Case Study – Reverse engineering of an Oracle based retail application to Java platform for a Fortune 200 company

Project Description:

Open Retail System (ORS) integrates both front-end and back-office systems. Retail Solution consists of POS systems and back office systems like purchasing, stocking, sales and payments. It includes a loyalty management point card reward system.
The Open retail system was to be reverse engineered from Oracle Forms to Java/ JSF/ Spring/ iBatis. The system was to be converted from an older to new UI and given a fresh interactive look. Database was to be upgraded from Oracle 8i to Oracle 11g to improve the performance of the system.

Our responsibilities:

- Reverse Engineering of the Legacy System
- Enhancement of the POS system
- Design, Document and UI design
- Database design and enhancement of the point card reward system
- Implementation of the new System
- Implementation of the new Point Card Management System

Tools and Technologies:

Java, JSF, Spring, iBatis

Results:

The system has been implemented with a large retailer in Thailand and is under implementation in Malaysia.