**Task 3**

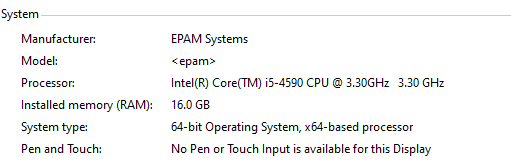
**Date:** 9 Sep 2020

**Author:** Shelley Zhao

**Application:** BlogEngine.NET version 3.2

**Environment:** Test Environment

**Test Environment configuration:**



1. **Goals:**

Implement Anonymous user scenario (see Main script, Anonymous script, Open post script algorithms).

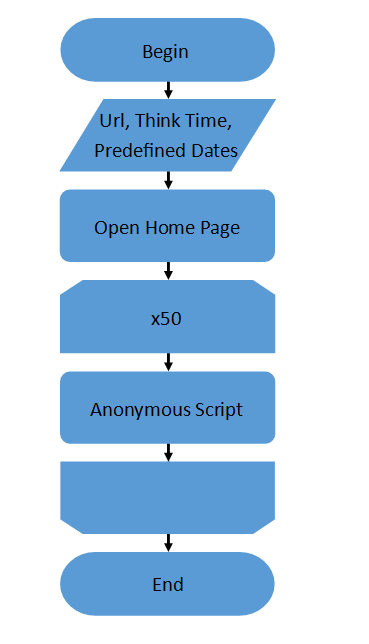
* Perform Smoke testing.
* Perform Capacity testing.
* Document results.

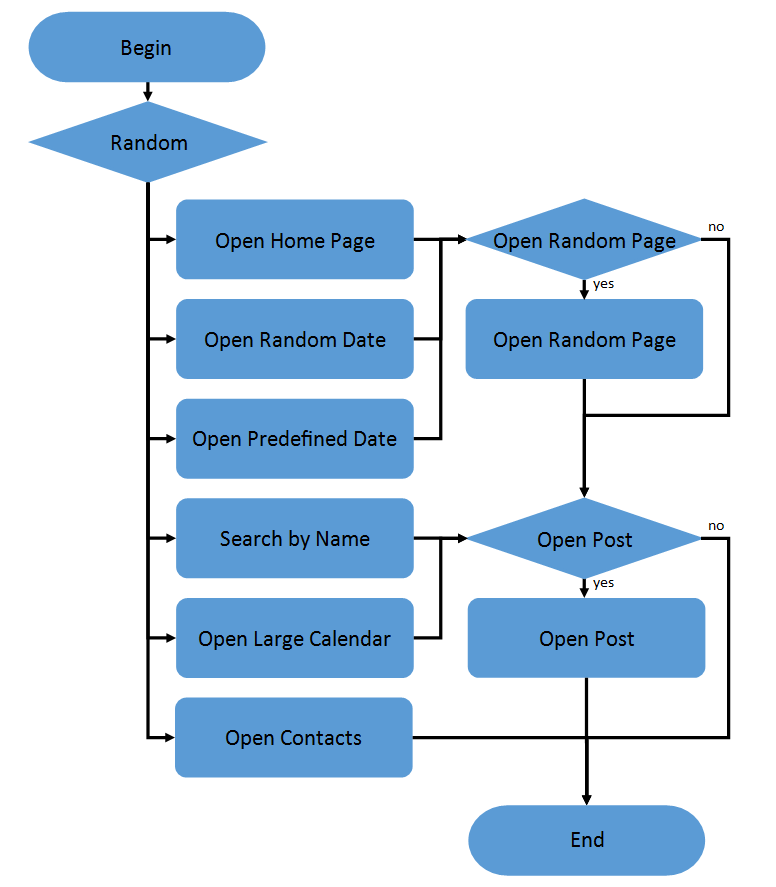
1. **Prerequisites:**

Generated 100 posts.

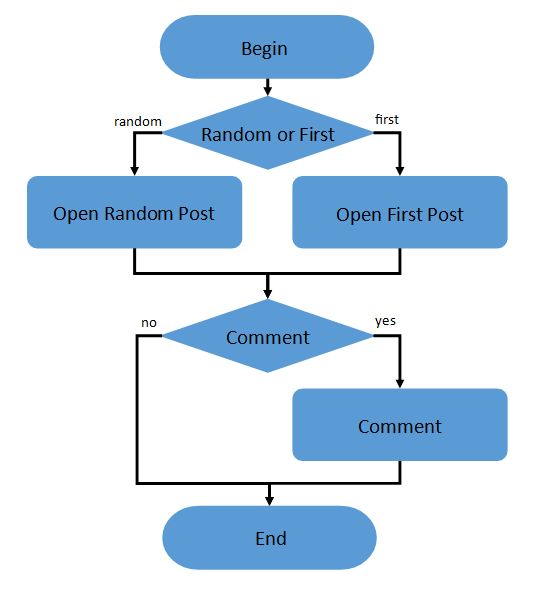
1. **Test script description**

Main script

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Anonymous script****

Open Post script

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1. **Tests:**

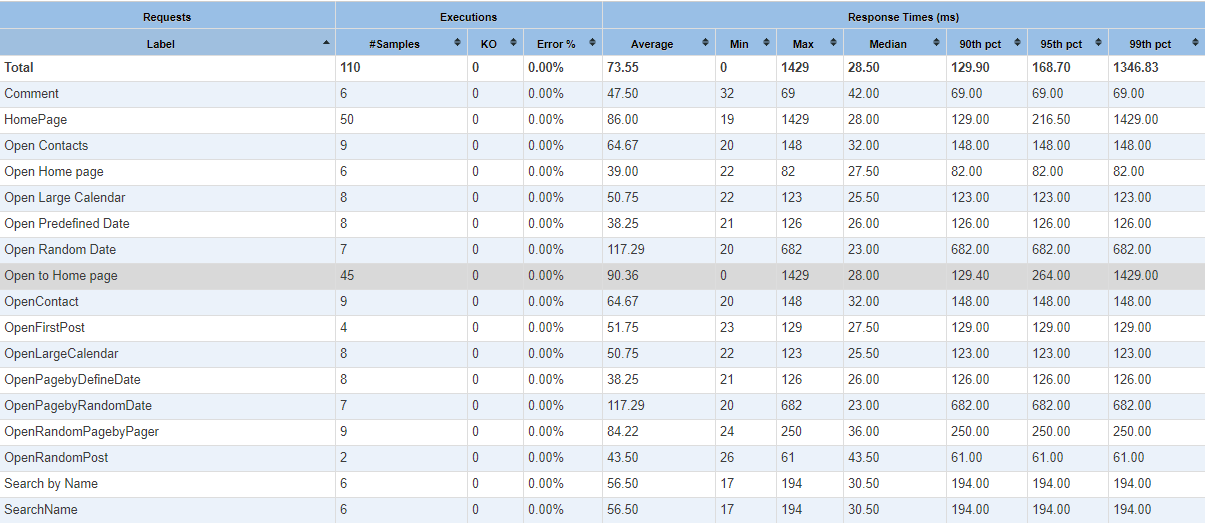
**User Defined Variables**

* CommentName John
* CommentEmail abc@abc.com
* CommentText This is the comment from perf testing
* predefined\_date 2020/06/05
* searchByNamePage 06-09
* host epcnszxw0226.princeton.epam.com
  1. **Smoke Testing**

**Settings:**

* Random Delay Max=1s
* Constant Delay Offset=1s
* Number of Threads =1
* Ramp up period=10s
* Duration=300s

**Result**



**Conclusion**

All the requests have been executed in proper response time without error there the smoke testing **PASSED.**

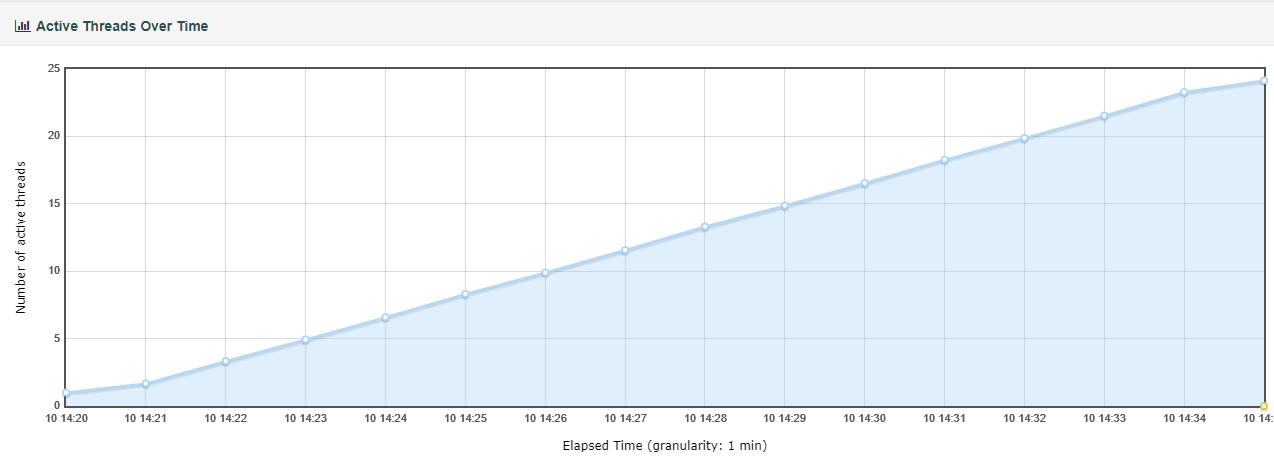
* 1. **Capacity testing**

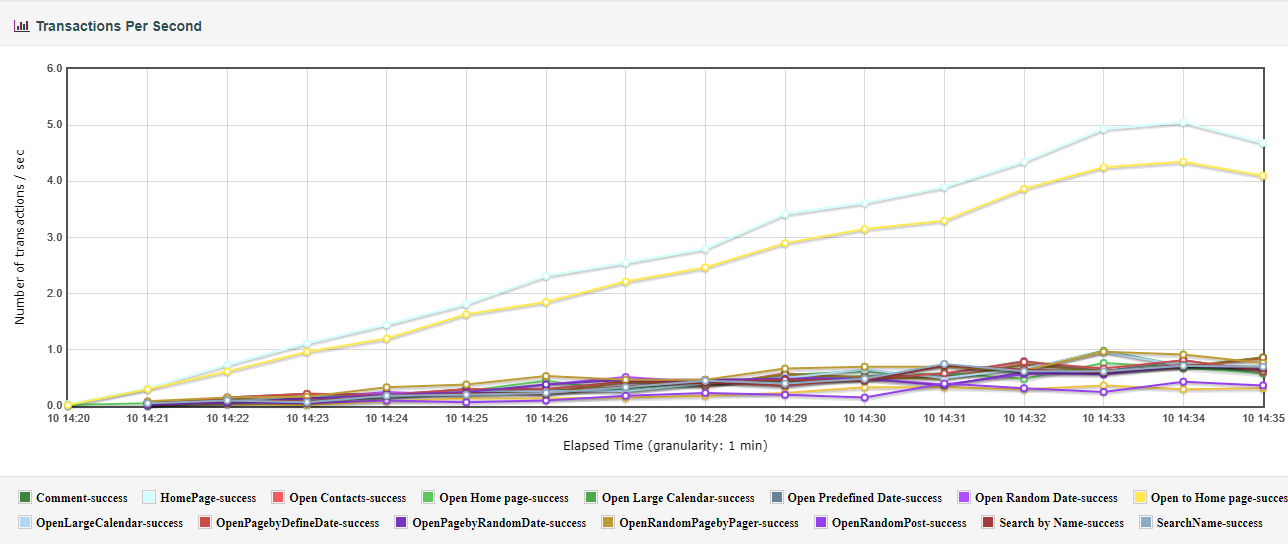
**Settings:**

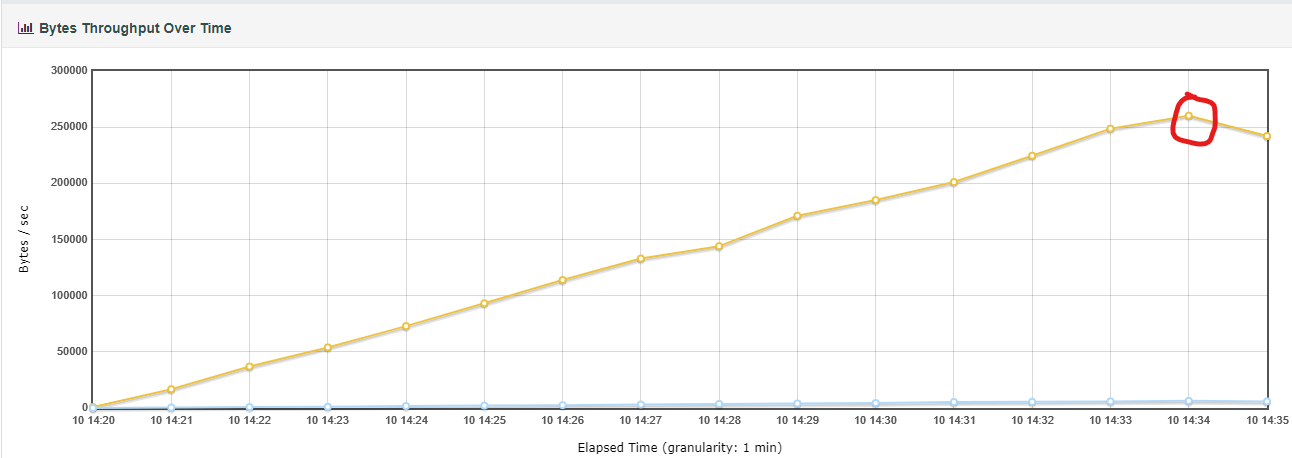
* Random Delay Max=2s
* Constant Delay Offset=1s
* Number of Threads =25
* Ramp up period=900s
* Duration=900s

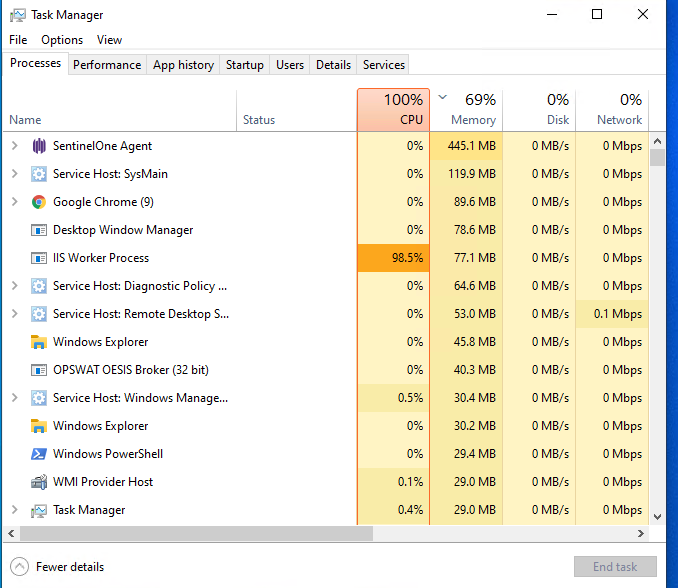
**Result**

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**Conclusion**

* From the throughput chart the line is drop down @14:34.
* From the task statistics board the CPU is reach 100% at the same time.
* So the system capacity is 24