

Redesigning Card Management System

The Client

The customer is a business unit of a NYSE listed company, which is a leading oilfield services company supplying technology, project management and information solutions that optimize performance for their customers working in the international oil and gas industry.

The Challenge

This project was aimed at enhancing the lifetime and manageability of Card Management System.

The Solution

Our team achieved this objective by redesigning the business and persistence layer, and the database. In the redesigned system, redundant Business Objects were removed and relationships were defined at the Business Objects layer and thereby modeling more closely to the real world scenario. The Persistence layer was re-factored to simplify common database tasks like create, update, retrieve and delete data from the relational database. The Database model was redesigned to remove redundant columns, add new columns, use composite primary keys and foreign keys and remove auto-generated ids.

The Benefits

- The project achieved the objective of enhancing the lifetime and manageability of Card Management System
- The project was executed at the India development center leading to significant cost advantages

The Technology