Database Design Documentation – IDMProject

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1. Database design mmd format

```
erDiagram
    m_province ||--o{ m_branches : contains
    m_branches ||--o{ m_store : contains

    m_province {
        int id PK
        string province_name
        string alt_name "nullable"

        datetime created_at
        string created_by
        datetime updated_at "nullable"
        string updated_by "nullable"
        datetime deleted_at "nullable"
        string deleted_by "nullable"
    }
    m_branches {
        int id PK
        string name
        datetime deleted_at "nullable"
        int province_id FK

        datetime created_at
        string created_by
        datetime updated_at "nullable"
        string updated_by "nullable"
        datetime deleted_at "nullable"
        string deleted_by "nullable"
    }
    m_store {
        int id PK
        string name
        string address "nullable"
        string telp "nullable"
        string post_code "nullable"
        boolean is_whitelist "true/false"
        int branch_id FK

        datetime created_at
```

```
        string created_by
        datetime updated_at "nullable"
        string updated_by "nullable"
        datetime deleted_at "nullable"
        string deleted_by "nullable"
    }
```

2. ERD

m_province

int	id	PK	
string	province_name		
string	alt_name		nullable
datetime	created_at		
string	created_by		
datetime	updated_at		nullable
string	updated_by		nullable
datetime	deleted_at		nullable
string	deleted_by		nullable

contains

m_branches

int	id	PK	
string	name		
datetime	deleted_at		nullable
int	province_id	FK	
datetime	created_at		
string	created_by		
datetime	updated_at		nullable
string	updated_by		nullable
datetime	deleted_at		nullable
string	deleted_by		nullable

contains

m_store

int	id	PK	
string	name		
string	address		nullable
string	telp		nullable
string	post_code		nullable
boolean	is_whitelist		true/false
int	branch_id	FK	
datetime	created_at		
string	created_by		
datetime	updated_at		nullable
string	updated_by		nullable
datetime	deleted_at		nullable
string	deleted_by		nullable