# **Functional Dependencies**

### 1. User

#### FD:

```
userid \rightarrow name, pin, address_line1, address_line2, country, city, state, email
```

## 2. Email

#### FD:

```
userid → email (Already part of the User table, but mentioned explicitly for clarity)
```

# 3. Payment

### FD:

```
payment_id → amount, payment_method, status
```

### 4. Feedback

#### FD:

```
feedback_id → rating, comments
```

### 5. Send

#### FD:

```
\{sender, receiver, package\_id\} \rightarrow sender, receiver, package\_id  (Composite key, only a trivial FD exists here)
```

# 6. Package

### FD:

package\_id → status, weight, dimention, pickup\_address

# 7. Shipment

### FD:

 $shipment_id \rightarrow pickup_time$ ,  $delivery_time$ , status

# 8. Tracking

### FD:

tracking\_id → current\_location, time\_stanc, status

## 9. Vehicle

#### FD:

 $vehicle\_id \ \rightarrow \ vehicle\_type, \ capacity, \ status$ 

# 10. Driver

### FD:

driver\_id → phone\_no, license\_number, status