Web Service - Formal Checklist

The following document details the formal checklist that is used to ensure complete functionality of the web service. In addition to the functionality & system testing, there are additional failure test cases added in to ensure robustness. This type of testing is a manual version of an partial oracle testing methodology / a blackbox approach to testing the overall system.

Test ID	Description	Expected Result	Actual Result
WEB-L1	Login: Valid(Registered) User/Pass Pair	Success Code & Valid Auth Token	Success Code & Valid Auth Token
WEB-L2	Login: Invalid Password	Invalid Password Code & Error Message	Invalid Password Code & Error Message
WEB-L3	Login: Invalid Username	Invalid Username Code & Error Message	Invalid Username Code & Error Message
WEB-L4	Login: Invalid JSON Data	Invalid Data Code & Error Message	Invalid Data Code & Error Message
WEB-R1	Register: Invalid Password	Invalid Password Code & Error Message	Invalid Password Code & Error Message
WEB-R2	Register: Invalid Username	Invalid Username Code & Error Message	Invalid Username Code & Error Message
WEB-R3	Register: Username already registered	Duplicate Username Code & Error Message	Duplicate Username Code & Error Message
WEB-R4	Register: Invalid JSON Data	Invalid Data Code & Error Message	Invalid Data Code & Error Message
WEB-R5	Register: Valid Username/Password	Success Code & Message	Success Code & Message
WEB-P1	Personal Statistics: Invalid Username	Invalid Username Code & Error Message	Invalid Username Code & Error Message
WEB-P2	Personal Statistics: Invalid Auth Token	Invalid Auth Token Code & Error Message	Invalid Auth Token Code & Error Message
WEB-P3	Personal Statistics: Invalid Username/Auth Pair	Invalid Login Code & Error Message	Invalid Login Code & Error Message
WEB-P4	Personal Statistics: Invalid JSON Data	Invalid Data Code & Error Message	Invalid Data Code & Error Message
WEB-P5	Personal Statistics: Valid Username & Auth Pair	Success Code & Correct Personal Statistics Returned	Success Code & Correct Personal Statistics Returned

WEB-RS1	Rank Statistics: Invalid Username	Invalid Username Code & Error Message	Invalid Username Code & Error Message
WEB-RS2	Rank Statistics: Invalid Auth Token	Invalid Auth Token Code & Error Message	Invalid Auth Token Code & Error Message
WEB-RS3	Rank Statistics: Invalid Username/Auth Pair	Invalid Login Code & Error Message	Invalid Login Code & Error Message
WEB-RS4	Rank Statistics: Invalid JSON Data	Invalid Data Code & Error Message	Invalid Data Code & Error Message
WEB-RS5	Rank Statistics: Valid Username & Auth Pair	Success Code & Correct Rank Statistics Returned	Success Code & Correct Rank Statistics Returned
WEB-RS6	Rank Statistics: Negative Max	Invalid Data Code & Error Message	Invalid Data Code & Error Message
WEB-RS7	Rank Statistics: Negative Skip	Invalid Data Code & Error Message	Invalid Data Code & Error Message
WEB-RS8	Rank Statistics: No Skip	Success Code & Correct Personal Statistics Returned -Skip assumed 0	Success Code & Correct Personal Statistics Returned -Skip assumed 0
WEB-RS9	Rank Statistics: No Max	Success Code & Correct Personal Statistics Returned -No Max Enforced	Success Code & Correct Personal Statistics Returned -No Max Enforced
WEB-C1	Community Statistics: Invalid Username	Invalid Username Code & Error Message	Invalid Username Code & Error Message
WEB-C2	Community Statistics: Invalid Auth Token	Invalid Auth Token Code & Error Message	Invalid Auth Token Code & Error Message
WEB-C3	Community Statistics: Invalid Username/Auth Pair	Invalid Login Code & Error Message	Invalid Login Code & Error Message
WEB-C4	Community Statistics: Invalid JSON Data	Invalid Data Code & Error Message	Invalid Data Code & Error Message
WEB-C5	Community Statistics: Valid Username & Auth Pair	Success Code & Correct Community Statistics Returned	Success Code & Correct Community Statistics Returned
WEB-LO1	Logout: Invalid Username	Invalid Username Code & Error Message	Invalid Username Code & Error Message
WEB-LO2	Logout: Invalid Auth Token	Invalid Auth Token Code & Error Message	Invalid Auth Token Code & Error Message
WEB-LO3	Logout: Invalid Username/Auth Pair	Invalid Login Code & Error Message	Invalid Login Code & Error Message
WEB-LO4	Logout: Invalid JSON Data	Invalid Data Code & Error Message	Invalid Data Code & Error Message

WEB-LO5	Logout: Valid User/Auth Pair	Success Code & Auth Token Invalidated	Success Code & Auth Token Invalidated
WEB-U1	Upload: Invalid Username	Invalid Username Code & Error Message	Invalid Username Code & Error Message
WEB-U2	Upload: Invalid Auth Token	Invalid Auth Token Code & Error Message	Invalid Auth Token Code & Error Message
WEB-U3	Upload: Invalid Username/Auth Pair	Invalid Login Code & Error Message	Invalid Login Code & Error Message
WEB-U4	Upload: Invalid JSON Data	Invalid Data Code & Error Message	Invalid Data Code & Error Message
WEB-U5	Upload: Valid User/Auth Pair	Success Code & Uploaded Game IDs / Misc Data positions returned	Success Code & Uploaded Game IDs / Misc Data positions returned