

# Cake boss bakery

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## 1. Description

Cake boss is a bakery heaven for all pastry products which leave you salivating for more. There has been a huge influx of orders resulting in long queues at the bakery and as a result an online ordering application is of paramount importance.

## 2. Business

Create an online ordering system for customers that is able to handle high volumes of orders. The system should offer a seamless experience for the customer and should always be available.

## 3. Architecture

### 3.1. Overview

Cake boss bakery is made up of different departments that work together to produce pastry products and these departments do translate into small micro-services which perform single functionality.

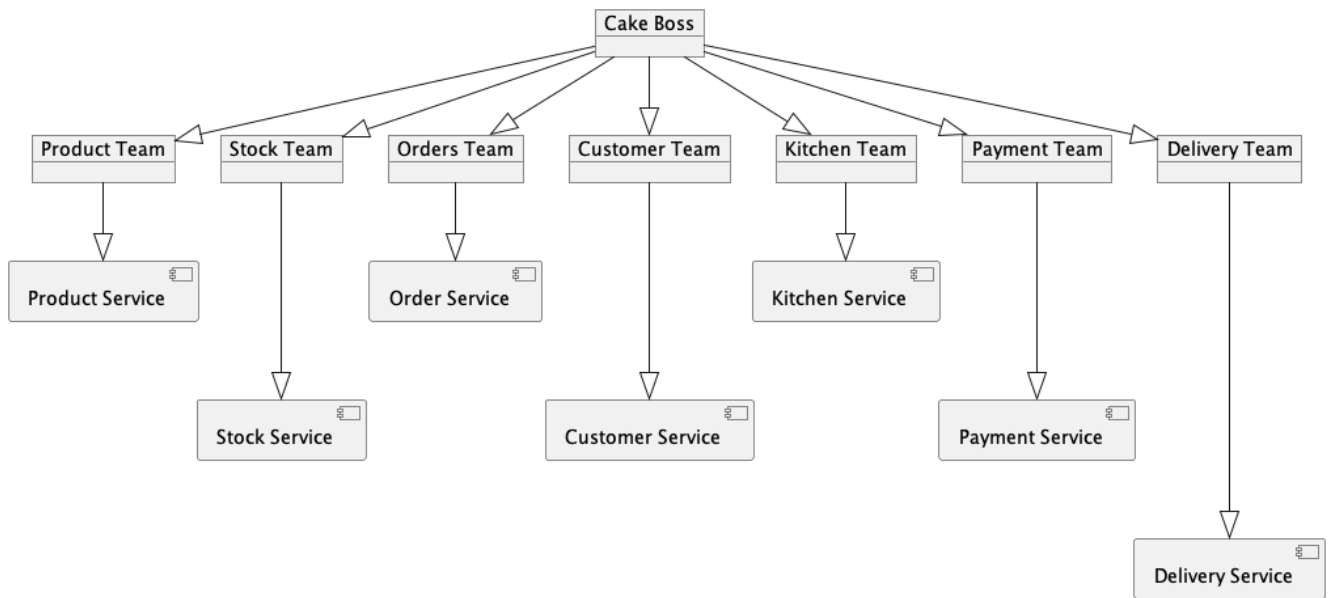


Figure 1. Cake boss bakery service overview

The sequence diagram below shows the journey of a customer placing an order till the order has been delivered.

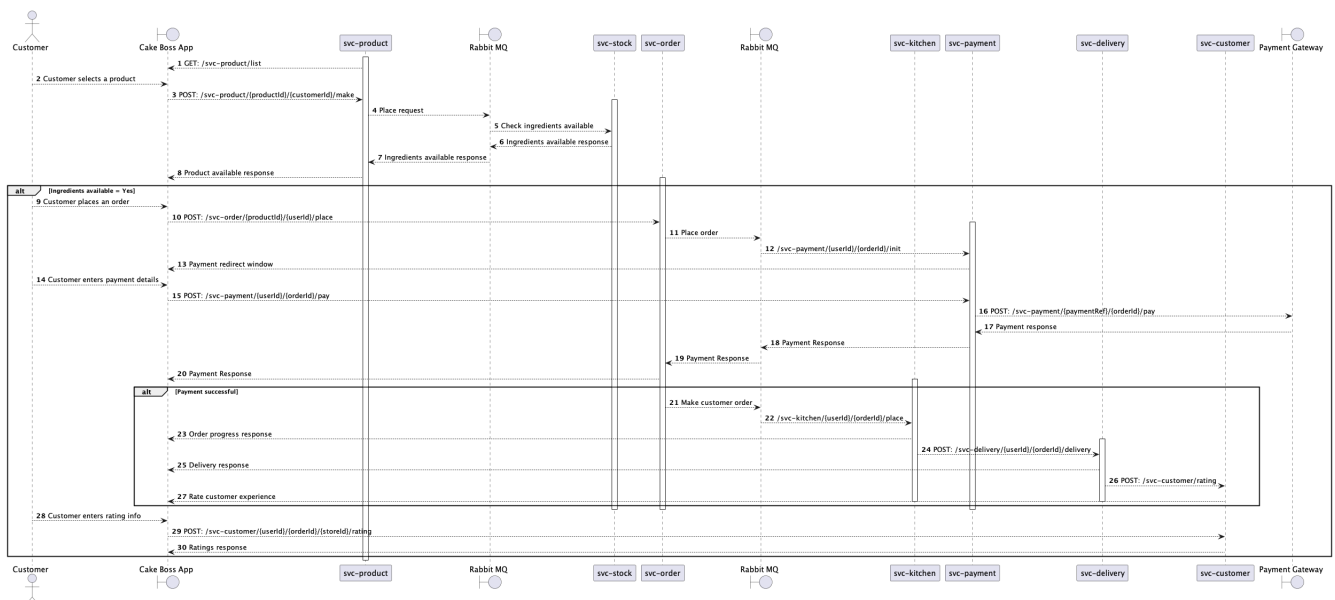


Figure 2. Customer ordering sequence diagram