Checkout Completion Internals

Merchants Web Page

accepts order request →

← notify merchant

Order Service

Gateway Service

API Gateway

/checkouts/complete

Shopping Service

Checkout Resource

Order Publisher

Order Listener

RabbitMQ

orders.requests

orders.accepted

Checkout Tracker

Shipping Listener

STOMP Client

← /checkout/status

Customer App

CheckoutBinds

Shipping Publisher

shipping.accepted

shipping.request

Drivers App

notify drivers ←

accept shipping request →

Shipping Service
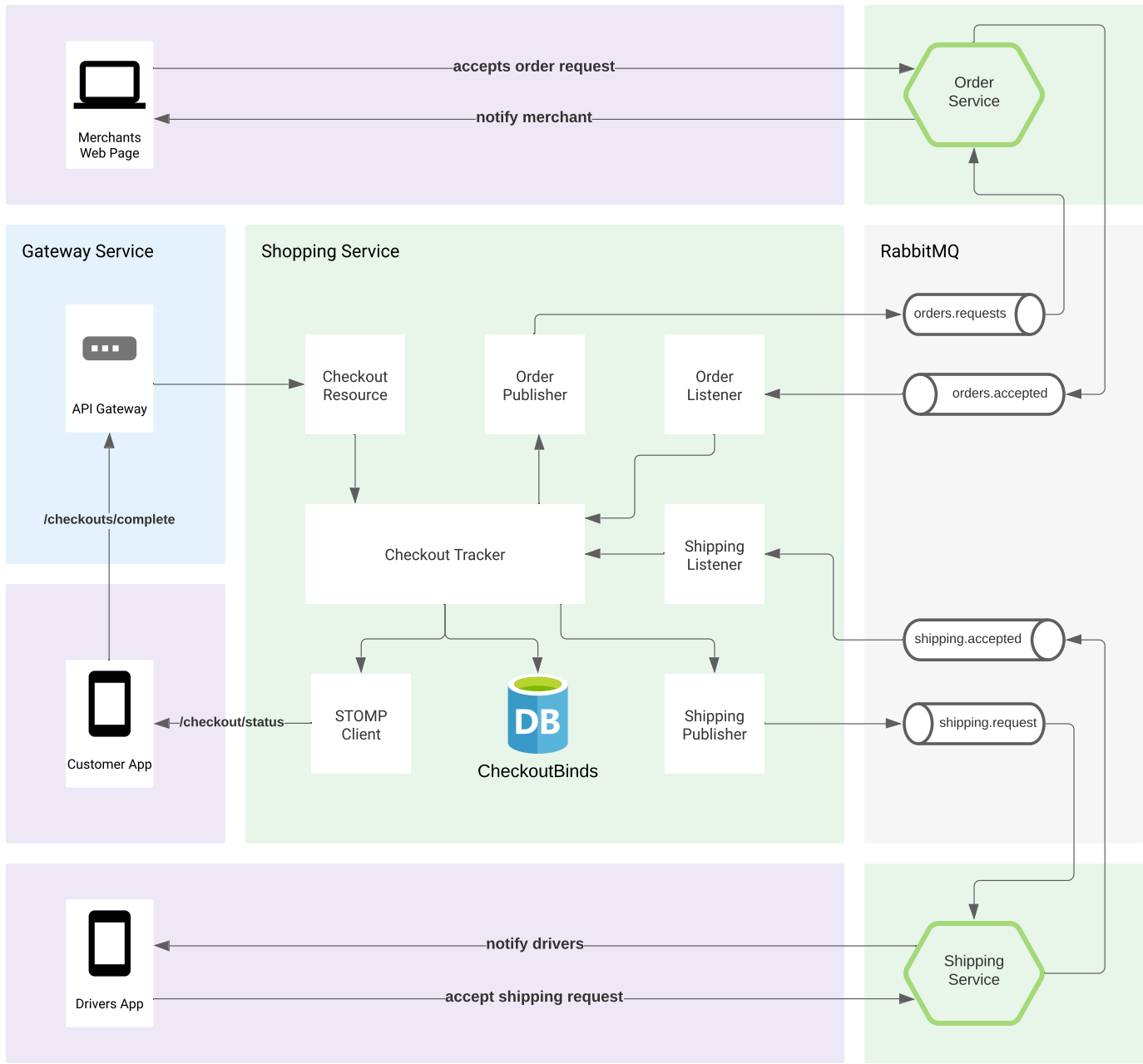
Steps: 1. Create CheckoutBind, 2. Publish Order, 3. Consume Response, 4. Update CheckoutBind, 5. Publish Shipping, 6. Consume Response, 7. Update CheckoutBind, 8. Create Payment