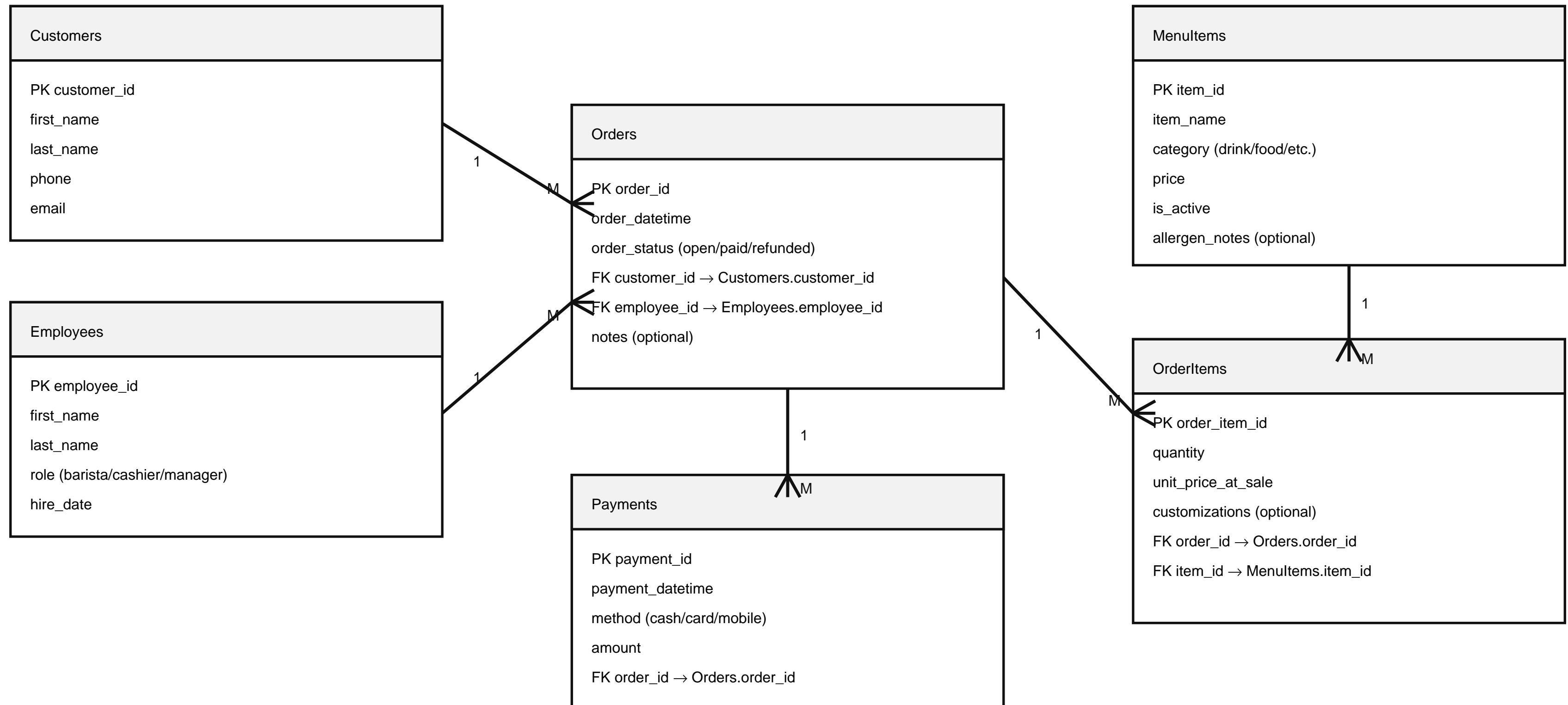Conceptual Relational Database Diagram — Local Café

Tables, primary keys (PK), foreign keys (FK), and relationships (1-to-many shown with crow's foot)

**Customers**

PK customer_id

first_name

last_name

phone

email

**Employees**

PK employee_id

first_name

last_name

role (barista/cashier/manager)

hire_date

**Orders**

PK order_id

order_datetime

order_status (open/paid/refunded)

FK customer_id → Customers.customer_id

FK employee_id → Employees.employee_id

notes (optional)

**MenuItems**

PK item_id

item_name

category (drink/food/etc.)

price

is_active

allergen_notes (optional)

**Payments**

PK payment_id

payment_datetime

method (cash/card/mobile)

amount

FK order_id → Orders.order_id

**OrderItems**

PK order_item_id

quantity

unit_price_at_sale

customizations (optional)

FK order_id → Orders.order_id

FK item_id → MenuItems.item_id

1   M   M   1   1   M   M   1   1   M

**Legend**

PK = Primary Key (unique identifier for each row)

FK = Foreign Key (field that references another table's PK)

Crow's foot end = "many" (M). Single end = "one" (1).