



About My Self:

With over 14 years of experience, I am providing both quality assurance and third-party validation through a combination of consulting, and specialist services. I can manage complex work flow of web and mobile project. My automation experience can useful for longer run and help to save the high project Testing Cost. Have good communicating & liasoning skills to work with Dev team at local as well as remote location. I am passionate to find quality Business bugs at the early stage into project life cycle which prevent bugs fixing cost at later stage and deliver quality product. In short my profile can say given 100% ROI to organization.

Service offerings include every type of software testing including functional testing, mobile testing, test automation with DevOps and Agile team culture.

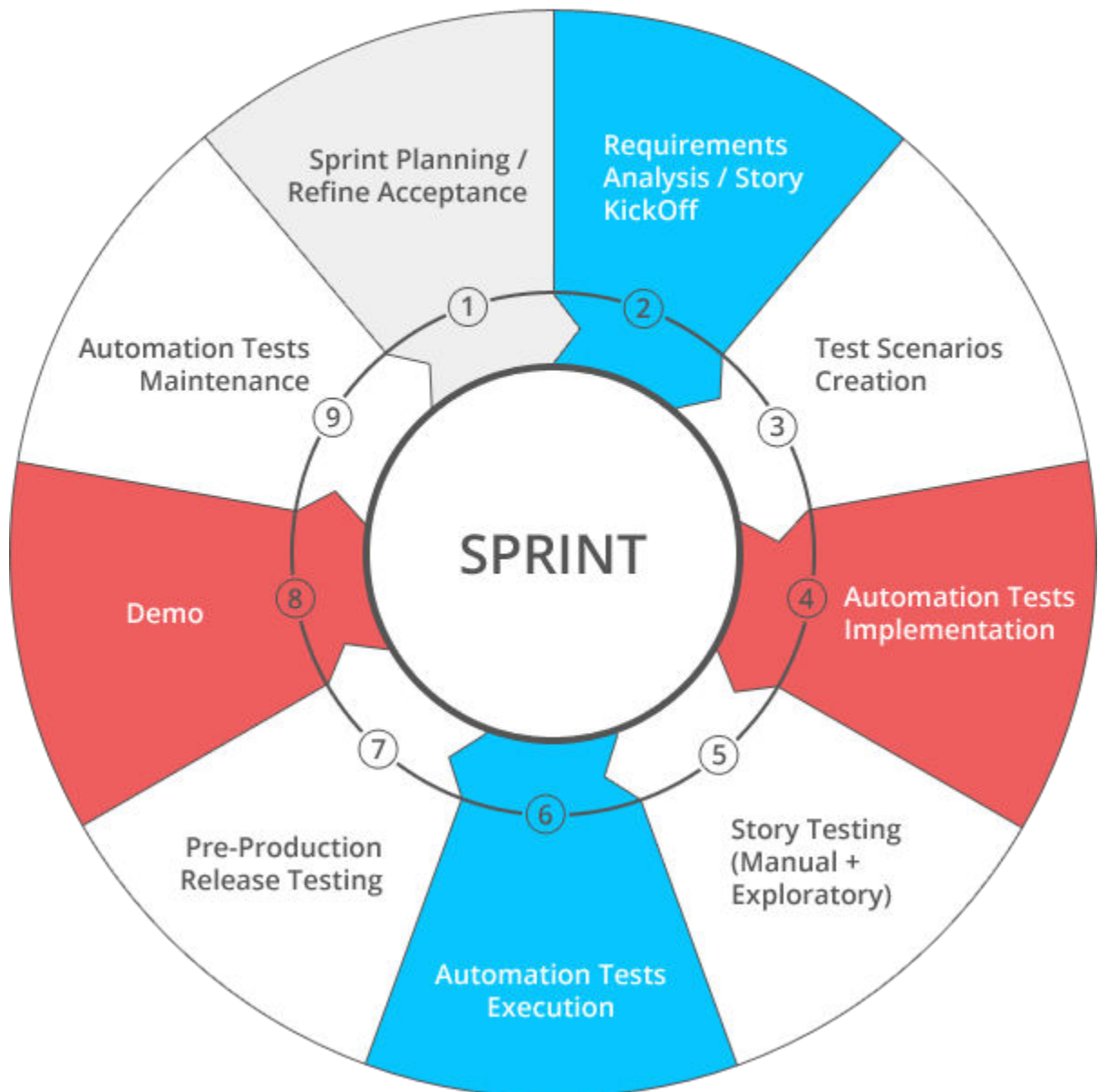
QA SERVICES

I have good experienced to performed varies Type of Testing in web based applications, including web service oriented architecture, mobile and desktop applications & deliver higher quality systems in lesser time to my client. Over a time my studies show that finding and fixing defects during test execution can cost 50 times more than during the early requirements phase so, I believe to find early stage defect which surly cut overall cost of project by a third.

Proudly said that I and my Team is expertise in manual as well as in automation testing. We are providing dedicated Testing Services unit focuses on Verification and Validation of products and applications. Our robust processes give assurance that our Verification and Validation services are consistent and industry standards quality.

Offers following Dev and Testing Services:

Agile and Scrum(sprint) Model



Traditional Software Testing Life Cycle

| | Phase | Activities | Outcome |
|------------------------------------|------------------|---|--|
| Test Requirements | Test Requirement | System Understanding | Log the Queries |
| Test Planning | Planning | Create high level test plan | Test plan, Refined Specification |
| Test Environment Setup | Analysis | Create detailed test plan, Functional Validation Matrix | Revised Test Plan, Functional validation matrix, |
| Test Design | Design | Create test cases, select which test cases to automate | Test cases, test data sets. |
| Test Automation | Construction | scripting of test cases to automate, | Test procedures/Scripts,. |
| Test Execution and Defect Tracking | Test Execution | Execute Test Scripts, performance tests, complete documentation | Defects. |
| Test Reports and Acceptance | Test Reports | Generate Test results and different metrics on test efforts | Plan for improvement . |

Manual Testing

Manual testing plays an important role in Business critical applications and in applications where functionalities change quite often. Manual testing is essential, as 100 percent automation is not possible in real-time environment. In an agile methodology, manual testing holds upper hand over the automation. My expertise in delivering manual functional testing service on software applications across BFSI, Healthcare, Telecom, Retail and Logistics, Energy, and E-Learning domains and expert services in SOA, Security, Mobility, and Datacenter.

Expertise in:

- ✓ Client Server Application Testing
- ✓ Web application Testing
- ✓ Desktop Application Testing
- ✓ Test Cases Preparation using testing techniques such as Equivalence Partition, Boundary value analysis, Cause effect graphing, and Error guessing
- ✓ Test Strategy and Test Plan Preparation
- ✓ Manual Functional Test Execution
- ✓ Defect Tracking
- ✓ Regression Testing



Automation Testing

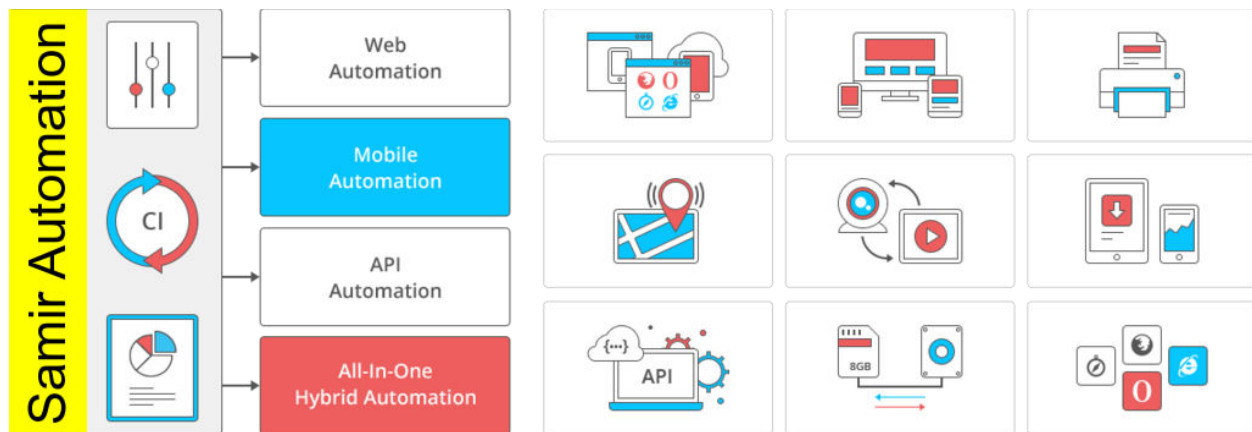
Automation Testing is the process of automating the steps of manual test cases and process them using an automation tool or utility. It helps in increasing test coverage and to shorten testing life cycle.

I have experienced in open source test automation tools like selenium webdriver with well managed automation framework to test web projects.

Samir Automation Framework

Quick and seamless integration into your workflow and fast results delivering

The framework brings together the power of industry-standard tools, custom drivers and connectors, automation best practices, and beautiful, sophisticated reporting. Our solution is highly flexible and easy to maintain, meaning we can add or remove modules to automatically test any application or API, whether desktop or mobile.



DevOps Consulting Services

Not sure what type of DevOps solution to choose? Our all-around team of DevOps experts is capable of assessing your IT environment and drawing a clear long-term DevOps adoption roadmap. Let our DevOps consulting professionals help you:

- ✓ Gather requirements and analyze your business goals
- ✓ Provide you with a full IT environment audit report
- ✓ Evaluate the reasonability of implementing DevOps at the project
- ✓ Offer a range of suitable DevOps implementation models
- ✓ Perform all-round DevOps maturity assessment of your current IT environment
- ✓ Coach your in-house DevOps team
- ✓ Offer a range of suitable DevOps implementation models
- ✓ Estimate costs for the discussed DevOps implementation model
- ✓ Work out custom DevOps implementation KPIs for your particular business project
- ✓ Recommend you an appropriate DevOps toolchain (Git, Jenkins, Ansible, Kubernetes, Docker, AWS) and assist in its integration

User Acceptance Testing Services:

My User Acceptance Testing Services validate end-to-end business process, system transactions and user access, confirms the system or application is functionally fit for use and behaves as expected. Also, identifies areas where user needs are not included in the system or the needs are incorrectly specified or interpreted in the system.

| Activities | Deliverables | Entry/Exit criteria |
|--|--------------------|--|
| - Product knowledge transfer | - Test plan | Entry: |
| - UA test planning | - UAT test cases | - Business requirements |
| - Executing test cases | - Defect reporting | - UAT Test scenarios |
| - Reporting & documenting defects found during UAT | | - Acceptance criteria |
| - Sign off | | - UAT environment loaded |
| | | - Completion of system & Integration testing with no show stoppers |
| | | Exit: |
| | | - Test summary |
| | | - Supporting go/no-go decision |
| | | - UAT sign-off |

The Key Deliverables of User Acceptance Testing:

- The Test Plan- Outlining the testing strategy
- The User Acceptance Test cases – Helping the team to effectively test the application
- The Test Log – A log of all the test cases executed and the actual results
- User Sign Off – Customer buy-in, indicating customer finds the product delivered to their satisfaction

Compatibility Testing Services:

My extensive experience in developing test suites and executing application level Compatibility tests across different software applications ensures harmony in business processes, information, technology, and solutions.

Compatibility testing verifies that the product functions as expected on a wide variety of hardware, software, and network configurations which are planned on an identified set of compatibility combinations. Compatibility testing is conducted on the application to evaluate its compatibility with the underlying environment. This environment may contain some or all of the below mentioned elements:

- Operating Systems (UNIX, Windows, etc.)
- Databases (Oracle, Sybase, DB2, etc.)
- Networking hardware and Hardware Platform (Firewalls, Proxies, etc)
- Compatibility of peripheral devices like Printer, DVD drive, etc.
- Other System Software (Web server, Application Server, etc.)
- Browser compatibility (Firefox, Internet Explorer, Safari, etc.)
- Any other hardware / software as required

System Integration Testing:

System Integration Testing (SIT) ensures that the system meets the requirements of the formal specification document and also any implied, or 'common sense' requirements.

As a result, the application is tested in order to verify that it meets the standards set by the client as a part of the System Integration Testing.

I follow a Black Box approach to System Integration Testing. The focus is on testing the functional requirements for the applications.

SIT Test Design Techniques for developing Test Cases:

- **Equivalence partitioning:**The functionality of the component is divided into multiple equivalent portions.
- **Boundary value analysis:**Minimum and maximum values are identified. Test cases are designed around Min-1, Min, Min+1, Max-1, Max, and Max+1 values.
- **Use case testing:**Test cases are designed with scenarios representing a series of logical actions from an end user's perspective.
- **Load Testing:**The application is tested against heavy loads or inputs to determine the point at which the web-site/application fails or at what point its performance becomes unacceptable.
- **Volume Testing:**Large amounts of data are processed through the application being tested to check the extreme limitations of the system.
- **Usability Testing:**This testing is also called as 'Testing for User-Friendliness'. This testing is done if User Interface of the application stands an important consideration and needs to be specific for the specific type of user.