

## Record types

In a pizza delivery app, record types represent the different kinds of data or entities that you want to store in your database. Each record type corresponds to a table in your database schema. Below are record types and their associated fields for a pizza delivery app:

### 1. User Record Type:

- Fields:
  - UserID (Primary Key)
  - Name
  - Email
  - Password (hashed)
  - Phone
  - Address

### 2. Pizza Record Type:

- Fields:
  - PizzaID (Primary Key)
  - Name
  - Description
  - Price
  - Ingredients

### 3. Order Record Type:

- Fields:
  - OrderID (Primary Key)
  - UserID (Foreign Key referencing User.UserID)
  - DeliveryAddress
  - OrderStatus (e.g., Pending, In Progress, Delivered)
  - TotalPrice

- Timestamp

#### 4. **OrderItem Record Type:**

- Fields:
  - OrderItemID (Primary Key)
  - OrderID (Foreign Key referencing Order.OrderID)
  - PizzaID (Foreign Key referencing Pizza.PizzaID)
  - Quantity

#### 5. **Cart Record Type:**

- Fields:
  - CartID (Primary Key)
  - UserID (Foreign Key referencing User.UserID)

#### 6. **CartItem Record Type:**

- Fields:
  - CartItemID (Primary Key)
  - CartID (Foreign Key referencing Cart.CartID)
  - PizzaID (Foreign Key referencing Pizza.PizzaID)
  - Quantity

#### 7. **Payment Record Type:**

- Fields:
  - PaymentID (Primary Key)
  - UserID (Foreign Key referencing User.UserID)
  - OrderID (Foreign Key referencing Order.OrderID)
  - Amount
  - PaymentStatus
  - PaymentMethod

#### 8. **DeliveryDriver Record Type:**

- Fields:
  - DriverID (Primary Key)
  - Name
  - VehicleInfo
  - CurrentLocation

#### 9. **Notification Record Type:**

- Fields:
  - NotificationID (Primary Key)
  - UserID (Foreign Key referencing User.UserID)

- Message
- Timestamp

#### 10. **Restaurant Record Type:**

- Fields:
  - RestaurantID (Primary Key)
  - Name
  - Location
  - Menu (Reference to Pizza.PizzaID)

Each record type represents a table in a relational database, and the fields represent the attributes of each entity. The relationships between these record types are established through foreign keys, connecting the data in different tables.

It's important to define these record types and relationships clearly to ensure data integrity and efficient data retrieval when developing and interacting with the pizza delivery app.