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-- 1. App User
create table app_user (
    user_id      serial primary key,
    full_name    text not null,
    email        text not null unique,
    password     text not null,
    role         text not null,
    is_active    boolean not null default true
);

-- 2. Food Truck
create table food_truck (
    truck_id     serial primary key,
    name         text not null,
    location     text not null,
    description   text,
    estimated_prep_time integer not null,
    is_open      boolean not null default true
);

-- 3. Menu Item
create table menu_item (
    item_id      serial primary key,
    truck_id     integer not null,
    name         text not null,
    description   text,
    price        numeric(10,2) not null,
    category     text,
    is_available  boolean not null default true,
    foreign key (truck_id) references food_truck(truck_id)
);

-- 4. Orders
create table orders (

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order_id      serial primary key,
user_id       integer not null,
truck_id      integer not null,
pickup_time   timestamp not null,
cost          numeric(10,2) not null,
status        text not null,
foreign key (user_id) references app_user(user_id),
foreign key (truck_id) references food_truck(truck_id)
);

-- 5. Order Item
create table order_item (
    order_id      integer not null,
    item_id       integer not null,
    quantity      integer not null,
    price         numeric(10,2) not null,
    primary key (order_id, item_id),
    foreign key (order_id) references orders(order_id),
    foreign key (item_id) references menu_item(item_id)
);

-- 6. Review
create table review (
    review_id     serial primary key,
    user_id       integer not null,
    truck_id      integer not null,
    item_id       integer,
    rating        integer not null,
    comment       text,
    foreign key (user_id) references app_user(user_id),
    foreign key (truck_id) references food_truck(truck_id),
    foreign key (item_id) references menu_item(item_id)
);

-- 7. Notification
create table notification (
    notification_id serial primary key,
    user_id         integer not null,
    order_id        integer not null,
    type            text not null,
    message         text not null,
    foreign key (user_id) references app_user(user_id),
    foreign key (order_id) references orders(order_id)
);

-- 8. Coupon
create table coupon (
    coupon_id      serial primary key,
    truck_id       integer not null,
    code           text not null unique,
    discount_value numeric(10,2) not null,
    is_active      boolean not null default true,
    foreign key (truck_id) references food_truck(truck_id)
);

-- 9. Order Coupon
create table order_coupon (
    order_id      integer not null,
    coupon_id     integer not null,
    primary key (order_id, coupon_id),
    foreign key (order_id) references orders(order_id),
    foreign key (coupon_id) references coupon(coupon_id)
);

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