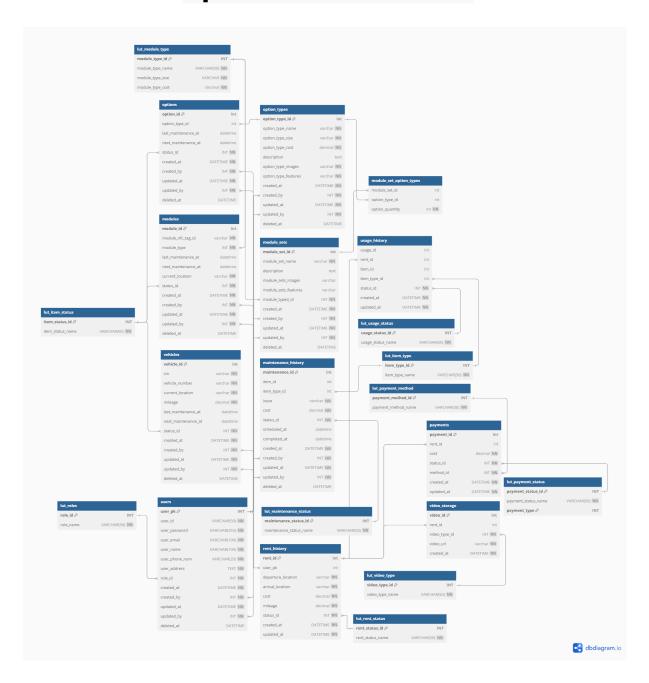


: 선택

업데이트 v6 updated 2025.01.26



변경사항

- 1. Look Up Table 적용
- 2. snake_case 적용
- 3. create_at, create_by, updated_at, updated_by, deleted_at 적용

```
Table lut_roles {
 role_id INT [pk, increment]
 role_name VARCHAR(50) [unique, not null, note:"master, semi, user"]
}
Table lut_item_status {
 item_status_id INT [pk, increment]
 item_status_name VARCHAR(50) [unique, not null, note: "active, inactive, ma
}
Table lut_item_type {
 item_type_id INT [pk, increment]
 item_type_name VARCHAR(50) [unique, not null, note: "vehicle, module, opti
}
Table lut_module_type {
 module_type_id INT [pk, increment]
 module_type_name VARCHAR(50) [unique, not null, note: "small, medium, lar
 module_type_size VARCHAR [not null]
 module_type_cost decimal [not null, note: "cost >= 0"]
}
Table lut_maintenance_status {
 maintenance_status_id INT [pk, increment]
 maintenance_status_name VARCHAR(50) [unique, not null, note: "pending, ir
}
Table lut_usage_status {
 usage_status_id INT [pk, increment]
 usage_status_name VARCHAR(50) [unique, not null, note: "in_use, completed
```

```
}
Table lut_rent_status {
 rent_status_id INT [pk, increment]
 rent_status_name VARCHAR(50) [unique, not null, note:"in_progress, comple
}
Table lut_video_type {
 video_type_id INT [pk, increment]
 video_type_name VARCHAR(50) [unique, not null, note: "module, autonomou
}
Table lut_payment_status {
 payment_status_id INT [pk, increment]
 payment_status_name VARCHAR(50) [unique, not null]
 payment_type INT [pk, increment]
}
Table lut_payment_method {
 payment_method_id INT [pk, increment]
 payment_method_name VARCHAR(50) [unique, not null]
}
Table users {
 user_pk INT [pk, increment]
 user_id VARCHAR(50) [unique, not null]
 user_password VARCHAR(255) [not null, note: 'encrypted']
 user_email VARCHAR(100) [unique, not null]
 user_name VARCHAR(100) [not null]
 user_phone_num VARCHAR(20) [not null]
 user_address TEXT [not null]
 role_id INT [not null, ref: > lut_roles.role_id]
 created_at DATETIME [not null, default: `now()`]
 created_by INT [not null, ref: > users.user_pk, note: '생성한 사용자']
 updated_at DATETIME [not null, default: `now()`]
```

```
updated_by INT [not null, ref: > users.user_pk, note: '수정한 사용자']
 deleted_at DATETIME [null, note: '소프트 삭제를 위한 필드']
 indexes {
  user_id
  user_email
  user_phone_num
 }
}
Table vehicles {
 vehicle_id int [pk, increment]
 vin varchar [unique, not null]
 vehicle_number varchar [unique, not null]
 current_location varchar [not null]
 mileage decimal [not null, default: 0]
 last_maintenance_at datetime
 next_maintenance_at datetime
 status_id INT [not null, ref: > lut_item_status.item_status_id]
 created_at DATETIME [not null, default: `now()`]
 created_by INT [not null, ref: > users.user_pk, note: '생성한 사용자']
 updated_at DATETIME [not null, default: `now()`]
 updated_by INT [not null, ref: > users.user_pk, note: '수정한 사용자']
 deleted_at DATETIME [null, note: '소프트 삭제를 위한 필드']
 indexes {
  vin
  vehicle_number
  status_id
 }
}
Table modules {
 module_id int [pk, increment]
 module_nfc_tag_id varchar [unique, not null]
 module_type INT [not null, ref: > lut_module_type.module_type_id]
 last_maintenance_at datetime
 next_maintenance_at datetime
```

```
current_location varchar [not null]
 status_id INT [not null, ref: > lut_item_status.item_status_id]
 created_at DATETIME [not null, default: `now()`]
 created_by INT [not null, ref: > users.user_pk, note: '생성한 사용자']
 updated_at DATETIME [not null, default: `now()`]
 updated_by INT [not null, ref: > users.user_pk, note: '수정한 사용자']
 deleted_at DATETIME [null, note: '소프트 삭제를 위한 필드']
 indexes {
  module_nfc_tag_id
  status_id
 }
}
Table options {
 option_id int [pk, increment]
 option_type_id int [ref: > option_types.option_type_id]
 last_maintenance_at datetime
 next_maintenance_at datetime
 status_id INT [not null, ref: > lut_item_status.item_status_id]
 created_at DATETIME [not null, default: `now()`]
 created_by INT [not null, ref: > users.user_pk, note: '생성한 사용자']
 updated_at DATETIME [not null, default: `now()`]
 updated_by INT [not null, ref: > users.user_pk, note: '수정한 사용자']
 deleted_at DATETIME [null, note: '소프트 삭제를 위한 필드']
 indexes {
  option_type_id
  status_id
 }
}
Table option_types {
 option_type_id int [pk, increment]
 option_type_name varchar [not null]
 option_type_size varchar [not null]
 option_type_cost decimal [not null, note: "optionCost >= 0"]
 description text
```

```
option_type_images varchar [not null]
 option_type_features varchar [not null]
 created_at DATETIME [not null, default: `now()`]
 created_by INT [not null, ref: > users.user_pk, note: '생성한 사용자']
 updated_at DATETIME [not null, default: `now()`]
 updated_by INT [not null, ref: > users.user_pk, note: '수정한 사용자']
 deleted_at DATETIME [null, note: '소프트 삭제를 위한 필드']
 indexes {
  option_type_name
 }
}
Table module_sets {
 module_set_id int [pk, increment]
 module_set_name varchar [not null]
 description text
 module_sets_images varchar
 module_sets_features varchar
 module_typed_id INT [not null, ref: > lut_module_type.module_type_id]
 created_at DATETIME [not null, default: `now()`]
 created_by INT [not null, ref: > users.user_pk, note: '생성한 사용자']
 updated_at DATETIME [not null, default: `now()`]
 updated_by INT [not null, ref: > users.user_pk, note: '수정한 사용자']
 deleted_at DATETIME [null, note: '소프트 삭제를 위한 필드']
 indexes {
  module_set_name
 }
}
Table module_set_option_types {
 module_set_id int [ref: > module_sets.module_set_id]
 option_type_id int [ref: > option_types.option_type_id]
 option_quantity int [not null, note: "option_quantity > 0"]
 indexes {
  (module_set_id, option_type_id)
```

```
}
}
Table maintenance_history {
 maintenance_id int [pk, increment]
 user_pk int [ref: > users.user_pk]
 item_id int
 item_type_id int [ref: > lut_item_type.item_type_id]
 issue varchar [not null]
 cost decimal [not null, note: "cost >= 0"]
 status_id INT [not null, ref: > lut_maintenance_status.maintenance_status_id]
 scheduled_at datetime
 completed_at datetime
 created_at DATETIME [not null, default: `now()`]
 created_by INT [not null, ref: > users.user_pk, note: '생성한 사용자']
 updated_at DATETIME [not null, default: `now()`]
 updated_by INT [not null, ref: > users.user_pk, note: '수정한 사용자']
 deleted_at DATETIME [null, note: '소프트 삭제를 위한 필드']
 indexes {
  item_id
  item_type_id
  status_id
 }
}
Table usage_history {
 rent_id int [ref: > rent_history.rent_id]
 item_id int
 item_type_id int [ref: > lut_item_type.item_type_id]
 status_id INT [not null, ref: > lut_usage_status.usage_status_id]
 created_at DATETIME [not null, default: `now()`]
 updated_at DATETIME [not null, default: `now()`]
 indexes {
  item_id
  item_type_id
  status_id
```

```
}
}
Table rent_history {
 rent_id int [pk, increment]
 user_pk int [ref: > users.user_pk]
 departure_location varchar [not null]
 arrival_location varchar [not null]
 cost decimal [not null, note: "baseCost >= 0"]
 mileage decimal [not null, default: 0, note: "mileage >= 0"]
 status_id INT [not null, ref: > lut_rent_status.rent_status_id]
 created_at DATETIME [not null, default: `now()`]
 updated_at DATETIME [not null, default: `now()`]
 indexes {
  user_pk
 }
}
Table payments {
 payment_id int [pk, increment]
 rent_id int [ref: > rent_history.rent_id]
 cost decimal [not null, note: "cost > 0"]
 status_id INT [not null, ref: > lut_payment_status.payment_status_id]
 method_id INT [not null, ref: > lut_payment_method.payment_method_id]
 created_at DATETIME [not null, default: `now()`]
 updated_at DATETIME [not null, default: `now()`]
 indexes {
  rent_id
 }
}
Table video_storage {
 video_id int [pk, increment]
 rent_id int [ref: > rent_history.rent_id]
 video_type_id INT [not null, ref: > lut_video_type.video_type_id]
 video_url varchar [not null]
```

```
created_at DATETIME [not null, default: `now()`]
indexes {
  rent_id
  video_type_id
  }
}
```