05-26-2022 Task 6

Test Purpose

* Perform Capacity testing for Task 3 with two sets of generated posts (100 and 1000).
* Perform Capacity testing for Task 6 with two sets of generated posts (100 and 1000).
* Compare results between:
  + Task 3 and Task 6: 100 posts
  + Task 3 and Task 6: 1000 posts
  + Task 6: 100 and 1000 posts

Test Status

* Success

Test Setup

| Test type | Capacity testing |
| --- | --- |
| Environment | Windows 10 64bit  Memory 2410 MB  Processor I7 3.0 GHz  Disk 96.3 GB |
| Number of users | 1 |
| Ramp-up period | 1 sec |
| Test scenario | Main script, Anonymous script, Open post script algorithms |

Test Summary

All metrics for Task 3 and Task 6: 100 posts are quite the same for both cases.

All metrics for Task 6: 100 and 1000 posts are quite the same for both cases.

Server metrics differ for Task 3 and Task 6: 1000 posts. Task 6: 1000 posts use more memory usage and CPU.

Compare results between: Task 3 and Task 6: 100 posts

|  | Task 3: 100 posts | Task 6: 100 posts |
| --- | --- | --- |
| Memory Usage |  |  |
| CPU |  |  |
| Active threads | ` |  |
| Network Bandwidth |  |  |

Compare results between: Task 3 and Task 6: 1000 posts

|  | Task 3: 1000 posts | Task 6: 1000 posts |
| --- | --- | --- |
| Memory Usage |  |  |
| CPU |  |  |
| Active threads |  |  |
| Network Bandwidth |  |  |

Compare results between: Task 6: 100 and 1000 posts

|  | Task 6: 100 posts | Task 6: 1000 posts |
| --- | --- | --- |
| Memory Usage |  |  |
| CPU |  |  |
| Active threads |  |  |
| Network Bandwidth |  |  |