|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Entity | 1NF | 2NF | 3NF | BCNF | 4NF | 5NF |
| rol | X | X | X | X | X | PENDIENTE |
| user\_authority | X | X | X | X | X | PENDIENTE |
| user | X | X | X | X | X | PENDIENTE |
| customer | X | X |  |  |  | PENDIENTE |
| customer\_user | X | X |  |  |  | PENDIENTE |
| category | X | X |  |  |  | PENDIENTE |
| document\_type | X | X |  |  |  | PENDIENTE |
| invoice | X | X |  |  |  | PENDIENTE |
| payment | X | X |  |  |  | PENDIENTE |
| product | X | X |  |  |  | PENDIENTE |
| product\_order\_buy | X | X |  |  |  | PENDIENTE |
| purchase\_order | X | X |  |  |  | PENDIENTE |
| sale\_detail | X | X |  |  |  | PENDIENTE |
| sales\_order | X | X |  |  |  | PENDIENTE |
| Shipping | X | X |  |  |  | PENDIENTE |
| supplier | X | X |  |  |  | PENDIENTE |
| user\_authority | X | X |  |  |  | PENDIENTE |

1fn: valores atómicos, llave primaria

2fn: atributos que no son clave dependen solo de primaria

3fn: no dependencia funcional transitiva

Bcfn: atributos no llave no dependencia trivial (único)

4fn: dependencia multivaluada a partir de 3 o más relaciones identificables a la misma entidad