In this chapter we will demonstrate the usage of development tools provided by Oracle™ Developer. The tools help users create forms, queries, projects, and other applications needed for practical purposes. Notice that we use Oracle™ Developer 6.0 for this chapter. Newer versions will have more features. Before demonstrating the usage of Oracle™ Developer, we will present another case study whose database has to be developed first.

**Problem Description**

National Ltd. is a major retail-chain company. Being the market leader in the retail industry, National has been urged to give extra attention to its database system. The excellence of the database system helps National in controlling its inventory better, in providing better service to the customer before and after transactions, and in maintaining its huge collection of internal organizational data.

Currently, National has six major retail companies under it. Three of them concentrate on food and daily goods, which are called Company Type 1, and the other three focus their business on clothing, housing furniture, and appliances, which are called Company Type 2. Figure 8.1 shows the details for each company.
While the first three are Type 1 companies that are segmented based on the operational state, the last three are Type 2 companies that are segmented based on the income of the market. Among Company Type 1, OZ Buyer operates in NSW and ACT, Goodies covers VIC, SA, and TAS, while Super Mart has a very wide operation area from QLD, NT, and WA. Among the other three companies, Housemate is in the lower market, Piglet is in the middle market, and Liz and Neil is in the upper market. The data stored in this database is shown in Figure 8.2.

As the size of each company has expanded tremendously in the last 5 years, National has decided to have different shares listed for each company. The information about the shareholders is kept in the database system, which
Related Content

Meta-Knowledge Based Approach for an Interactive Visualization of Large Amounts of Association Rules
www.irma-international.org/chapter/meta-knowledge-based-approach-interactive/8444/

Modeling and Evaluating the Effects of Big Data Storage Resource Allocation in Global Scale Cloud Architectures
Enrico Barbierato, Marco Gribaudo and Mauro Iacono (2016). International Journal of Data Warehousing and Mining (pp. 1-20).

Acquiring Semantic Sibling Associations from Web Documents
www.irma-international.org/article/acquiring-semantic-sibling-associations-web/1795/

Cost Models for Selecting Materialized Views in Public Clouds
www.irma-international.org/article/cost-models-for-selecting-materialized-views-in-public-clouds/117156/

What-If Application Design Using UML
Matteo Golfarelli and Stefano Rizzi (2011). Integrations of Data Warehousing, Data Mining and Database Technologies: Innovative Approaches (pp. 287-306).
www.irma-international.org/chapter/application-design-using-uml/53080/