

Abstract

During the trading of the securities, it is quite possible to have a trade executed with the discrepancy either on the cash or on the number of shares that you trade for. There was a need to account for all the Lending and Borrowing done, in case of the shortcoming in a trade to meet its obligations, either in number of shares or the Amount. The client GRP wanted to provide a facility wherein, in such a case the user trading through the GRP can borrow the deficit amount or deficit number of shares from the GRP and meet its obligations.

Challenges

- Building a plug gable module providing generic interfaces to interact With the external system if required.

Minimizing the risk of shortfalls in trading

Customer Quote

‘KPIT Cummins has shown great flexibility, professionalism as well as a cotinuous commitment to our deadlines, all along our year-long partnership, that we are now extending to the second phase of the project.’

Solution

AT KPIT Cummins we identified that we can have a complete plug gable piece of code for handling this Situation. Thus came into picture the Lending and Borrowing module. It is also known as LBR module. This module handles the management of all trades where Lending and borrowing of either cash or securities is being done. The module for the GRP specific case deals with the legacy system called Alaris, which actually accounts the traded amount or securities. Module has been developed in such a way that we can easily do away with the external system or replace the external system with any other system with little or not changes to the module.

Value

The risk of deficits in trading securities were minimized and also provided value to both us and the client in terms of gaining the domain expertise and also in augmenting the scope for furthering the relationships.

Methodologies

- Mix of Extreme Programming & Agile Development
- A 15 Days release cycle for project transparency

Tools & Technology mix

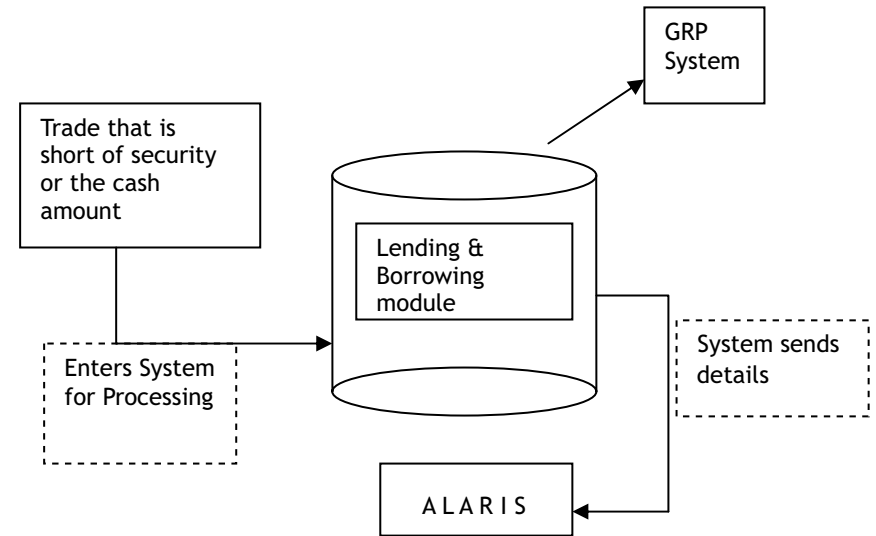
- Rational Rose, Jbuilder, Jboss, StarTeam,
- Maven, WIKI, Junit, DBUnit, Checkstyle

Three Tier Architecture

- Front End in - Java / J2EE
- Middleware in - Java / J2EE, TIBCO
- Backend - Oracle 9i

Engagement Structure

Engagement duration: 3 Months



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