

Database Design

Creating Tables for the Final Presentation

Objectives

This lesson covers the following objectives:

- Create sample tables from the final project presentation ERD
- Insert sample data to the created tables
- Produce query output using Oracle Application Express (OAE)

Purpose

It's time to bring your data model to life. Being able to see your conceptual model become a physical table is very rewarding.

Documents showing sample data from tables are a great way to give the client an idea of what the database will look like.

Table Instance Chart

Table instance charts help you map out a table before creating it in the database. It makes the job of writing the SQL statements easier and will help eliminate time-consuming mistakes.

Table Name: STUDENTS

Column Name	id	first_name	last_name	birth_date
Key Type	pk			
Nulls/Unique	*	*	*	o
Sample Data	10	Anna	Choi	12-Dec-1985
	14	Jason	Cruz	03-Jun-1986
	25	Natacha	Hansen	12-Dec-1985

STUDENT

id
* first name
* last name
o birth date

Summary

In this lesson, you should have learned how to:

- Create sample tables from the final project presentation ERD
- Insert sample data to the created tables
- Produce query output using Oracle Application Express (OAE)