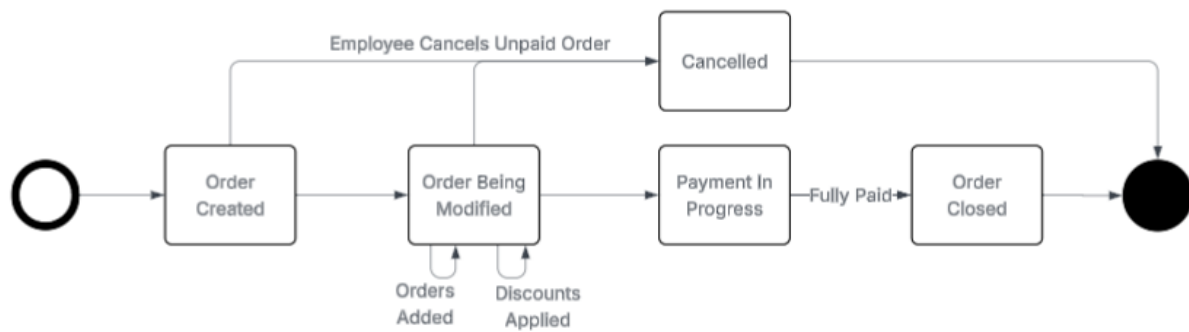


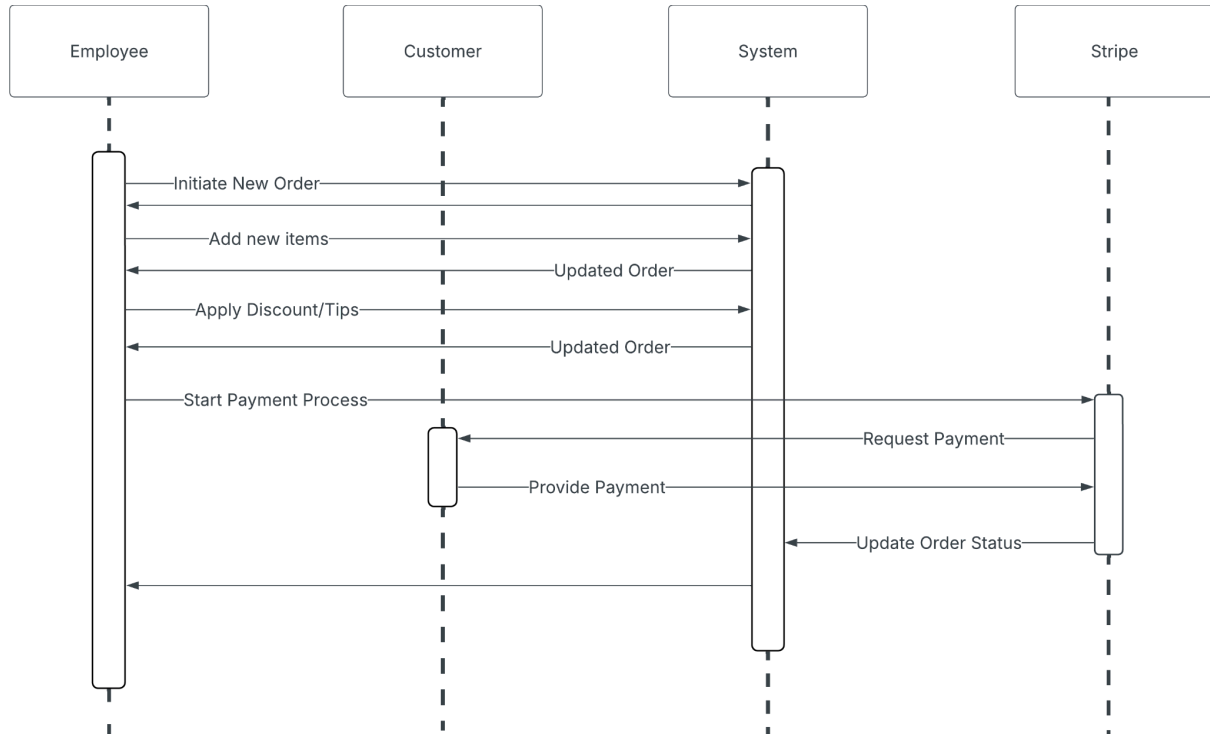
# Order Lifecycle

(covers create order → add/modify items → apply discounts/tips → split payments → close order → receipt → refund)

## Order State Diagram

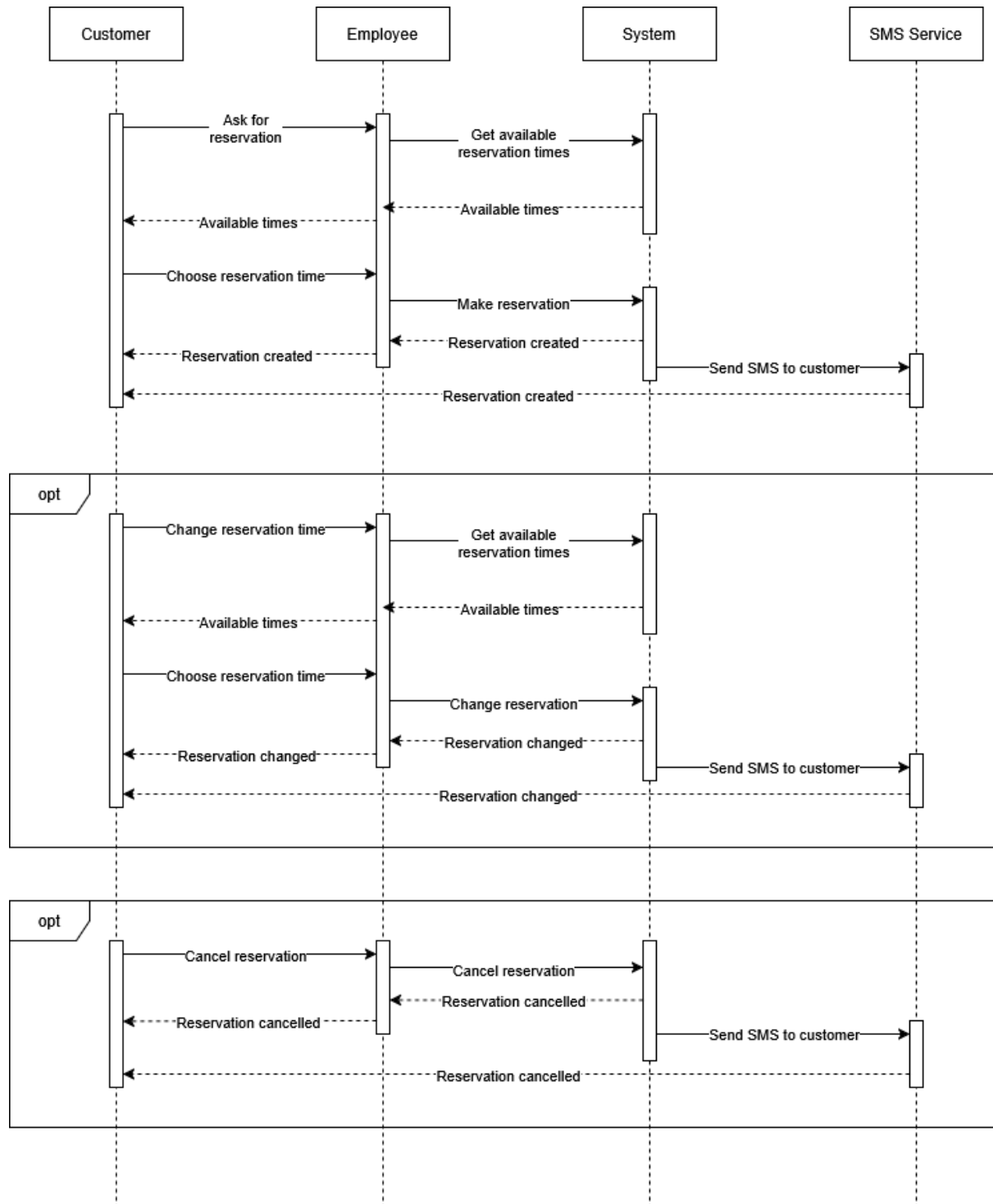


## Order flow diagram



# Reservation

(covers create reservation → modify/cancel → send SMS)

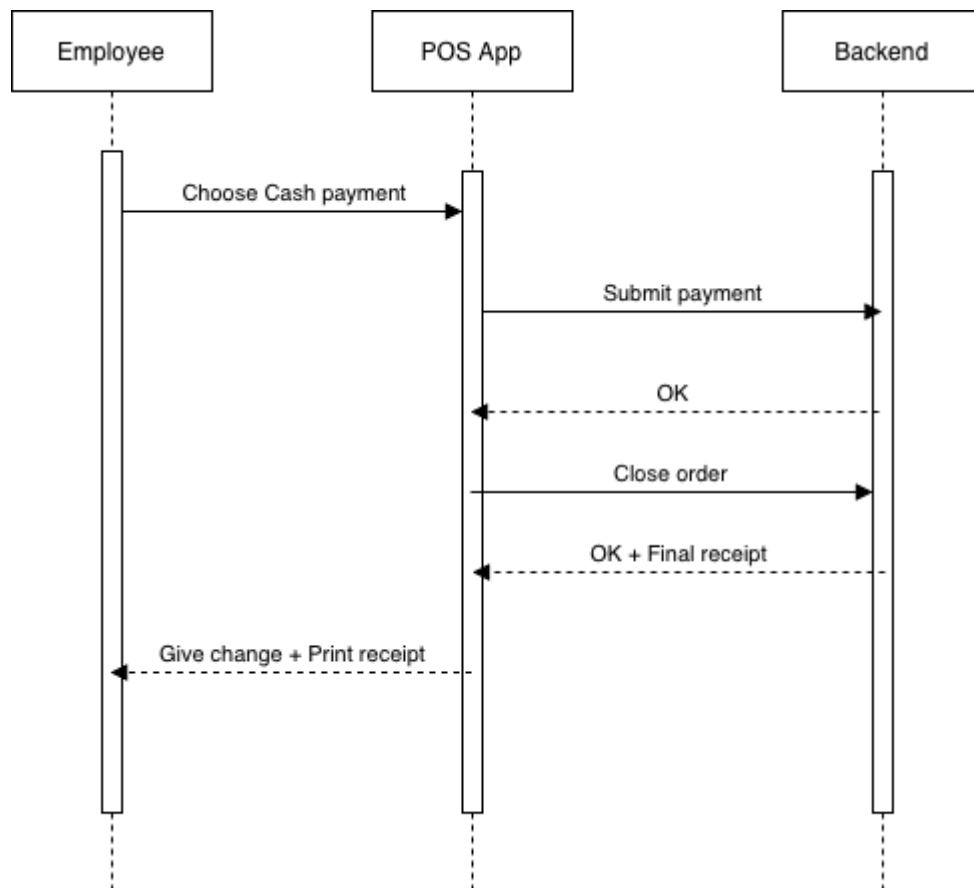


# Payment Flow

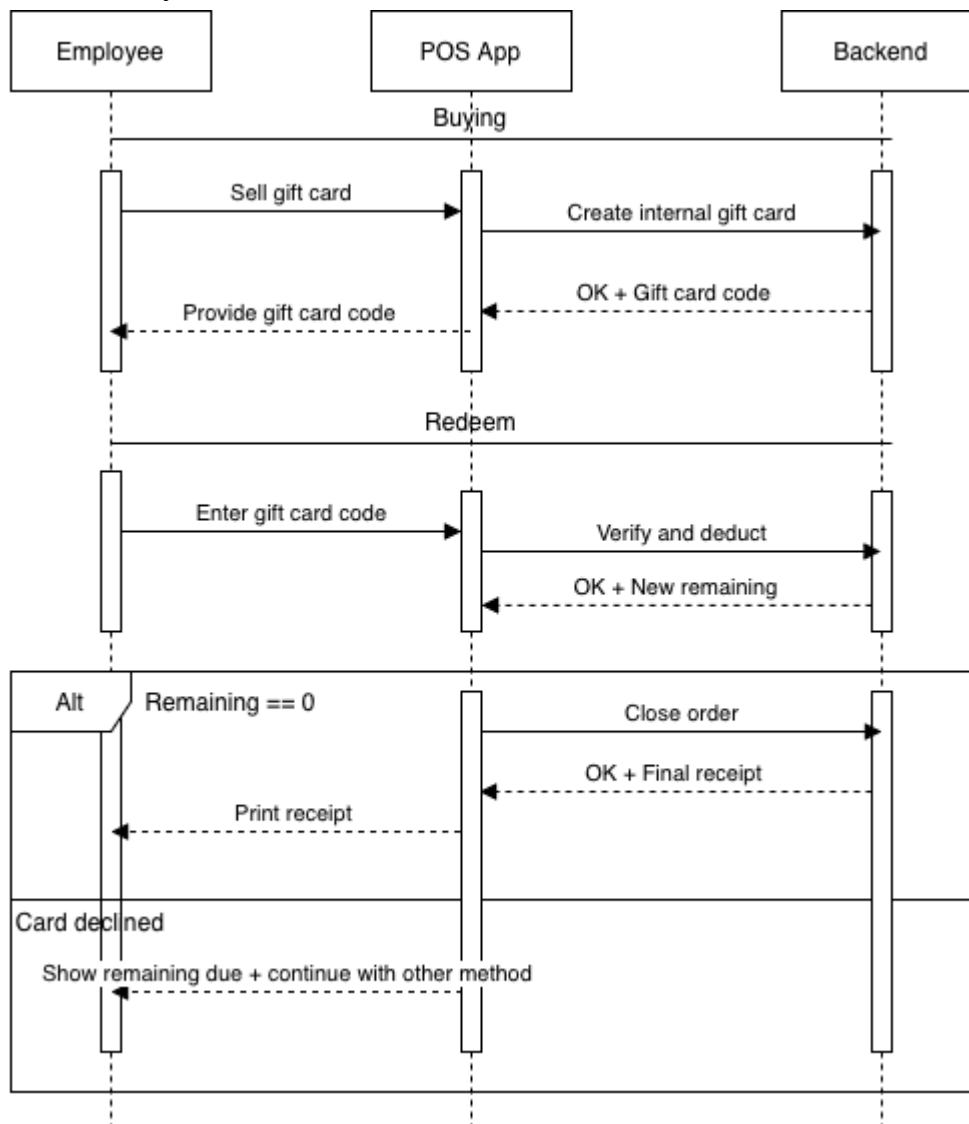
## Diagram Elements Overview

- **Employee** – The cashier or staff member operating the POS system.
- **POS App** – The Point of Sale application used by the employee to manage sales.
- **Backend** – The server-side system handling business logic, payments, and data management.
- **Alt / Loop Blocks** – Represent alternative paths or repeated actions.

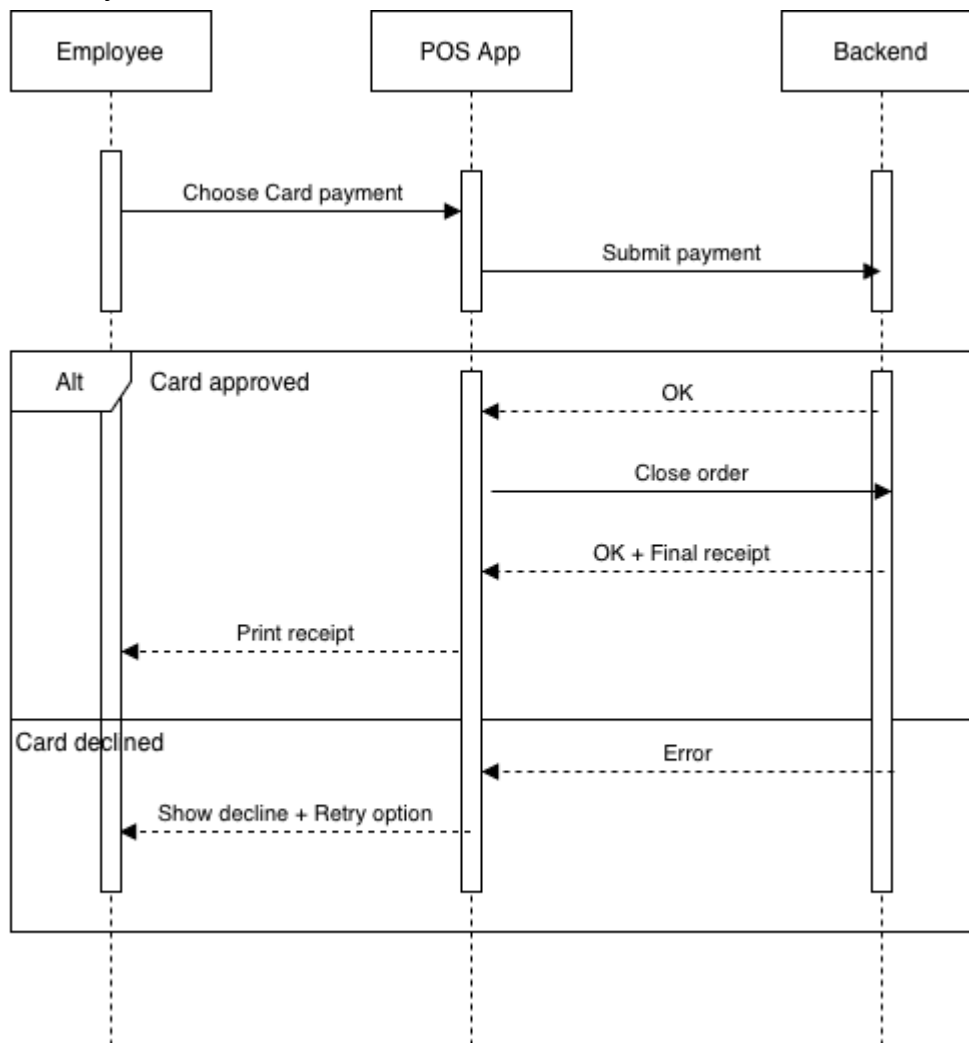
## Cash Payment Flow



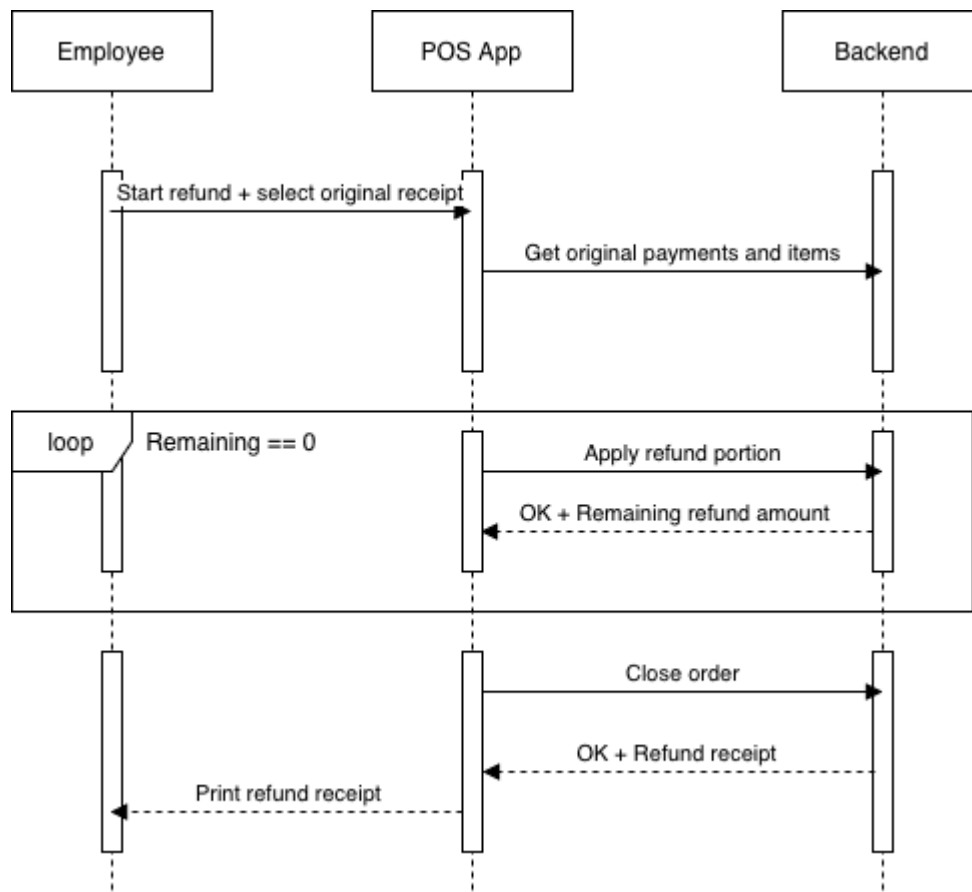
## Gift Card Payment Flow



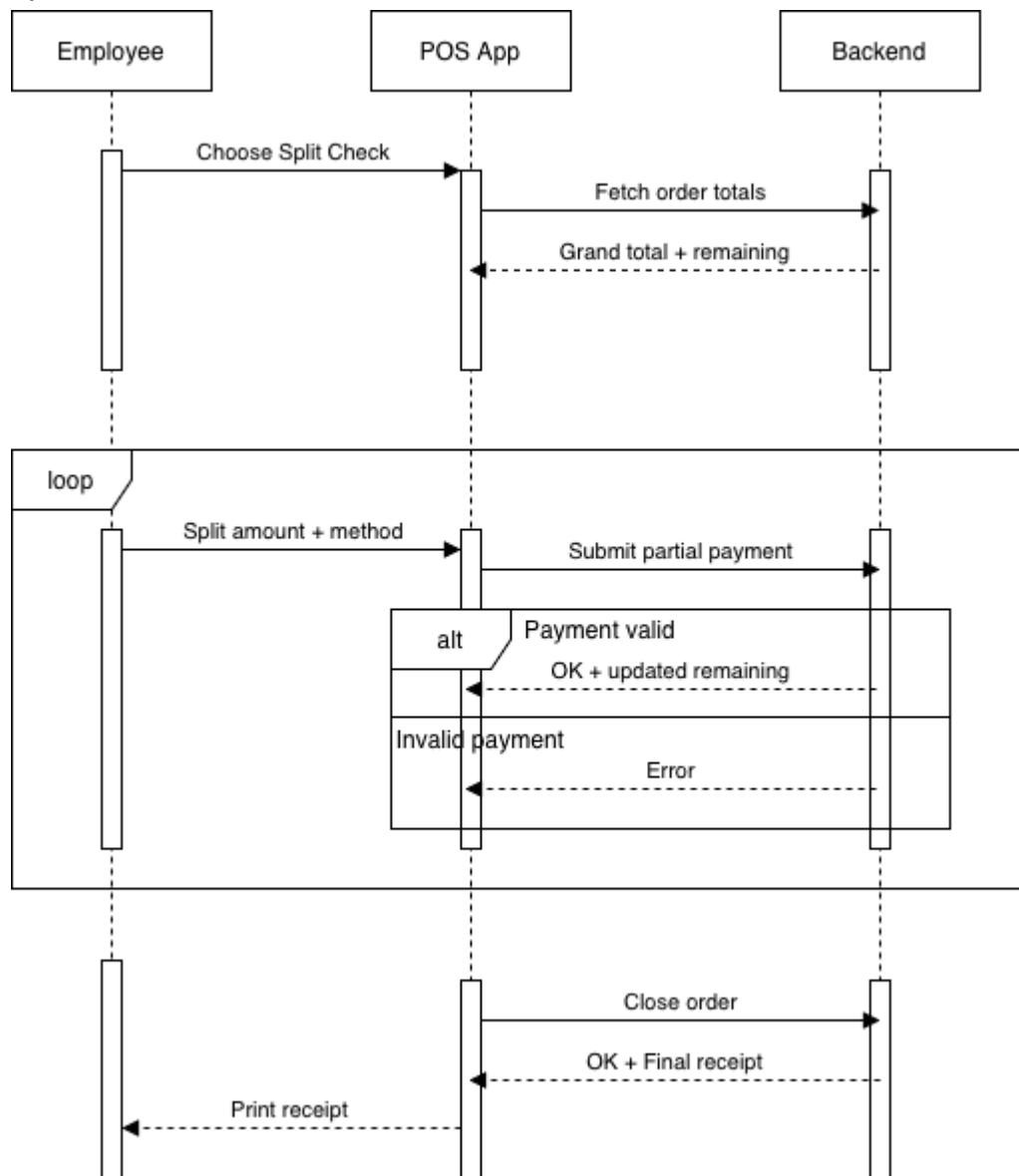
## Card Payment Flow



## Refunds Flow

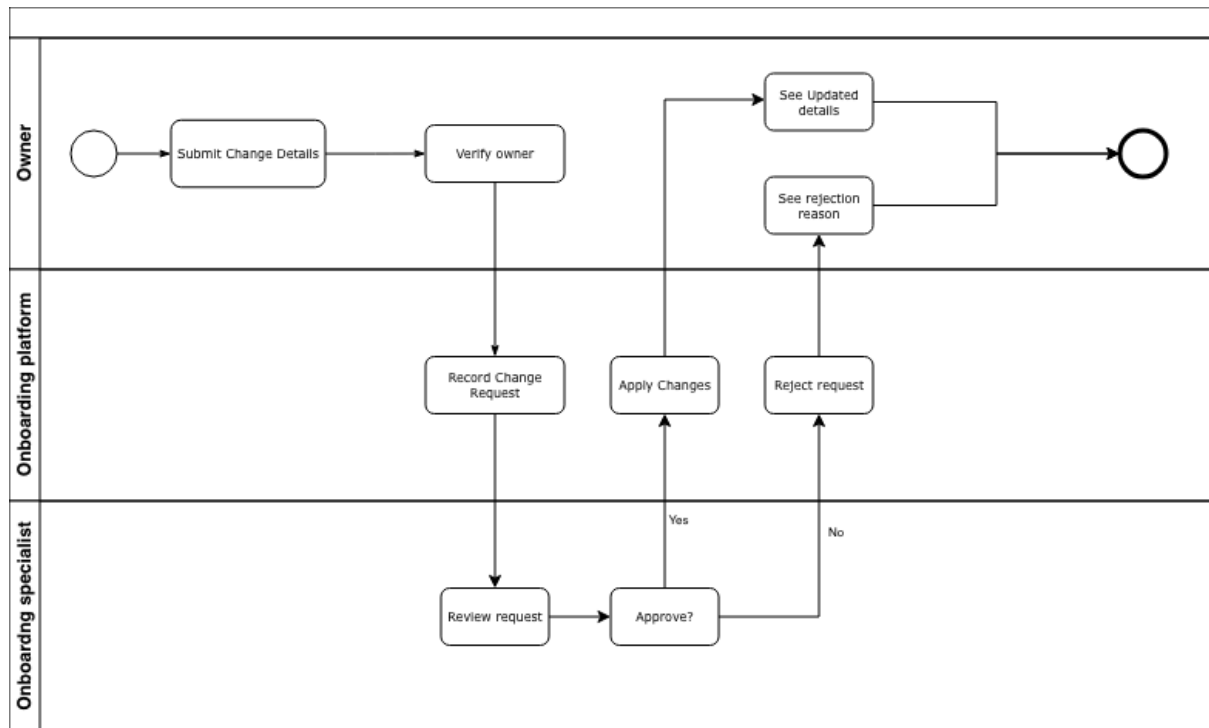


## Split Checks Flow



# Merchant/Business Setup & Management

(covers onboarding a new business, defining its details, plans, and settings)





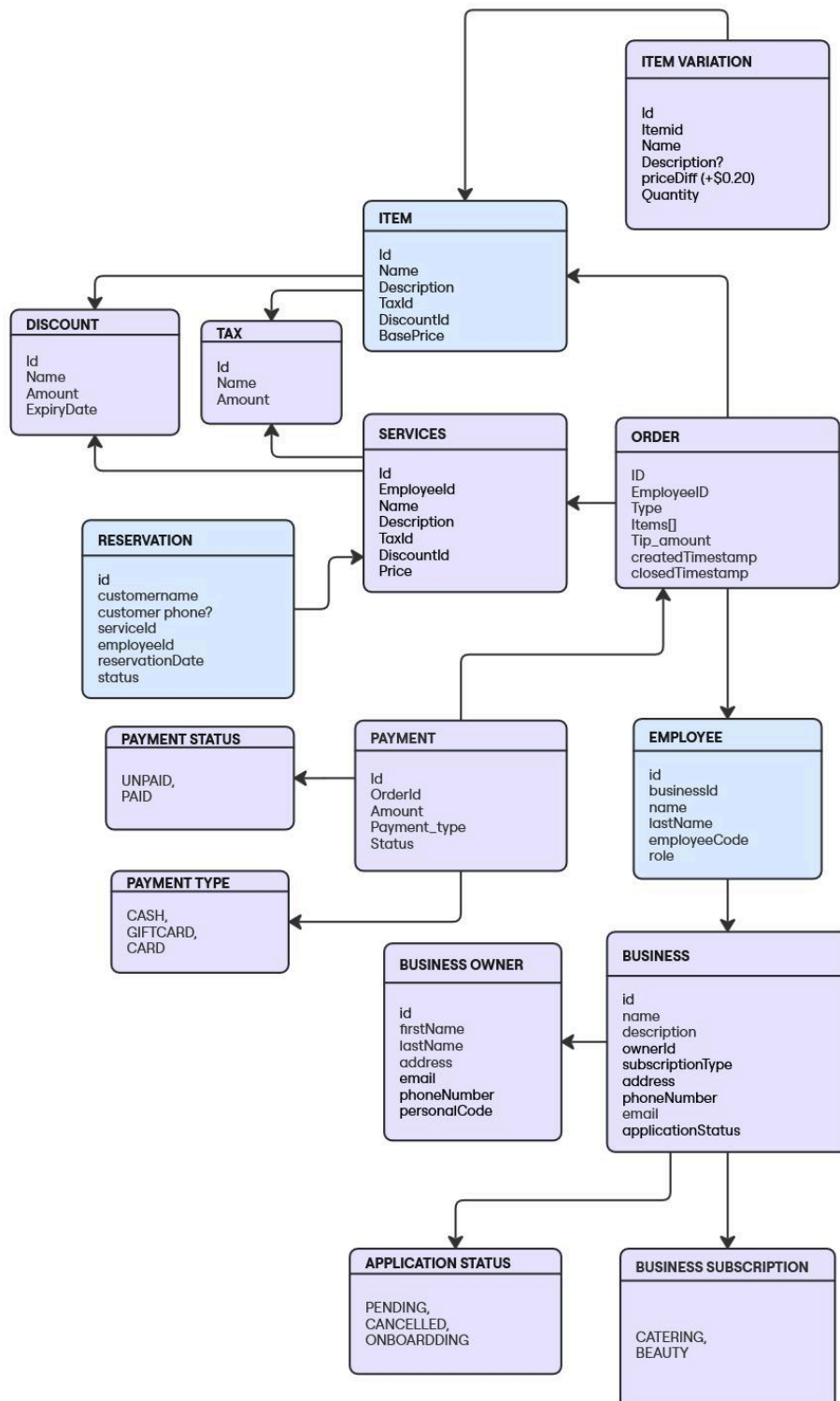
# System Management

(covers user management, product/tax/discount management, and access control)

Roles that will be used:

- Admin - highest place in the hierarchy, can manage anyone in any business.
- Owner - admin but for a single business - manages employees.
- Employee - basic access to the system.

# Data model



# High level architecture

