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Elite Pro

An Automated Approach for Quality Assurance

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Abstract

Software quality assurance is most famous and widely uses in IT industries. Software test phase can be define most important part of the software development life cycle. By today automation concept is very popular and IT industries rapidly moving this concept because it has qualities like fastest, easiest, minimum resources and low cost. Proposed system is based automation project and it's generate test cases from business requirement which user entered as input. This project target on create test cases with high accuracy by using Natural Language Processing.

This proposed system will help test case designer, QA engineer or whoever creates test cases by following manual process. In manual test cases creation process has some invalid test cases or there are some misunderstanding can be occur. So proposed project is a solution which avoid all test cases creation based issues.

In quality assurance related projects has some more resources. There are few set of peoples who design test cases by analyzing business requirement. In that process time allocation for test cases will be high because test designers must create test cases correctly otherwise those test case will be useless and has to rework. As result of that project cost will be increased or project will be terminate by the client due to rework and wasting time.

So proposed system is avoid such issues and provide test cases with user less interaction of the system. By today people are expecting fastest and efficiency ways for achieve their project goals. Also nowadays has good demand for such software. However proposed project main target is provide full functionalized and accurate test cases by less time.