Software Testing Portfolio

Software Testing Services

I provide end-to-end services on Software Testing and Quality Assurance to clients and committed to improve Quality. I am following Black-box Testing technique. My core services includes:

Functionality Testing

I am providing Functionality Testing services including GUI Testing, Functional Testing, Smoke Testing, Regression Testing, Database Testing, End-To-End Testing, Integration Testing, System Testing, User Acceptance Testing and many more by using best testing techniques to make sure that application functionality is developed as per specification.

Non-Functional Testing

- **Compatibility Testing**

  Compatibility Testing is testing whether software is compatible with other element of a system with which it should operate, e.g. browsers, operating systems, hardware. I am providing services for Compatibility Testing with different browsers. I had used www.crossbrowertesting.com for doing compatibility testing.

- **Localization and Internationalization Testing**

  Localization and internationalization are together referred to as globalization. Globalization is at a broader level. Internationalization is making the application such that it supports multiple languages/locales. Localization is making an application support a particular locale and language. I am providing services for testing of both Localization and Internationalization.

- **Performance Testing**

  Performance testing is testing conducted to evaluate the compliance of a system or component with specified performance requirements. Performance testing verifies that the system application meets specific performance efficiency objectives. It can measure & report on such data as response time, throughput, average database query response time & CPU utilization rates etc... I had provided performance testing service using Loadrunner.

- **Security Testing**

  Security Testing is the testing of a system, application, or component against its security requirements and the implementation of its security mechanisms. Security testing attempts to verify that protection mechanisms built into a system will, in fact, protect it from improper penetration.

- **Usability Testing**

  Usability testing is testing conducted to evaluate the extent to which a user can learn to operate, prepare inputs for, and interpret outputs of a system or component. Usability Testing is means for measuring how well people can use some human-made object for its intended purpose. During usability testing, the aim is to observe people using the product in as realistic a situation as possible, to discover errors and areas of improvement.

Mobile Application Testing

Mobile applications have gain widespread use in most of the business. For mobile application testing, apart from application functionality, I am also focusing more on performance, ease-of-use, and security aspects. I had conducted tests on different devices with different versions of mobile operating systems. For mobile application, I am doing GUI Testing, Usability Testing, Functional Testing, Performance Testing, Security Testing, Battery Usage Testing, Memory Leakage Testing, Interrupt Testing, Installation Testing and many more.

Test Process Improvement / Implementation

I had implemented / improved QA process for the organization. My process of test consulting is created to improve the client's system and in enabling the optimization of IT and Quality Management. The implementation of QA processes will improve the overall process maturity and helps customers in realizing the tangible business benefits. By the defining of robust processes, by requirements defining, test process management, defect management, development, change and release management, configuration management, etc. which aid in the prevention of production issues.

Application and Domain

Application and Domain which I had worked on are
- Healthcare Application
- Web Application
- eCommerce Application
- Mobile Application (Android, iOS)
- Business Intelligence
- ERP
- Sitecore CMS
- SAAS Application
- Desktop (Windows) Application
- Basic testing of Embedded and Middleware application
- Telecommunication Domain

Test Management skills with designing and reporting

- Requirement Analysis
- Requirement Review
- Test Planning
- Checklist Preparation
- Test Scenario
- Test Cases
- Requirement Traceability Matrix
- Test Summary Report
- Test Metrics
- Release Note

QA Methodology

- Agile Scrum
- V-Model
- Waterfall

Tools I had used

Functional Tools: Selenium
Performance Tool: JMeter, Loadrunner
Bug Tracking: JIRA, TFS, Bugzilla
Project Management: JIRA, TFS, TestRail
Bug Analysis Tool: XENU Link Checker, Fiddler, Firebug
Database: SQL Server, Oracle, Postgres SQL
OS: Windows, Unix
API Tool: SOAPUI, Postman
Other Tool: Putty, WinSCP