OUTBOX PATTERN Payment Service KAFKA Outbox payment-request-topic Pulling payment-response-topic Order Service ACID Outbox Outbox Table + SAGA Coordinator Pulling Restaurant Service Outbox restaurant-approval-request-topic +Outbox Table restaurant-approval-response-topic ACID Outbox Table + Restaurant Payment Order Service Service Service State Table 0rder Saga Outbox Order Created Event PENDING STARTED STARTED Payment Completed Event PROCESSING COMPLETED PAID Order Paid Event PROCESSING STARTED PAID Order Approved Event APPROVED SUCCEEDED COMPLETED Restaurant Payment Order Service Service Service State Table Order Saga Outbox Order Created Event PENDING STARTED STARTED Payment Failed Event CANCELLED COMPENSATED COMPLETED Restaurant Payment Order Service Service Service State Table Outbox Order Saga Order Created Event PENDING STARTED STARTED COMPLETED Payment Completed Event PAID PROCESSING Order Paid Event PROCESSING STARTED PAID Order Rejected Event CANCELLING COMPENSATING COMPLETED Order Cancelled Event CANCELLING COMPENSATING STARTED Payment Cancelled Event COMPENSATED CANCELLED