User:

| 字段 | 类型 | 可空 | 默认值 | 索引 | 唯一 | 说明 |
| --- | --- | --- | --- | --- | --- | --- |
| id | int | N | increment | Y | Y |  |
| nr | string | N |  | Y | Y |  |
| name | string | N |  |  |  |  |
| email | string |  |  |  |  |  |
| role | int |  |  | Y |  |  |

Location: 地点

真实地理位置的划分，可分级

| 字段 | 类型 | 可空 | 默认值 | 索引 | 唯一 | 说明 |
| --- | --- | --- | --- | --- | --- | --- |
| id | int | N | increment | Y | Y |  |
| nr | string | N |  | Y | Y |  |
| name | string | N |  |  |  |  |
| description | string |  |  |  |  |  |
| parent\_id | int |  |  | Y |  |  |

Warehouse: 仓库

可分级

| 字段 | 类型 | 可空 | 默认值 | 索引 | 唯一 | 说明 |
| --- | --- | --- | --- | --- | --- | --- |
| id | int | N | increment | Y | Y |  |
| nr | string | N |  | Y | Y |  |
| name | string | N |  |  |  |  |
| description | string |  |  |  |  |  |
| type | int | N |  |  |  |  |
| parent\_id | int |  |  | Y |  |  |
| location\_id | int | N |  | Y |  |  |

Position:

| 字段 | 类型 | 可空 | 默认值 | 索引 | 唯一 | 说明 |
| --- | --- | --- | --- | --- | --- | --- |
| id | int | N | increment | Y | Y |  |
| nr | string | N |  | Y | Y |  |
| name | string | N |  |  |  |  |
| description | string |  |  |  |  |  |
| warehouse\_id | int |  |  | Y |  |  |

Storage:

| 字段 | 类型 | 可空 | 默认值 | 索引 | 唯一 | 说明 |
| --- | --- | --- | --- | --- | --- | --- |
| id | int | N | increment | Y | Y |  |
| part\_id | int | N |  | Y | Y |  |
| fifo | datetime | N |  |  |  |  |
| quantity | float |  |  |  |  |  |
| package\_nr | string |  |  |  |  |  |
| uniq\_nr | string |  |  |  |  |  |
| position\_id | int |  |  |  |  |  |
| warehouse\_id | int |  |  | Y |  |  |

MoveType:

| 字段 | 类型 | 可空 | 默认值 | 索引 | 唯一 | 说明 |
| --- | --- | --- | --- | --- | --- | --- |
| id | int | N | increment | Y | Y |  |
| nr | string | N |  | Y | Y |  |
| description | string |  |  |  |  |  |

Movement:

| 字段 | 类型 | 可空 | 默认值 | 索引 | 唯一 | 说明 |
| --- | --- | --- | --- | --- | --- | --- |
| id | int | N | increment | Y | Y |  |
| part\_id | int | N |  | Y | Y |  |
| fifo | datetime | N |  |  |  |  |
| quantity | float |  |  |  |  |  |
| package\_nr | string |  |  |  |  |  |
| uniq\_nr | string |  |  |  |  |  |
| from\_position\_id | int |  |  |  |  |  |
| from\_warehouse\_id | int |  |  | Y |  |  |
| to\_position\_id | int |  |  |  |  |  |
| to\_warehouse\_id | int |  |  | Y |  |  |
| move\_type\_id | int |  |  |  |  |  |
| user\_id | int |  |  |  |  |  |

PartType:

| 字段 | 类型 | 可空 | 默认值 | 索引 | 唯一 | 说明 |
| --- | --- | --- | --- | --- | --- | --- |
| id | int | N | increment | Y | Y |  |
| nr | string | N |  | Y | Y |  |
| name | string | N |  |  |  |  |
| description | string |  |  |  |  |  |

Color:

| 字段 | 类型 | 可空 | 默认值 | 索引 | 唯一 | 说明 |
| --- | --- | --- | --- | --- | --- | --- |
| id | int | N | increment | Y | Y |  |
| nr | string | N |  | Y | Y |  |
| name | string | N |  |  |  |  |
| short\_name | string |  |  |  |  |  |
| description | string |  |  |  |  |  |

UnitGroup:

| 字段 | 类型 | 可空 | 默认值 | 索引 | 唯一 | 说明 |
| --- | --- | --- | --- | --- | --- | --- |
| id | int | N | increment | Y | Y |  |
| nr | string | N |  | Y | Y |  |
| name | string | N |  |  |  |  |
| description | string |  |  |  |  |  |

Unit:

| 字段 | 类型 | 可空 | 默认值 | 索引 | 唯一 | 说明 |
| --- | --- | --- | --- | --- | --- | --- |
| id | int | N | increment | Y | Y |  |
| nr | string | N |  | Y | Y |  |
| name | string | N |  |  |  |  |
| short\_name | string |  |  |  |  |  |
| description | string |  |  |  |  |  |
| unit\_group\_id | int |  |  |  |  |  |

Part

| 字段 | 类型 | 可空 | 默认值 | 索引 | 唯一 | 说明 |
| --- | --- | --- | --- | --- | --- | --- |
| id | int | N | increment | Y | Y |  |
| nr | string | N |  | Y | Y |  |
| name | string | N |  |  |  |  |
| description | string |  |  |  |  |  |
| short\_description | string |  |  |  |  |  |
| part\_type\_id | int |  |  | Y |  |  |
| color\_id | int |  |  |  |  |  |
| measure\_unit\_id | int |  |  |  |  |  |
| purchase\_unit\_id | int |  |  |  |  |  |
| custom\_nr | string |  |  |  |  |  |
| cross\_section | float |  |  |  |  | 截面 |
| weight | float |  |  |  |  | 净重，KG |

PartPosition

| 字段 | 类型 | 可空 | 默认值 | 索引 | 唯一 | 说明 |
| --- | --- | --- | --- | --- | --- | --- |
| id | int | N | increment | Y | Y |  |
| part\_id | int | N |  | Y | Y |  |
| position\_id | int | N |  |  |  |  |
| safe\_stock | float |  |  |  |  | 安全库存 |
| from\_warehouse\_id | int |  |  |  |  | 自动要货、发货仓库 |
| from\_position\_id | int |  |  |  |  | 自动要货、发货仓库位 |

OrderCar

| 字段 | 类型 | 可空 | 默认值 | 索引 | 唯一 | 说明 |
| --- | --- | --- | --- | --- | --- | --- |
| id | int | N | increment | Y | Y |  |
| nr | string | N |  |  |  |  |
| rfid\_nr | string | Y |  |  |  |  |
| status | int |  |  |  |  | 料车状态 |
| warehouse\_id | int |  |  |  |  | 属于仓库（部门） |

OrderBox

| 字段 | 类型 | 可空 | 默认值 | 索引 | 唯一 | 说明 |
| --- | --- | --- | --- | --- | --- | --- |
| id | int | N | increment | Y | Y |  |
| nr | string | N |  |  |  |  |
| rfid\_nr | string | Y |  |  |  |  |
| status | int |  |  |  |  | 料盒状态 |
| part\_id | int |  |  |  |  | 要货零件 |
| quantity | float |  |  |  |  | 要货数量 |
| warehouse\_id | int |  |  |  |  | 属于仓库（部门） |
| source\_warehouse\_id | int |  |  |  |  | 发货仓库 |
| order\_box\_type\_id | int |  |  |  |  |  |

OrderBoxType

| 字段 | 类型 | 可空 | 默认值 | 索引 | 唯一 | 说明 |
| --- | --- | --- | --- | --- | --- | --- |
| id | int | N | increment | Y | Y |  |
| name | string | N |  |  |  |  |
| description | string | Y |  |  |  |  |

Order

| 字段 | 类型 | 可空 | 默认值 | 索引 | 唯一 | 说明 |
| --- | --- | --- | --- | --- | --- | --- |
| id | int | N | increment | Y | Y |  |
| nr | string | N |  |  |  |  |
| user\_id | String | N |  |  |  |  |
| status | int |  |  |  |  | 订单状态 |
| orderable\_id | int |  |  |  |  | 发货仓库 |
| orderable\_type | string |  |  |  |  | 要货库位 |
| remark | string |  |  |  |  |  |

| 字段 | 类型 | 可空 | 默认值 | 索引 | 唯一 | 说明 |
| --- | --- | --- | --- | --- | --- | --- |
| id | int | N | increment | Y | Y |  |
| order\_id | int | N |  | Y |  |  |
| status | int | N |  |  |  |  |
| user\_id | String | N |  | Y |  |  |
| quantity | float |  |  |  |  |  |
| part\_id | int |  |  |  |  |  |
| orderable\_id | int |  |  |  |  | 订单项状态 |
| orderable\_type | string |  |  | Y |  |  |
| is\_emergency | boolean | N |  |  |  |  |
| remark | string |  |  |  |  |  |

OrderItem

Pick

| 字段 | 类型 | 可空 | 默认值 | 索引 | 唯一 | 说明 |
| --- | --- | --- | --- | --- | --- | --- |
| id | int | N | increment | Y | Y |  |
| user\_id | String | N |  |  |  |  |
| status | int |  |  |  |  | 择货单状态 |
| warehouse\_id | int |  |  |  |  | 取料仓库 |
| remark | string |  |  |  |  |  |

PickItem

| 字段 | 类型 | 可空 | 默认值 | 索引 | 唯一 | 说明 |
| --- | --- | --- | --- | --- | --- | --- |
| id | int | N | increment | Y | Y |  |
| part\_id | int |  |  |  |  |  |
| warehouse\_id | int |  |  |  |  |  |
| position\_id | int |  |  |  |  |  |
| quantity | float |  |  |  |  |  |
| is\_emergency | boolean | N |  |  |  |  |
| order\_item\_id | int |  |  | Y |  | 订单项id |
| status | int |  |  |  |  |  |
| pick\_id | int | N |  | Y |  |  |
| remark | string |  |  |  |  |  |

PickOrder

| 字段 | 类型 | 可空 | 默认值 | 索引 | 唯一 | 说明 |
| --- | --- | --- | --- | --- | --- | --- |
| id | int | N | increment | Y | Y |  |
| pick\_id | int | N |  |  |  |  |
| order\_id | int |  |  |  |  | 择货单状态 |