

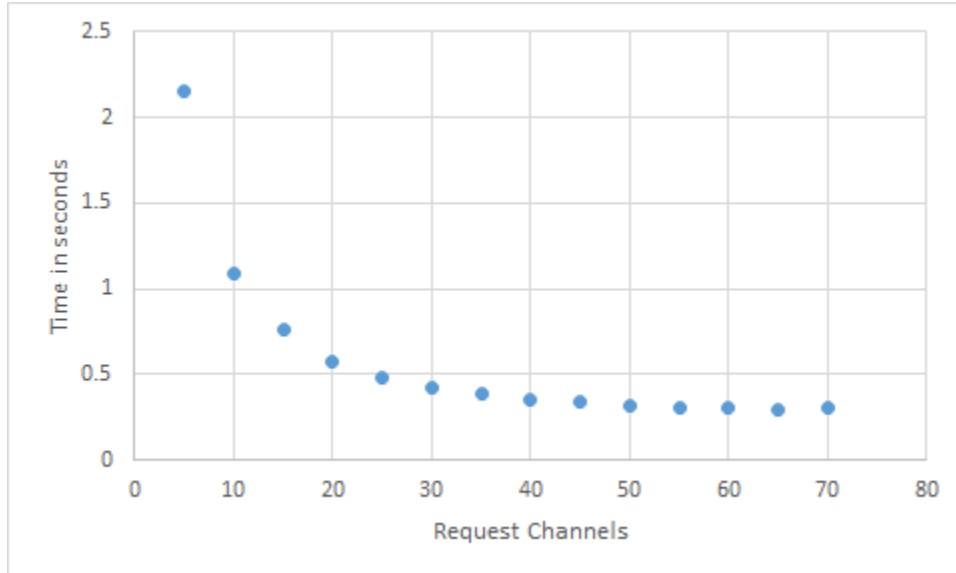
Alex Kaiser

313-503

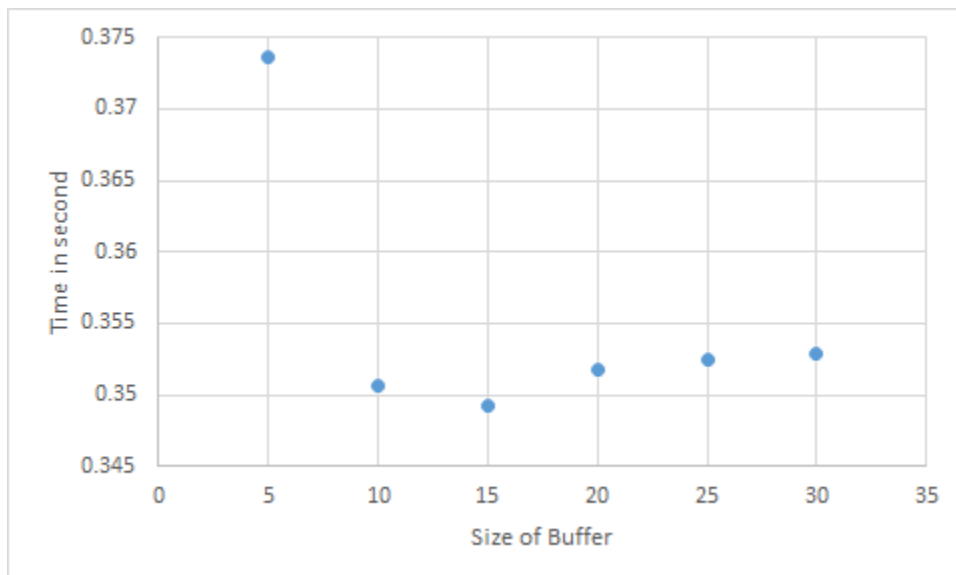
MP6 Report

This machine problem applied the use of the select function and file descriptors to cut down on the number of threads used in the previous machine problem. The performance is measured below.

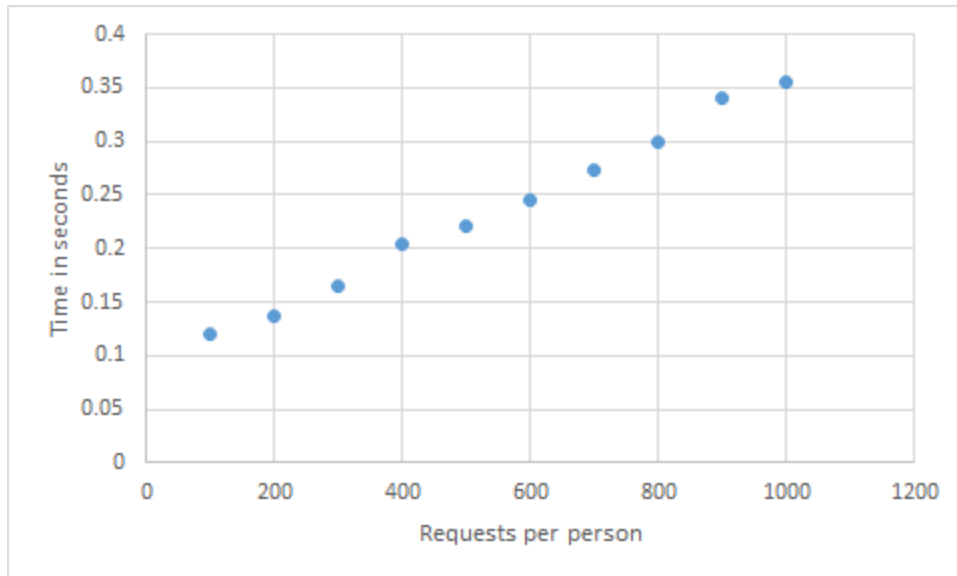
Request Channels



Buffer Size



Requests Per Person



This machine problem was a definite improvement to the previous machine problem. The requests per person was 10000 with a buffer size of 100, with a number of request channels of 40. After about 50 request channels, the graph flattened out indicating there was not much improvement past 50 request channels. The size of the buffer did not have a large impact on time.