ABSTRACT

Testing is a process which comprises of many activities. The process starts from test planning, designing test cases, execution of test cases and reporting of the results. I have undertaken the project **"Process Visibility"** whose vision is to automate the testing process and to remove inefficiency in the current testing process.

SoftwareAG has a number of products which needs to be continually tested for quality assurance. The manual process of software testing inside SoftwareAG is done with test cycles. Any new test process begins with the start of the test cycle, team notification, testing of products, promotion of product builds or fixes to different repositories, reporting of results, end test cycle notification etc. Individual members from the team are responsible for monitoring the test activities but to monitor the whole test cycle, a lot of collaboration between the teams is required because of inter-dependencies between their products. Then the reporting of the test results is done by using Excel sheets in a shared location which is not accessible to everyone for writing at the same time. This testing process takes up a lot of effort and time and hence is inefficient.

Now, SoftwareAG provides a digital platform (a set of tools and technologies) to improve business process management model by transforming their business process to a digitalized form.

Process visibility uses SoftwareAG's own technologies that transforms the testing process into a digitalized form and automates the whole testing process removing inefficiency and saving organization's time and money. It provides all the controls for test cycle

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