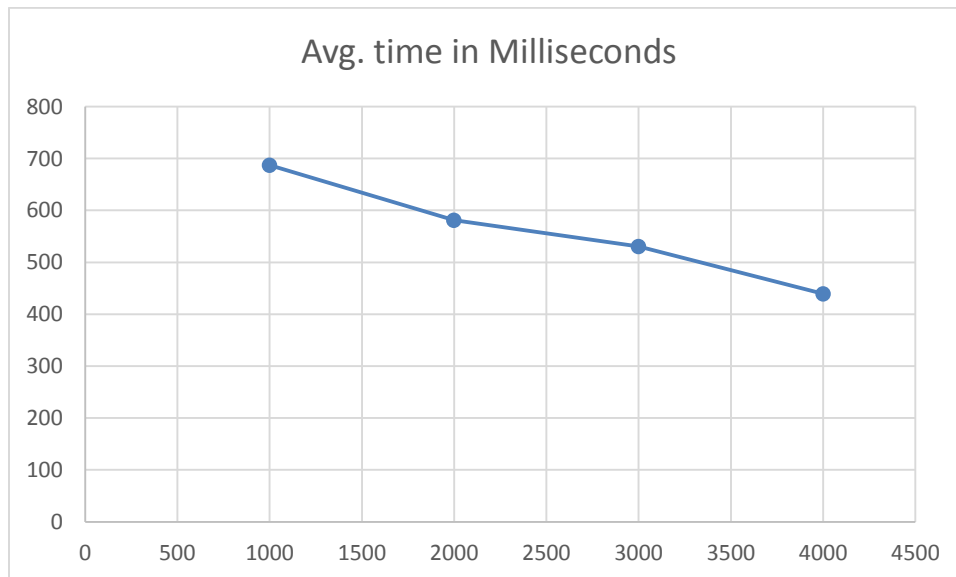# Evaluation and Measurement

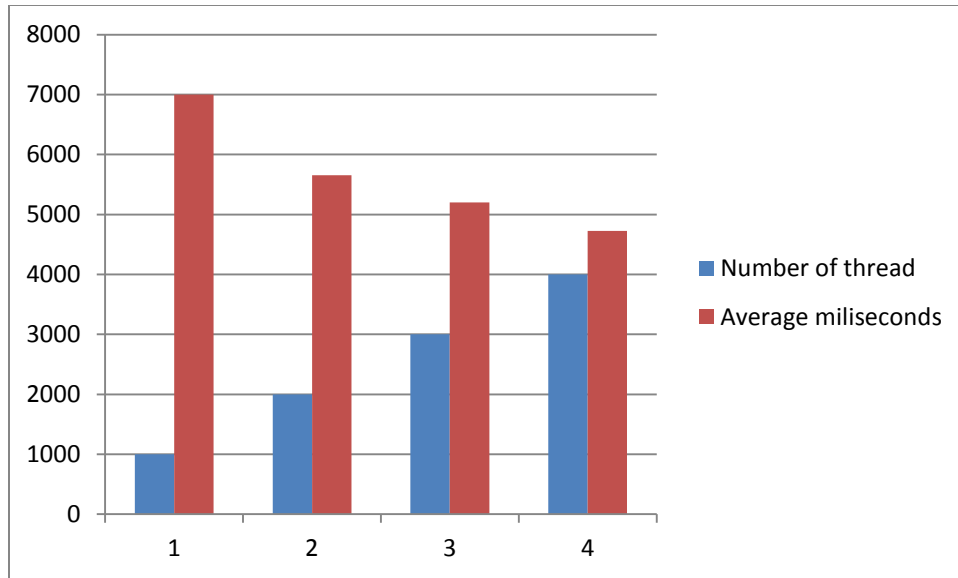## Evaluation for Search Function

- Evaluation for search function is performed on number of threads (Number of Requests) vs. Average millisecond to perform the task.
- Below two graphs are representation for observation mentioned in table 1

Number of thread	Average miliseconds	Client 1	Client 2	Client 3	Client 4
1000	687	687			
2000	581	606	556		
3000	530.333	555	572	464	
4000	439.25	432	448	440	437

Table 1

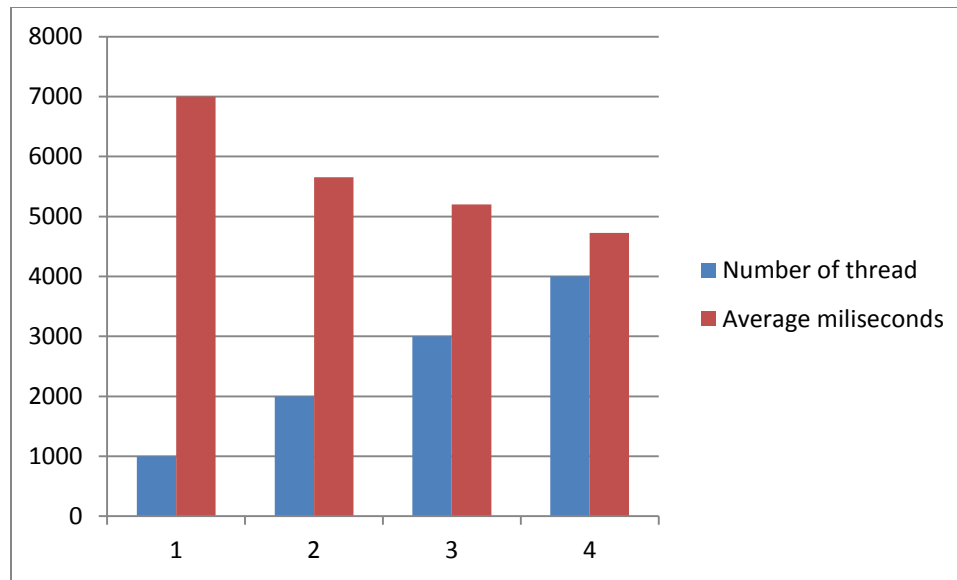**Graph 1**

Graph 2

Conclusion:

As we keep numbers of thread increasing the average time for execution keeps decreasing.

Evaluation for Registry Function

- Evaluation for Registry function is performed on number of threads (Number of Requests) vs. Average millisecond to perform the task
- Below Graph is representation for observation mentioned in Table 2

Number of thread	Average miliseconds	client 1	Client 2	Client 3	Client 4
1000	7000	7000			
2000	5651.5	6005	5298		
3000	5199.66	5310	5400	4889	
4000	4724	4773	4812	4790	4521

Table 2

Graph 3

Conclusion:

As we keep numbers of thread increasing the average time for execution keeps decreasing.