



Test execution cost reduced by 50% and Test Management cost reduced by 30 % in a quarters time

OVERVIEW

We provide a seamless end-to-end testing solution for remote team along with client location assignments; we provide trusted, motivated teams to companies looking to scale up their business. Our client says, “We are good at what we do”. We have worked for **Captrenal Systems PVT LTD** in India- Maharashtra to improve deliverables quality and increase customer satisfaction rate. We are committed to refining the results through convenience, accuracy of order, and timely delivery with the help of best professional across the globe. EITSAA assure that we can meet the challenges ahead, and stand ready to partner with our client in delivering and effective IT support solution.

OBJECTIVES

i Here is the problem statements mentioned below that we identified with CAPTERNAL System PVT Ltd during feasibility study. Objective was to ensure the growth in next 2-3 quarters time.

- Need #1: Improve the quality of deliverables.
- Need #2: Improve the deliverables frequency from Quarterly to monthly or on demand basis.
- Need #3: Reduce the delivery cost of testing projects.

GOALS

i By looking at the above needs Team PDCA analyze and identified the short term and long term goals which could help to address the issues.

- Goal #1: Find the Root Cause of the bad deliverables. e.g. Unclear requirement, design issues, verification.
- Goal #2: Find the issues in release process and continuous integration set up.
- Goal #3: Find the area where automation can be introduced and come up with % of manual efforts.

IMPLEMENTATION STRATEGY

Our execution strategy incorporates proven methodologies, extremely qualified personnel, and a highly responsive approach to managing deliverables.

SOLUTIONS

i Here is the list of the proposed solutions that we recommended to Captrenal systems pvt ltd to meet the goals.

- Solution #1: Introduced the testing experts from the beginning to analyze the requirement from the 3rd eye and user prospective and found lots of early queries and doubts that was important from end user perspective.
- Solution #2: There was gap in monitoring the capturing the version of changes in requirement and impact analysis. Continuous integration process was also not functional, thus release on demand was not possible. Team recommend and Implement CI – continuous integration as soon as possible to strength the release process.
- Solution #3: Team found that 80% of test cases could be automated which was not automated by the current team because team has less competency in automation tools. Team provide 3 Automation expert to automate the Web solutions and mobile solutions in 6 months. Which reduces the 50% of effort of current team.

FINANCIAL BENEFITS

- Result #1: Test execution cost reduced by 50% in a quarters time
- Result #2: Test Management cost reduced by 30 % after introducing continuous integration and automation.

TECHNICAL BENEFITS

- Result #1: Captrenal Solutions has Automation suites that they used to design new business scenario.
- Result #2: Introduction of new tools and testing framework gives alignment among several stakeholders.