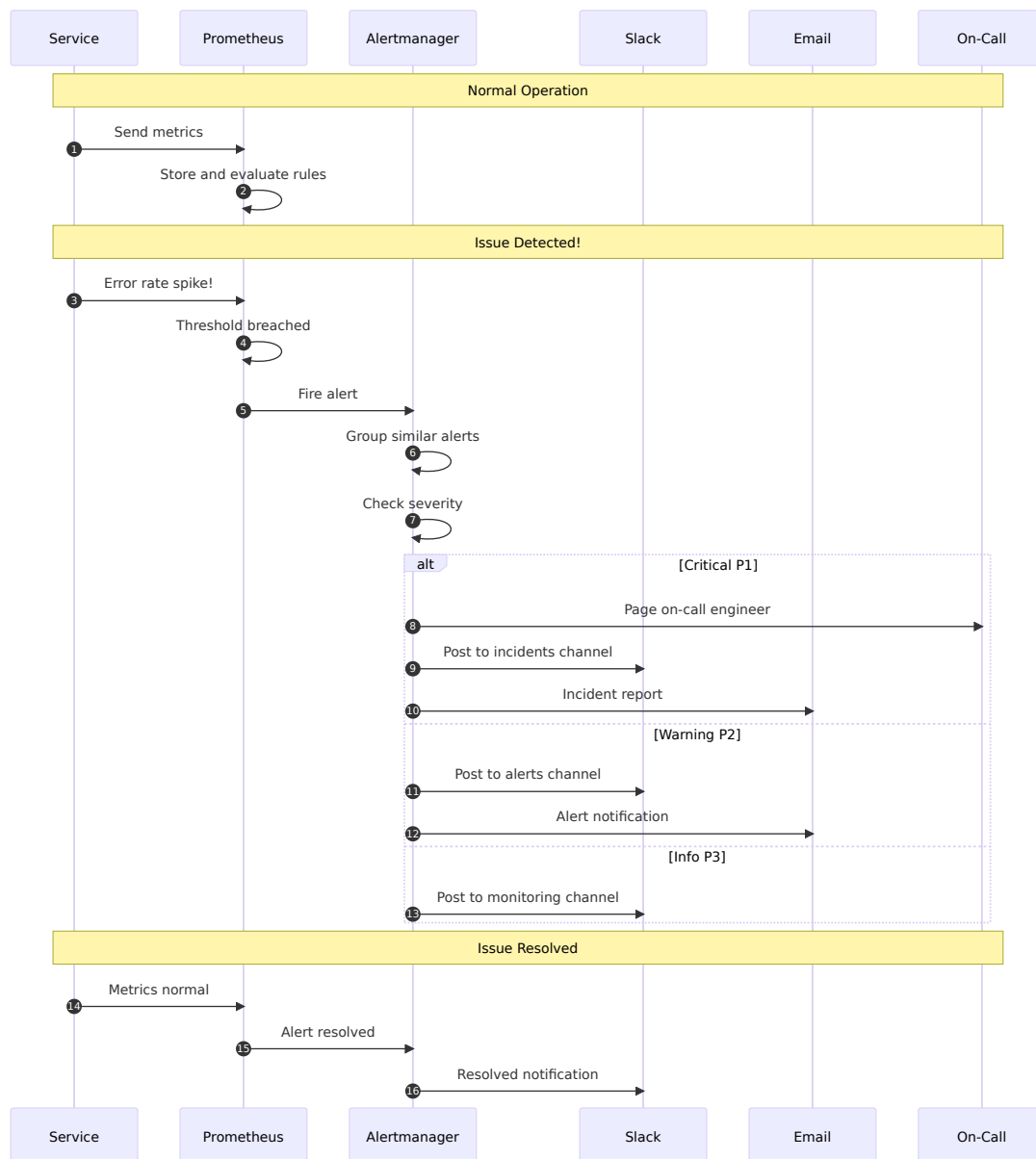
Warning - High latency

Info - New deployments

# Analytics Dashboard



# Alert Flow



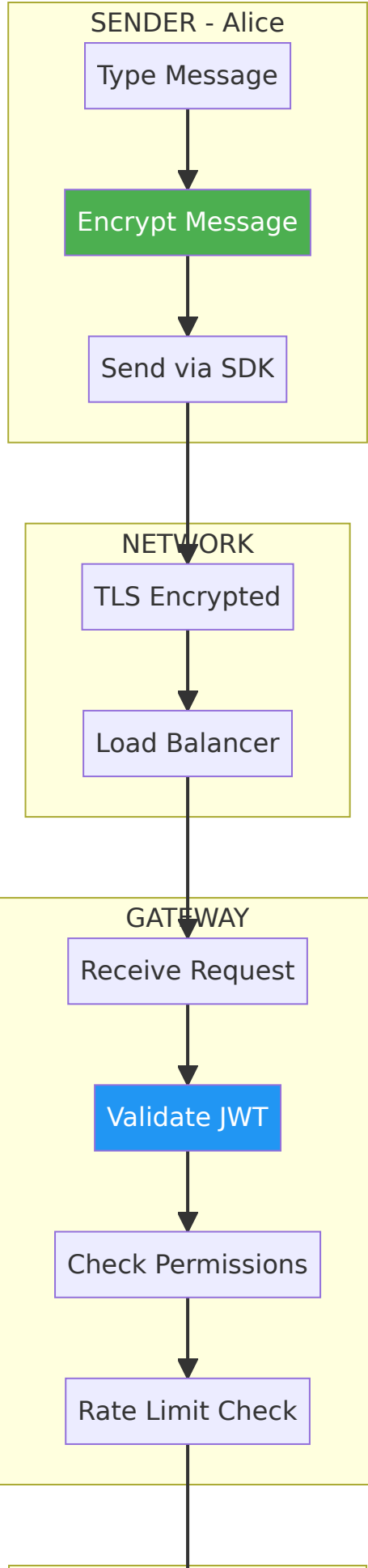


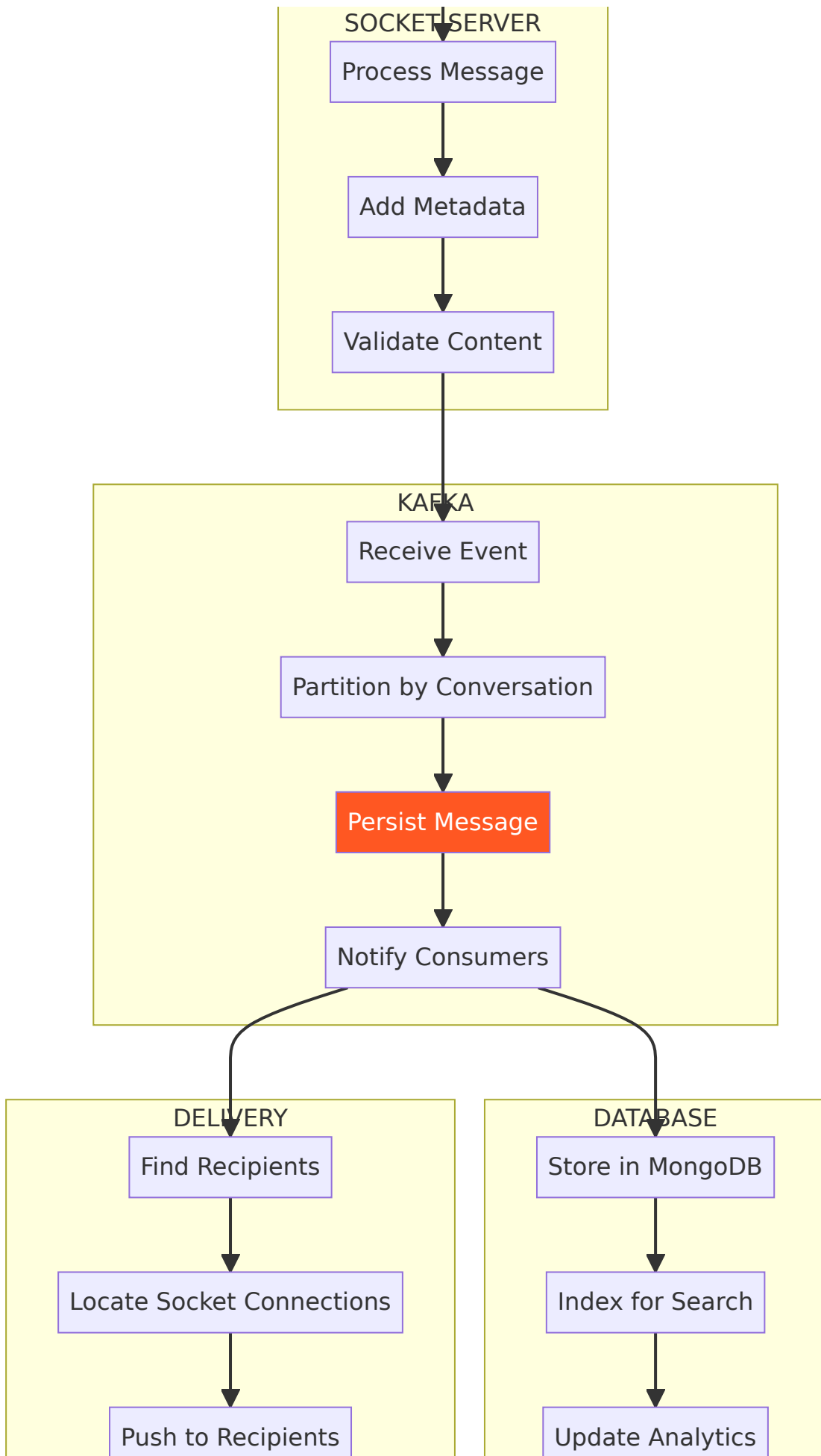
# 12. Complete Data Flow

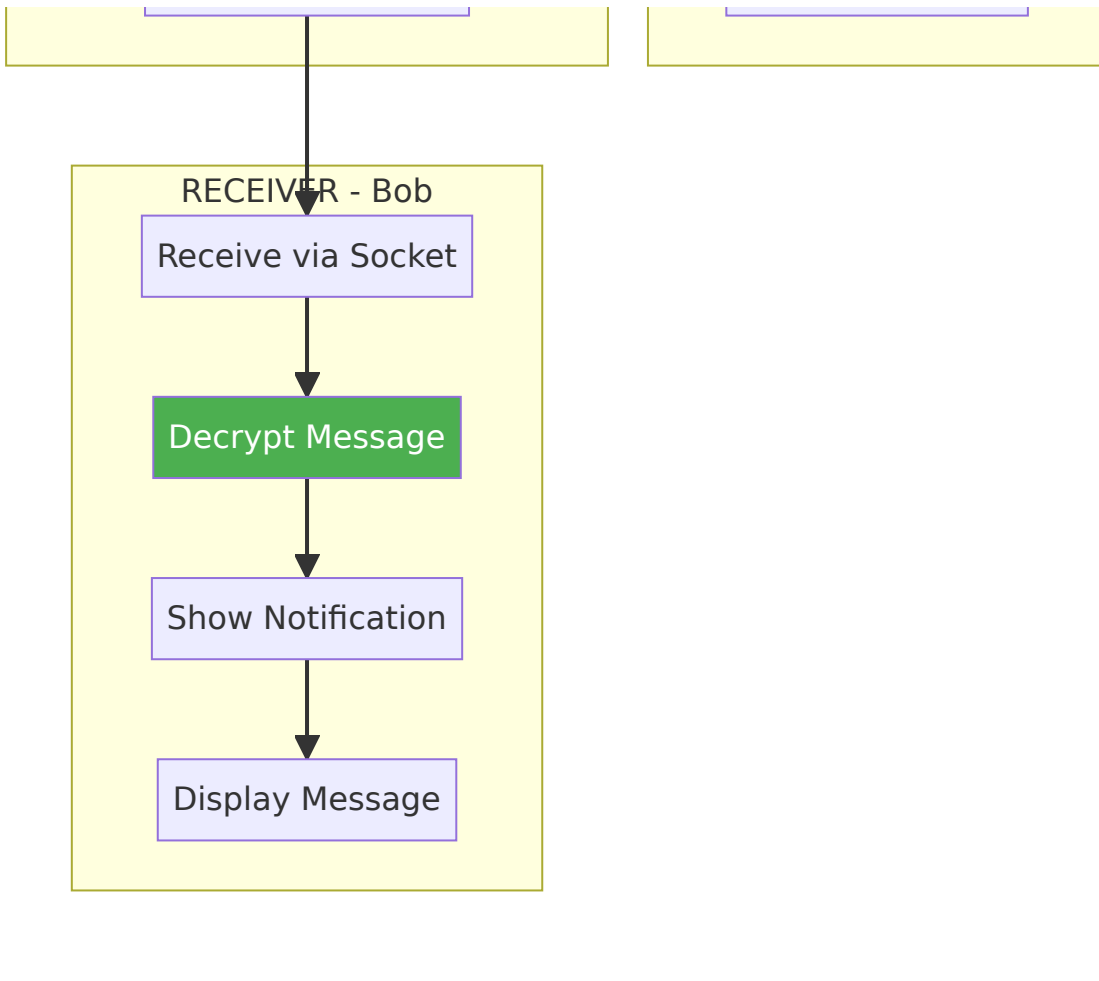
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## End-to-End Message Journey

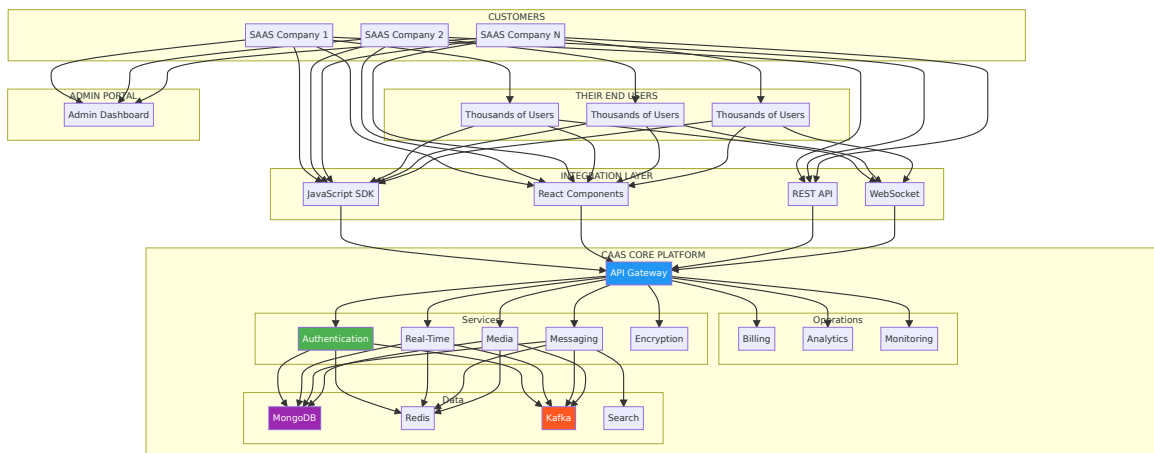








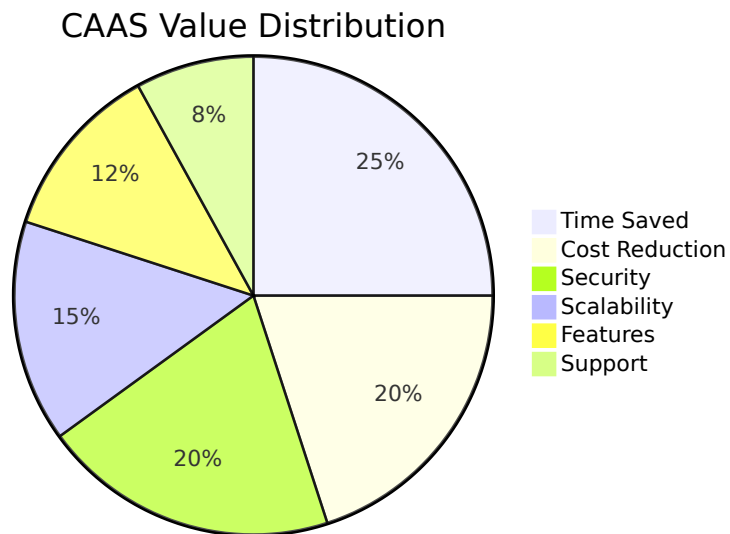
## Complete Platform Ecosystem



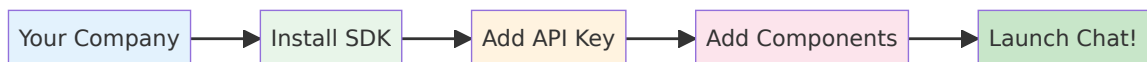
# Summary

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## What CAAS Provides



## Key Takeaways



**Document Version:** 1.0.1

**Last Updated:** 2026-02-05

**Mermaid Version:** Compatible with 10.2.3+

**Generated for:** Non-Technical Stakeholders, Business Users, and Everyone  
Curious About CAAS!