DATABASE NAMING CONVENTIONS

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# Tables

* + Use the **lower\_case\_table\_names**:
    - **sprint**
    - **sprint\_state**
    - **security\_user\_persmission**
  + If a table is used to create a many-to-many relationship between two tables, both source table names should be used in the associative table name:
    - **user\_project**
    - **user\_role**
  + Abbreviated names should be avoided.
  + **AVOID:**
    - ~~stu~~ - (unnecessary abbreviation)
    - ~~ms\_sched~~ - (unnecessary abbreviation)
    - ~~MASTER\_SCHEDULE~~ - (upper case)
    - ~~MasterSchedue~~ - (camel case and no underscore between words)

# Columns

* + Use the **lower\_case\_column\_names**:
    - **description**
    - **end\_date**
    - ~~ProjectId, projectId~~ 🡪 BAD
    - ~~Project\_Id, project\_ID~~ 🡪 BAD
  + Primary key: isn’t suffixed by table name
    - **id** 🡪 GOOD
    - ~~sprint\_id~~ 🡪 BAD
  + Foreign key: suffixed by foreign table name
    - **project\_id**
    - **state\_id**
  + Abbreviated names should be avoided:
    - ~~ID, Id~~ 🡪 BAD
    - ~~plan\_est~~ 🡪 BAD
    - **plan\_estimation**

# Foreign Key Constraints

* + Use the **lower\_case\_names**
  + Always begin with **fk\_** followed by the parent and child table name:
    - **fk\_ sprint\_sprint\_state**