

API Testing of Online Communication App



The Client: An innovative developer of integrated online communication application



Business Requirement



Limited QA bandwidth. So, need for QA partner to streamline the QA process



Perform Integration testing for the application which was a big challenge



Required Application Programming Interface (API) testing



Perform compatibility check of the application for multiple OS



Our Solutions



Executed Functional Regression, Integration, Compatibility & API Testing



Introduced Templates, Reports & Checklists and Built QA Suite



Created different types of testing scenarios for validation of integration checks at various levels



Developed 680 test cases for compatibility testing for both Positive and Negative scenarios



Platforms Covered for quick sanity check – Win XP (32 bit), Win Vista 32 bit, Win 7 (32 & 64 bit), Win 8 & 8.1 (32 & 63 bit), Win 10 (32 & 63 bit)



Developed 160 reusable Test cases to keep APIs running smoothly for FB module



Business Impact



Application's behaviour was consistent across all platforms



All features and functions outlined in requirements for each interface were met



Successfully implemented QA Methodology and process

Technologies – .Net, Windows WPF, Windows OS

Tools: Defect Management Tool – Bughost