**SQL NAMING CONVENTIONS**

**~ EMMA PROJECT ~**

* **Table or View**

1. **Table Name :**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Table Type** | **Table Code** | **Example** |
| 1. | Master | mst | mst\_employee |
| 2. | Transaction | trn | trn\_attendance |
| 3. | History / Log | hst | hst\_user\_login |
| 4. | Temporary | tmp | tmp\_message\_input |
| 5. | Report | rpt | rpt\_attendance |
| 6. | Warehouse | wms | wms\_employee |
| 7. | View | v | Add v before table name : v\_mst\_customer |

1. **Table Structure :**

* Using **parameter** column name **(id, no, name, date)**, e.g: employee\_**id**, login\_**date**
* Using **primary key** and **foreign key**, e.g: trn\_attendance **(primary: attendance\_id, foreign: employee\_id)**
* Using **index**
* Using **constraint**
* Prepare **5-8 blank columns** for unexpected needs
* Create relational database model for **documentation**

1. **Table Manipulate :**

|  |  |  |
| --- | --- | --- |
| **No.** | **Table Type** | **CRUD** |
| 1. | Master | C, R, U ~Flag (Default: **True**) |
| 2. | Transaction | C, R, U, D |
| 3. | History / Log | C, R |
| 4. | Temporary | C, R, D |
| 5. | Report | C, R, D |
| 6. | Warehouse | C, R |
| 7. | View | R |

* **Tablespace**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Table Type** | **Tablespace Rules** | |
| **Data** | **Index** |
| 1. | Master | tbs\_mst\_data | tbs\_mst\_index |
| 2. | Transaction | tbs\_trn\_data | tbs\_trn\_index |
| 3. | History / Log | tbs\_hst\_data | tbs\_hst\_index |
| 4. | Temporary | tbs\_tmp\_data | tbs\_tmp\_index |
| 5. | Report | tbs\_rpt\_data | tbs\_rpt\_index |
| 6. | Warehouse | tbs\_wms\_data | tbs\_wms\_index |

* **Programming SQL**

|  |  |  |
| --- | --- | --- |
| **No.** | **Programming Type** | **Naming** |
| 1. | Procedure | proc |
| 2. | Function | func |
| 3. | Trigger | trig |