**MÔ HÌNH DỮ LIỆU MỨC LUẬN LÝ**

1. ROLE (**ID\_ROLE**, NAME)

2. USER (**ID\_USER**, *ID\_ROLE*, NAME, PHONE, ADDRESS, ACTIVE)

3. COMMENT (**ID\_COMMENT**, *ID\_FOOD*, *ID\_USER*, CONTENT, TIME, RATINGVALUE)

4. DISCOUNT (**ID\_DISCOUNT**, CODE, PERCENT, VALIDDATE)

5. FOOD\_TYPE (**ID\_FOOD\_TYPE**, NAME)

6. FOOD (**ID\_FOOD**, *ID\_ADDON*, *ID\_SIZE*, *ID\_FOOD\_TYPE*, NAME, PRICE, IMAGE, DESCRIPTION, RATINGVALUE, RATINGCOUNT)

7. ORDER\_DETAIL (**ID\_ORDER, ID\_FOOD**, NUMBER)

8. ADDON (**ID\_ADDON**, NAME, PRICE)

9. SIZE (**ID\_SIZE**, NAME, PRICE)

10. SHIPPING\_ORDER (**ID\_USER, ID\_ORDER**, CURRENT\_LAT, CURRENT\_LNG, ESTIMATE\_TIME)

11. ORDER (**ID\_ORDER**, *ID\_USER*, *ID\_DISCOUNT*, CREATE\_DATE, NAME\_USER, PHONE\_USER, COMMENT, STATUS, TOTAL\_PRICE, FINAL\_PRICE, PAYMENT\_METHOD, SHIPPING\_ADDRESS, SHIPPING\_COST)

12. REFUND (**ID\_USER**, **ID\_ORDER**, TOTAL\_PRICE, CARD\_EXP, CARD\_NAME, CARD\_NUMBER, STATUS)

\* Ghi chú:

- Khóa chính: in đậm.

- Khóa ngoại: in nghiêng

# CÁC RÀNG BUỘC THAM CHIẾU

|  |  |  |  |
| --- | --- | --- | --- |
| STT | Bảng con (Reference table) |  | Bảng cha (Primary table) |
| 1 | USER (ID\_ROLE) | **→** | ROLE (ID\_ROLE) |
| 2 | REFUND (ID\_USER) | **→** | USER (ID\_USER) |
| 3 | COMMENT (ID\_FOOD) | **→** | FOOD (ID\_FOOD) |
| 4 | COMMENT (ID\_USER) | **→** | USER (ID\_USER) |
| 5 | SHIPPING\_ORDER (ID\_USER) | **→** | USER (ID\_USER) |
| 6 | SHIPPING\_ORDER (ID\_ORDER) | **→** | ORDER (ID\_ORDER) |
| 7 | ORDER\_DETAIL (ID\_ORDER) | **→** | ORDER (ID\_ORDER) |
| 8 | ORDER\_DETAIL (ID\_FOOD) | **→** | FOOD (ID\_FOOD) |
| 9 | FOOD (ID\_ADDON) | **→** | ADDON (ID\_ADDON) |
| 10 | FOOD (ID\_SIZE) | **→** | SIZE (ID\_SIZE) |
| 11 | FOOD (ID\_FOOD\_TYPE) | **→** | FOOD\_TYPE (ID\_FOOD\_TYPE) |
| 12 | ORDER (ID\_DISCOUNT) | **→** | DISCOUNT (ID\_DISCOUNT) |
| 13 | ORDER (ID\_USER) | **→** | USER (ID\_USER) |
| 14 | REFUND (ID\_ORDER) | **→** | ORDER (ID\_ORDER) |