OES SQL Coding Standards

1. **SQL Naming Conventions**

Conventions for naming variables and entities in SQL.

* General Guidelines

1. The more public the name is, the more strictly the rules should be applied.
2. Spell out everything. Avoid abbreviations.
3. Include comments describing the purpose of the variable, function, trigger, etc.
4. Don’t use unnecessary capital letters except for *variables*.
5. Use underscores eg. @online\_payment\_status.
6. Try to make the code as user friendly as possible. Eg. @x=10; should be written as @x = 10;
7. The code should be easily readable by other team members.

* File System

1. Create different sql file scripts for each of the modules.
2. A new file or each select statement script as it would be handy for the java team to include in the code.
3. Create a separate file for cursors, triggers, functions, etc. related to the module.
4. Use naming convention as follows

For a new module1 :

module1.sql

For create table, select statements, cursors, functions, triggers, stored procedures :

1. create\_tables.sql
2. select\_statements.sql
3. cursors.sql
4. functions.sql
5. stored\_procedures.sql
6. triggers.sql

* Directory Structure

1. Create a separate folder for each of the modules. Inside that create 6 new folders which will hold create table, select statements, cursors, functions, triggers, stored procedures.
2. Inside each of the folder, place the required scripts.
3. Refer the directory structure template that is shared.