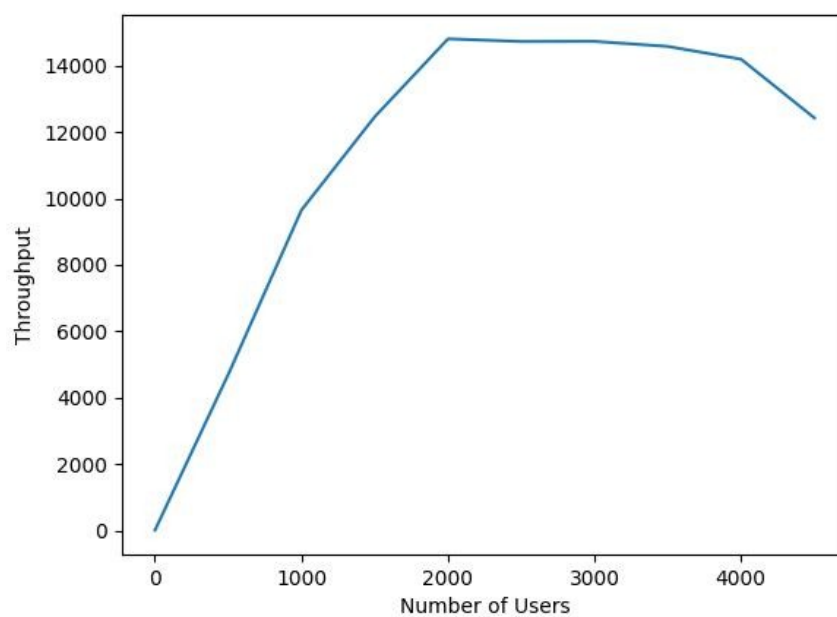# CS744: DECS – PA4

Please find below the system configurations which were used for experiment:

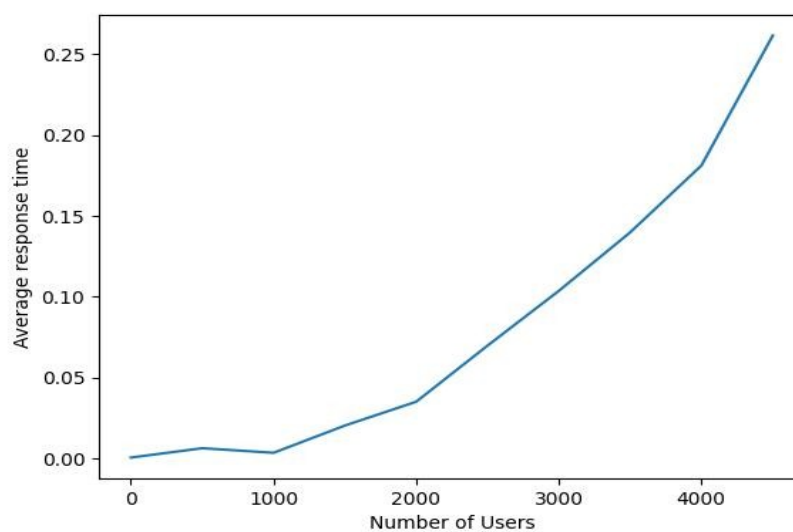**1. Server**
- Worker threads: 20
- Queue size: 10000

2. Load Generator
- Number of users: 1 to 5000 (incremented by 500)
- Think time: 0.1 second
- Test duration: 60 seconds

Throughput

Average Response Time

```
manasgabani@manasgabani-HP-Laptop-15-bs0xx:~/Downloads/CS744-DECS/PA3/bootcamp2022/application_software/week5$ ./load_generator_script.sh 8000 0.1 60
1,9,0.000758
501,4698,0.006529
1001,9651,0.003709
1501,12459,0.020527
2001,14805,0.035230
2501,14724,0.069907
3001,14728,0.103715
3501,14576,0.139826
4001,14190,0.181158
4501,12422,0.261430
manasgabani@manasgabani-HP-Laptop-15-bs0xx:~/Downloads/CS744-DECS/PA3/bootcamp2022/application_software/week5$ ./load_generator localhost 8000 2000 0.1 60
2000,11621,0.072144
manasgabani@manasgabani-HP-Laptop-15-bs0xx:~/Downloads/CS744-DECS/PA3/bootcamp2022/application_software/week5$ ./load_generator localhost 8000 2000 0.1 60
2000,12451,0.060664
manasgabani@manasgabani-HP-Laptop-15-bs0xx:~/Downloads/CS744-DECS/PA3/bootcamp2022/application_software/week5$ ./load_generator localhost 8000 2000 0.1 60
2000,13502,0.048143
manasgabani@manasgabani-HP-Laptop-15-bs0xx:~/Downloads/CS744-DECS/PA3/bootcamp2022/application_software/week5$ ./load_generator localhost 8000 2000 0.1 60
2000,14841,0.034840
manasgabani@manasgabani-HP-Laptop-15-bs0xx:~/Downloads/CS744-DECS/PA3/bootcamp2022/application_software/week5$ ./load_generator localhost 8000 2000 0.1 60
manasgabani@manasgabani-HP-Laptop-15-bs0xx:~/Downloads/CS744-DECS/PA3/bootcamp2022/application_software/week5$

manasgabani@manasgabani-HP-Laptop-15-bs0xx:~/Downloads/CS744-DECS/PA3/bootcamp2022/application_software/week5$
```