

Your Personalized Test Automation Capabilities Matrix

SDLC
(716) 416-2935

Saurabh Ranjan
saurabhranjan2018@gmail.com

Question 1

1) What automation tools do you currently use?
IBM - RFT

Question 2

2) What kind of automation frameworks do you currently use?
Record & Play

Question 3

3) What platform is the application used on?
Web Application

Question 4

4) What is your current automation Test Coverage?
50% to 75%

Question 5

5) What methodologies do you use in your Software Development Cycle?
Agile/Iteration

Question 6

6) How frequent are your release cycles?
Quarterly

Question 7

7) How many automation testers do you have in your team/company?
5 to 10

Question 8

8) What is the current percentage of production defects, detected by automation scripts?
25% to 50%

Question 9

9) What is the Enterprise tool used for Software Development Life Cycle?
JIRA

Question 10

10) What are the major browsers used?
Firefox

Summary of Assessment Report

Tool

Commercial tools give an option of testing non-browser based applications unlike opensource tools. Using them for a Web and Mobile based application is a good path to take for test automation. But using record and play would cause complications in maintaining the test bed. Our suggestion would be to use the advantage of having a commercial tool to the fullest by going towards scripting. Going this route will not only make your test bed more efficient. We as a team from SDLC Partners, can help you in increasing your test coverage using scripting framework.

SDLC Methodology

Software Development Life Cycle methodology and release cycle plan is important for the success of the product. From the survey completed by your organization, we are concerned the current release cycle is not the best option for Software Development Life Cycle methodology you used in the product development. Our SDLC team has professional knowledge of Software Development Life Cycle methodology, release cycle plan and DevOps process (CI/CD). We can provide you the best practice according to your product needs to help the Software Development Life Cycle running healthier.

Test Coverage

Test coverage helps you to identify how thoroughly testing has been performed. Number of test resources are dependent on the complexity of code. As per your submitted survey, we see that test coverage is low with more resources. One of the most possible reasons here is, tests not being automated, and resources end up doing more of manual testing. We as a team from SDLC, can help you in achieving better test coverage by providing the best automation practices and thus delivering a defect free product.

Defect Detection

It seems like your current percentage of production defects is standard. Defects detection is extremely critical in process automation especially ones with high coverage. In this case, having a standard defects detection is manageable but there will be cases where defects would be track down manually which will cost time. We as a team from SDLC, can provide you with experience resources to optimize the script.