

Database Design

Adding the Time Element to an ERD

Objectives

This lesson covers the following objectives:

- Apply the rule of using DATE as an entity successfully
- Modify an ERD to accommodate new design requirements
- Identify and design possible reports that can be produced from the data; explain how the information from these reports could be useful to the business

Purpose

Historical data is often used by businesses to find trends that can point the way to more efficient ways of doing business. Modeling time in a business allows such data to be captured.

Reports provide information that can be derived from the data. A well-designed report can provide valuable information that the business can use to improve its operations.

Business Scenario

View how the director of the animal shelter provides new business requirements.

Summary

In this lesson, you should have learned how to:

- Apply the rule of using DATE as an entity successfully
- Modify an ERD to accommodate new design requirements
- Identify and design possible reports that can be produced from the data; explain how the information from these reports could be useful to the business