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Test1: Execution time taken per Client vs Number of Clients

Each client sends transaction request after 2 seconds. Started with 10 clients spawned simultaneously. Here each client is going to implement 10 transactions.

The results shows that maximum time is taken when program is executed for the first time with 10 clients connected simultaneously and when the clients number reaches 50, the graph becomes more linear.

Test2: Fixed Number of Clients per Client vs Varying Request Rate

The number of clients is fixed to be 25 and number of transactions to 10 for each client. Increasing the time of request in client code by 0.1 every time. The result of the graph is as shown below: