**SQL Documentation**

1. **Database Overview**

* Nama Database: token
* Tujuan Database: untuk menyimpan data pengguna
* Jumlah Tabel: 1

1. **Tabel Dalam Database**

* Tabel: users

|  |  |  |  |
| --- | --- | --- | --- |
| Kolom | Tipe Data | Constraint | Deskripsi |
| id | int | primary key, auto increment | ID unik untuk pengguna |
| username | varchar(50) | unique, not null | Username pengguna |
| Password | varchar(255) | not null | Password (hashed) |
| Role | varchar(255) | not null | Role pengguna |
| created\_at | timestamp | default current\_timestamp | Waktu Pembuatan akun |
| updated\_at | timestamp | null | Waktu upadate akun |

1. **Query SQL**
2. **Tabel user**
3. **Menambahkan Data**

* Endpoint: /api/v1/users
* Method: POST
* Sql Query:

|  |
| --- |
| INSERT INTO users (username, password, role, created\_at, updated\_at) VALUES ('John', 'hashed\_password', 'user', 'current timestamp', null ); |

1. **Mengupdate Data (ex: update username)**

* Endpoint: /api/v1/users/{id}
* Method: PUT
* Sql Query:

|  |
| --- |
| UPDATE users SET username = 'doe' WHERE id = 1; |

1. **Menghapus Data**

* Endpoint: /api/v1/users/{id}
* Method: DELETE
* Sql Query:

|  |
| --- |
| DELETE FROM users WHERE id = 1; |

1. **Mengambil Semua Data Pengguna**

* Endpoint: /api/v1/users
* Method: GET
* Sql Query:

|  |
| --- |
| SELECT \* FROM users; |

1. **Mendapatkan Data Pengguna Berdasarkan id**

* Endpoint: /api/v1/users/{id}
* Method: GET
* Sql Query:

|  |
| --- |
| SELECT \* FROM users WHERE id = 1; |