

# Case Study | Application Modernization



## Credit Scoring and Approvals for Financial Industry

### About Client

A multinational banking organization headquartered in Singapore, with branches mostly found in most South-east Asian countries.

### Technology Used

Java, Spring, SQL Server, and Hibernate

### Business Benefits

- Loan application turnaround time was improved
- Data Volume: 1 TB
- Number of Concurrent Users: 1000+
- Supports multiple products - Credit Card, Cash Plus, iCash and Mortgage Loans

### Business Challenges

- PowerLender Consumer Edition (PLCE) is the J2EE loan origination application where new applications are put up and routed for approval
- Initially, there were no scoring systems for housing loan applications and the approval of loan applications were based on a judgmental assessment of customer profile. This process took a long time for our client to approve the loan applications
- To keep pace with competitive nature of Housing Loan mortgage applications, our client asked us to enhance their application to improve turnaround time for credit assessment

### Solution Provided

- A generic interface with Credit Scoring Engine (CSE) was developed, and the same was used to facilitate credit scoring for Credit Card, Cash Plus, iCash, and Mortgage Loan applications
- Pre-validation and processing checks were analyzed and modified
- The application was enhanced to interface with NCB Gateway, SBS data mart, etc.

