The purpose of this thesis is to present an end-to-end high-level strategy to validate the data moved from several interfaces, ETL processes, Error correction facility, Journal Processing Center (JPC) and the feeds to General Ledger. This thesis describes the testing principles, levels of testing, accountabilities and responsibilities, business process validation, entrance and exit criteria for each test phase gate and high-level test approach for the solution.

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The work referred to has been performed at the Department of Computer Science and Applications, Rayalaseema University (erstwhile S.K.U.P.G. Centre, Kurnool) under the supervision of Professor Sri C. UMASHANKAR.