GRAMMAR-BASED BUSINESS VALIDATION RULES TESTING APPLIED IN AUTO LOAN BANKING SYSTEM

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Abstract

Abstract - No doubt that software testing is an important activity in software development as no one can be sure that a software or program was successfully developed according to the needs requested without the software being tested. Validation rules for a system are only maintained thought embedded code in the system & only accessible via software developers.

System data validations are a matter of change frequently due to business rules being changed or updated all the time. The only way to amend a code is either thought developers or in some cases an abroad vendor which causes business problems and delays especially in operational systems.

This paper discusses how to solve this problem by separating the validation rules form the embedded code thought a declarative representation; this way will allow an agile updates of the system without any developer intervention which saves time and money.