**MÔ HÌNH DỮ LIỆU MỨC LUẬN LÝ**

1. MON AN (**MA MON AN**, MA LOAI, TEN)

2. LOAI MON AN (**MA LOAI**, TEN LOAI)

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

4. CHI TIET THUC DON(**ID\_DISCOUNT**, CODE, PERCENT, VALIDDATE)

5. HOA DON (**ID\_FOOD\_TYPE**, NAME)

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

7. TAI KHOANG (**ID\_ORDER, ID\_FOOD**, NUMBER)

8. NGUYEN LIEU(**ID\_ADDON**, NAME, PRICE)

9. CHI TIET NGUYEN LIEU (**ID\_SIZE**, NAME, PRICE)

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

11. CHI TIET PHIEU NHAP (**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. TIEC (**ID\_USER**, **ID\_ORDER**, TOTAL\_PRICE, CARD\_EXP, CARD\_NAME, CARD\_NUMBER, STATUS)

13. SANH

14.KHUYEN MAI

15.CHI TIET KHUYEN MAI

\* 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 | TAI KHOANG (MA\_THANH\_VIEN)1 | **→** | THANH VIEN (MA\_THANH\_VIEN) |
| 2 | HOA\_DON(MA\_BUA\_TIEC) 4 | **→** | TIEC (MA\_BUA\_TIEC) |
| 3 | SANH ((MA\_BUA\_TIEC)5 | **→** | TIEC (MA\_BUA\_TIEC) |
| 4 | CHI\_TIET\_KHUYEN\_MAI(MA\_KHUYEN\_MAI) | **→** | KHUYEN\_MAI (MA\_KHUYEN\_MAI) |
| 5 | CHI\_TIET\_KHUYEN\_MAI(MA\_BUA\_TIEC) | **→** | TIEC(MA\_BUA\_TIEC) |
| 6 | CHI\_TIET\_THUC\_DON (MA\_THUC\_DON) | **→** | THUC DON (MA\_THUC\_DON) |
| 7 | CHI\_TIET\_THUC\_DON  (MA\_MON\_AN) | **→** | MON\_AN (MA\_MON\_AN) |
| 8 | MON\_AN(MA\_LOAI) 2 | **→** | LOAI\_MON\_AN  (MA\_LOAI) |
| 9 | CHI\_TIET\_NGUYEN\_LIEU (MA\_MON\_AN) | **→** | MON\_AN (MA\_MON\_AN) |
| 10 | CHI\_TIET\_NGUYEN\_LIEU (MA\_NGUYEN\_LIEU) | **→** | NGUYEN\_LIEU (MA\_NGUYEN\_LIEU) |
| 11 | CHI\_TIET\_PHIEU\_NHAP (MA\_PHIEU\_NHAP) | **→** | PHIEU\_NHAP (MA\_PHIEU\_NHAP) |
| 12 | CHI\_TIET\_PHIEU\_NHAP (MA\_NGUYEN\_LIEU) | **→** | NGUYEN\_LIEU (MA\_NGUYEN\_LIEU) |
| 13 | HOA\_DON (MA\_THANH\_VIEN) 4 | **→** | THANH VIEN (MA\_THANH\_VIEN) |
| 14 | TIEC(MA\_THUC\_DON) 3 | **→** | THUC\_DON (MA\_THUC\_DON) |
|  |  |  |  |

| STT | Tên thuộc tính | Kiểu | Kích thước | Khóa chính | Duy nhất | Not Null | Min | Max | Giá trị mặc nhiên | Số chữ số thập phân | Miền giá trị | Ràng buộc toàn vẹn luận lý | Khóa ngoài | Diễn giải |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | MA\_SAN\_PHAM | char | 5 | X |  |  |  |  |  |  |  |  | SAN\_PHAM | Mã\_sản\_phẩm |
| 2 | NGAY | datetime | 12 |  |  |  |  |  |  |  |  | THOI\_DIEM | ngày |
| 3 | GIA\_BAN | money |  |  |  | x |  |  |  |  |  |  |  | Giá bán |