



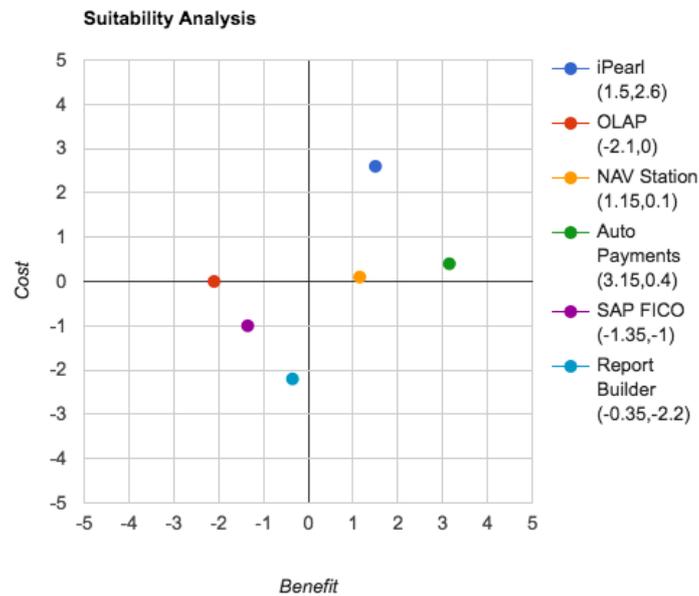
TEST AUTOMATION SUITABILITY ANALYSIS

(For your application/product portfolio)

02-Mar-2018

Test Automation Suitability Analysis Report

Test automation and CI/CD pipeline implementations always provide great benefit to product engineering. But these benefits do not come cheap. CIOs and CTOs constrained by budgets and time to market have to choose the right candidates from their portfolio of products to get the maximum benefit. CloudScaleQA has designed this questionnaire and evaluation methodology to help CIOs and CTOs understand in a relative sense what could be the right candidates for these implementations.



Based on the answers to the questionnaire, the above graph depicts the relative cost benefit scenarios for your application portfolio. Applications with low benefit could be ignored for implementation relative to applications that are showing high benefit. We suggest that a detailed analysis be undertaken for applications that show high potential benefit. The detailed analysis should be able to project real costs and benefits in dollar terms and provide a clear ROI picture.

Here is how you should interpret the results shown in the above graph:

High Cost and High Benefit (top right quadrant)

Applications in this quadrant have both high cost and benefit from automation. Where benefits are more important for the organization irrespective of costs, automation should be taken up. In case costs are very critical, a detailed analysis should be undertaken to find ways to minimize the costs.

Low Cost and High Benefit (bottom right quadrant)

Applications in this quadrant have low cost and high benefit from automation. CIOs and CTOs should immediately start planning and budgeting exercises for these applications. Detailed ROI analysis is recommended prior to approval.

Low Cost and Low Benefit (bottom left quadrant)

Applications in this quadrant have both low cost and benefit from automation. Considering low benefit there is no compelling reason for automation. Since cost is low as well, if the rest of the suite of applications have been automated, one can select these as well for uniformity.

High Cost and Low Benefit (top left quadrant)

Applications in this quadrant have high cost and low benefit from automation. These applications should never be considered for automation.

Methodology

Based on the vast years of experience of the leadership at CloudScaleQA, we have defined factors that contribute to the cost and benefit of test automation tooling. The factors and their influence on cost and benefit have been carefully calibrated after detailed analysis. Based on mathematical calculations using the responses, we arrive at summary cost and benefit number for each application area. These numbers are projected on a graph to show relative position of each application.

Our senior consultants can help you get a more customized test automation suitability analysis report for you based on study of many more factors. Please reach out to us so that one of our senior consultants can talk to you.

Assumptions

This methodology projections are relative, hence at least two applications/products should be used to get good results. The scoring is done based on generic industry data and expectation of costs are based on usage of offshore low cost location. This DIY tool will provide a general direction only and detailed analysis is required for more accurate projections.



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