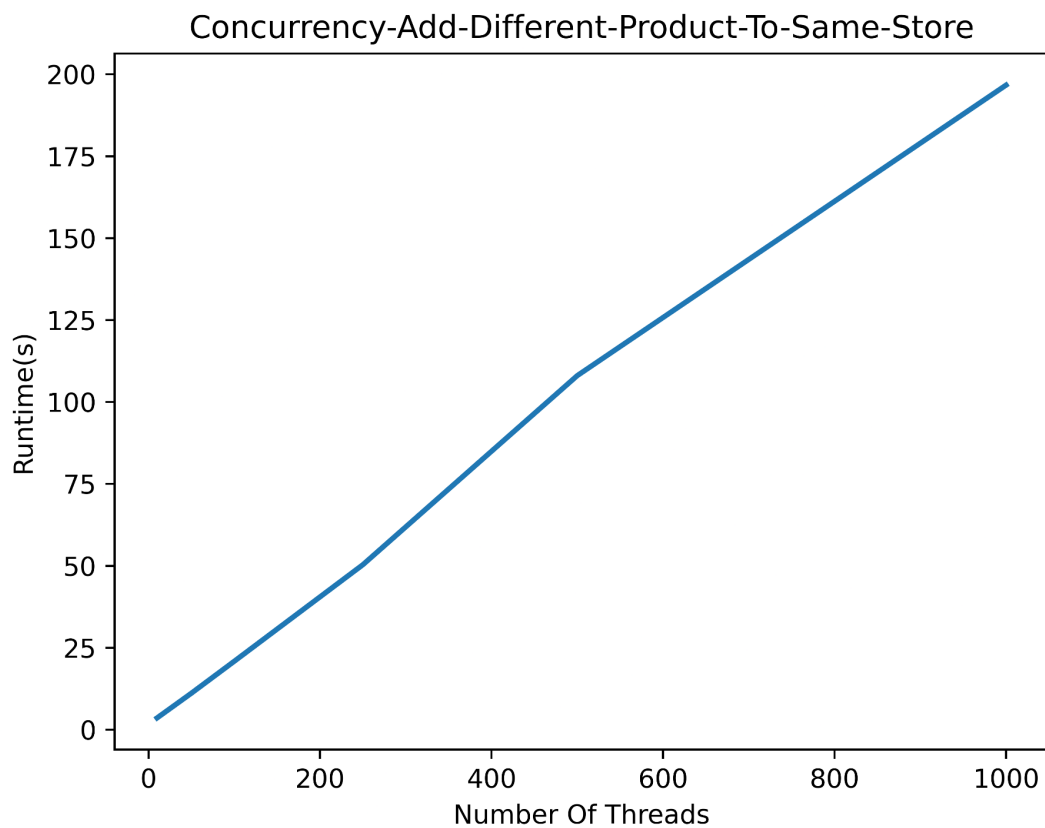## Workshop-Robustness Test-Report

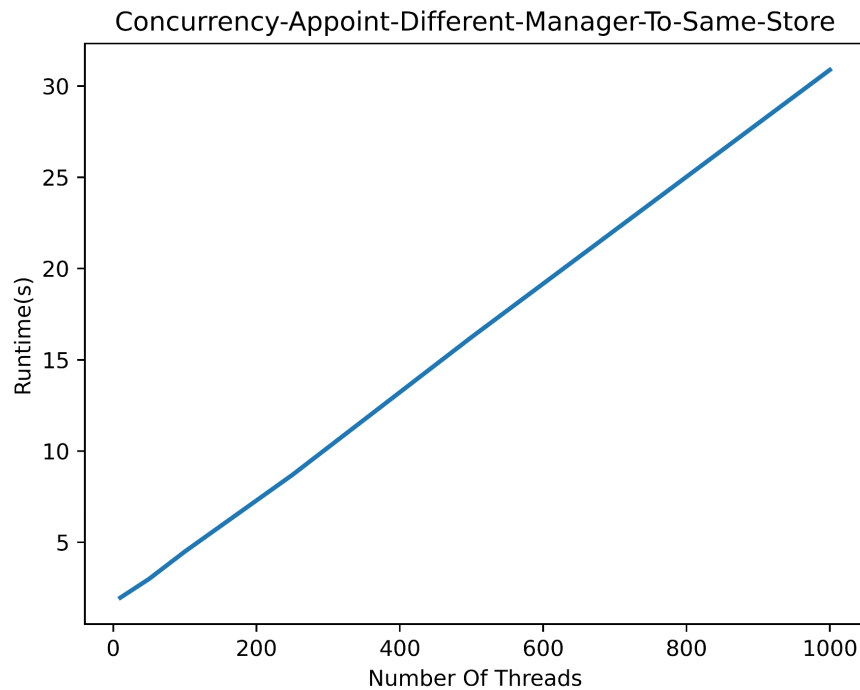We examine our application under up to 1000 threads, approaching it concurrently.
Each scenario was run under a dummy database to avoid corruption of our true data.
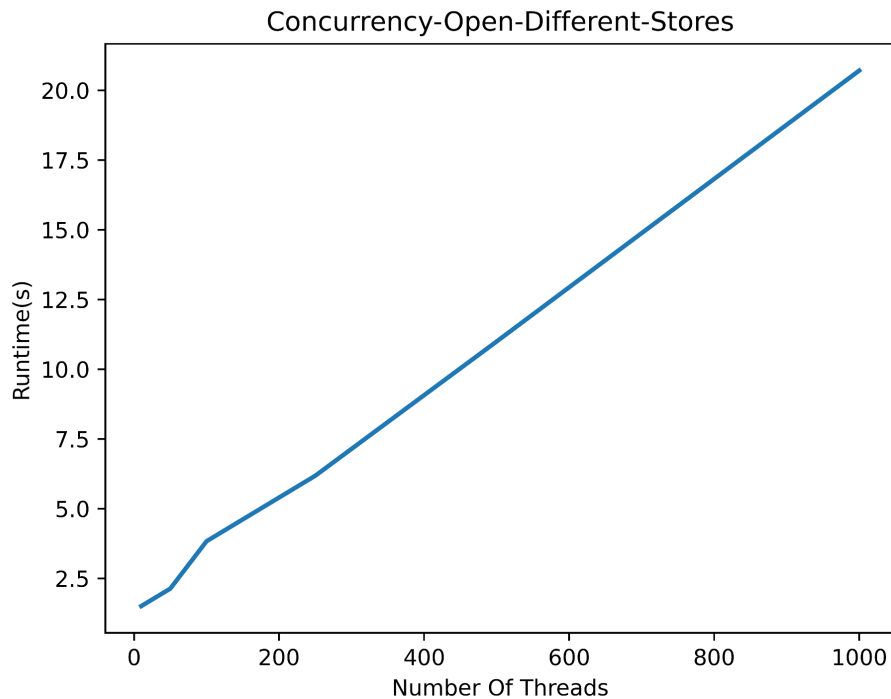The examined scenarios are:
- Multiple 'Members' attempt to **add different products to the same store**. We verified that each product was added to our market.
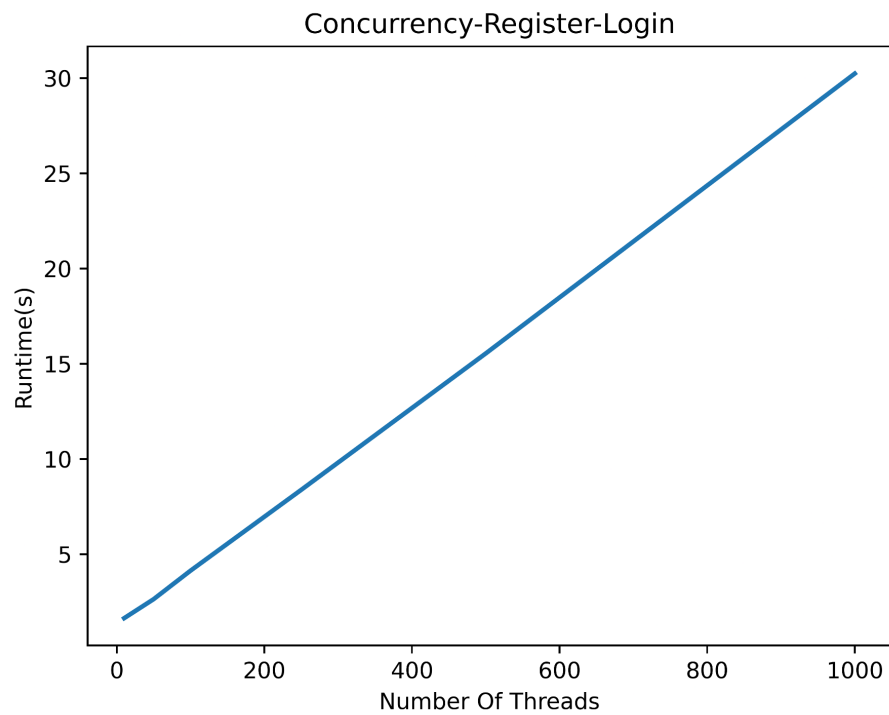

Concurrency-Add-Different-Product-To-Same-Store

- Multiple 'Members' attempt to **appoint different managers to the same store**. We verified that each manager was appointed accordingly.

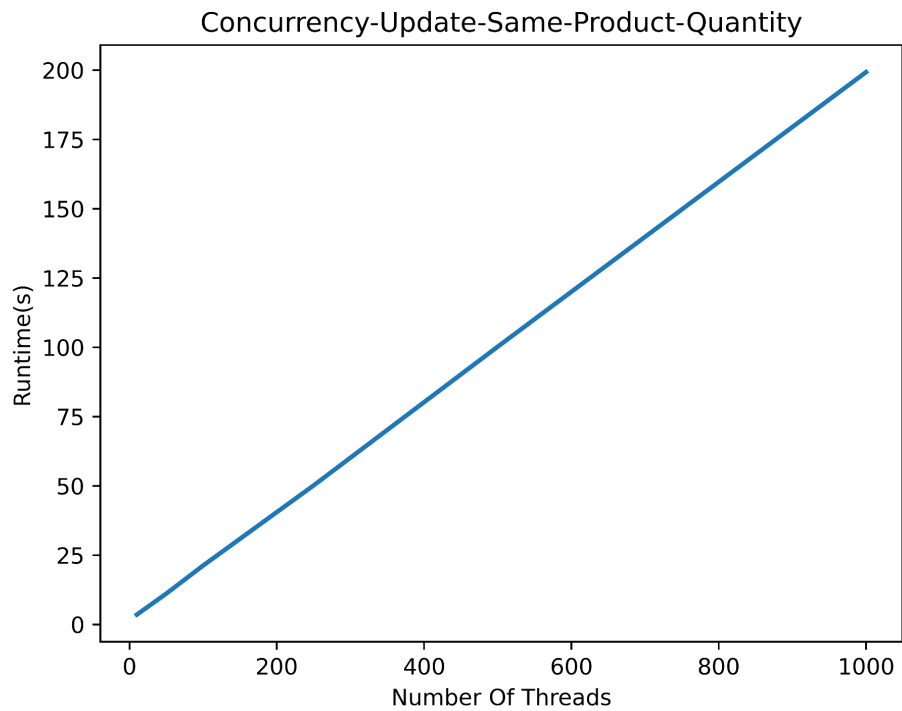Concurrency-Appoint-Different-Manager-To-Same-Store

- Multiple 'Members' attempt to **open different stores**. We verified that each store was open at the market.
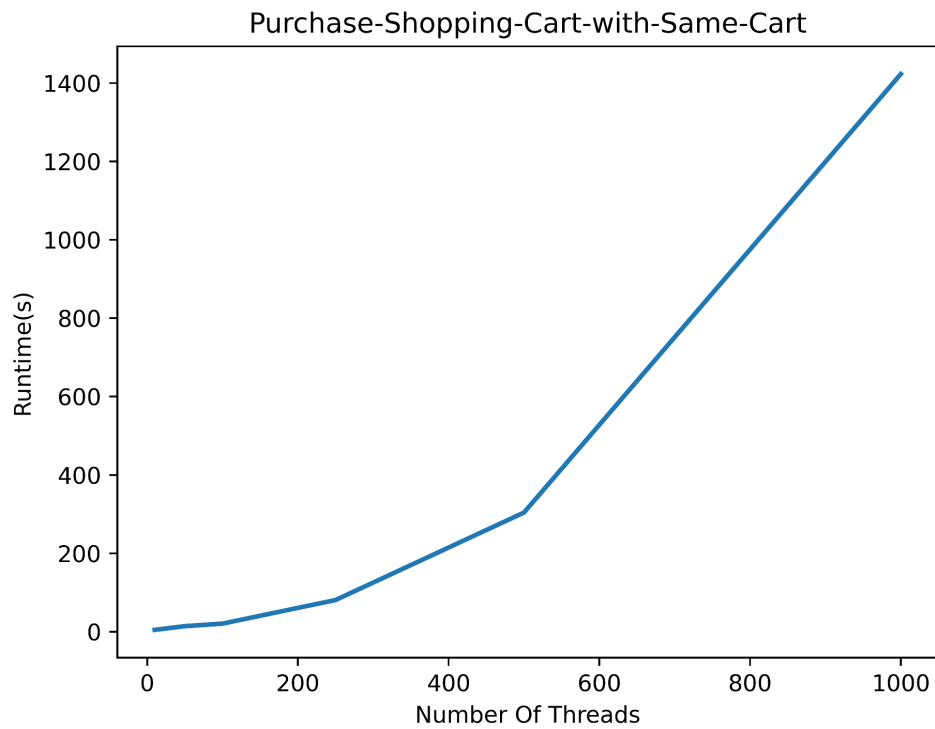
Concurrency-Open-Different-Stores

- Multiple `Visitors` **register and login** concurrently. We verified all of them are registered and considered as 'Members' at the market.

Concurrency-Register-Login

- Multiple `Members` attempt to **add a fixed quantity of a product** of some store. We verified the final quantity.

Concurrency-Update-Same-Product-Quantity

- Multiple `Members` attempt to **purchase the same cart**. We verified only one succeeded and that the store quantity changed accordingly

Purchase-Shopping-Cart-with-Same-Cart

- Multiple `Members` attempt to **purchase different carts**. We verified that all of them succeeded.

Purchase-Shopping-Cart-with-Different-Cart