Coding Guidelines

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# Introduction

This document describes the guidelines followed to make sure everything is convenient and meets the standards.

# General

This section applies to any scope whether it is about programming or database:

1. Spelling check should occur; for example:
   1. Variables
   2. Class names
   3. Table names
   4. Column names
2. Classes and Tables which represent an entity must be Singular.

# Database

This section shows if the standards to be followed in case of a specific DBMS is chosen.

## PostgreSQL

1. Column names should be in lower case.
2. In case the column name is composed of multiple words, they should be separated by underscores.
3. Stored procedures must be prefixed with usp\_<Entity>.

## SQL Server

1. Column names should be in Pascal Case.
2. Stored procedures must be prefixed with usp\_<Entity>.
3. Functions must be prefixed with ufn\_<Entity>.

# Programming

1. Lower Camel Case should be used for naming variables.
2. Pascal Case should be used for naming methods.
3. Comments should be provided along the code.
4. Summary should be provided for methods, properties, and classes.