Test plan for user query

1. Sanity

Login as admin/admin

Query first page

Verifcy correct result

1. Functionality:
   1. Call with inline login and user
   2. Query medium page verify correct result
   3. Query last page verify correct result
   4. For every valid page verify the result
   5. Query different page (not subsequent)
   6. Query same page several times
   7. Ind X -> ind x+1
   8. Ind X -> ind x-1
   9. Ind X -> ind x+1 -> ind x-1
   10. Ind 0 -> ind -1
2. Negative:
   1. Check that invalid login fails when pw correct
   2. Check that invalid pw fails when login correct
   3. Check that invalid login + pw fails
   4. Query incorrect page
   5. Query value larger than maxint
   6. Query value is string
   7. Query value is float
   8. Query with inline login pw while login incorrect
   9. Query with inline login pw while login incorrect
   10. Query wrong api( type it wrong)
   11. Check that -1 fails
   12. Check that max +1 fails
   13. Check that wrong port fails
   14. Try running xscript attack
   15. Try running sql injection attack
   16. Try logging in with wrong user
   17. Try logging in with wrong password
   18. Wrong user/ pw -> Correct (cacheing)
   19. Correct user/ pw-> Wrong (cacheing)
3. Stress
   1. Query correct page 10000 times
   2. Query incorrect page 10000 times
4. Performance
   1. Do correct query for same item many times and see it the resp doesn’t drop significantly
   2. Do correct query for correct random item many times and see it the resp doesn’t drop significantlyCheck impact for DDOS -> perform bad query in the bg and check time it takes to do correct query
   3. Check impact of DDOS -> perform good query in the bg and check time it takes to do correct query
5. Fault tolerance
   1. Open, Query, close, open, query
   2. Open, query, restart, open, query
   3. Open, query, crash, open, query