Stress tests

Do testowania performance'u strony skorzystaliśmy z programu siege do wysyłania masowo requestów na endpointy.
Program odpalaliśmy na 255 wątkach, w trybie benchmark (brak oczekiwania między requestami). Z ciekawych wniosków, zauważyliśmy, że na niektórych endpointach (np. profile) można uzyskać o 10 razy mniejszą wydajność niż na innych. Zapewne jest to związane z dostępem do bazy.

Output z uruchomień:

```
siege http://localhost:8888/profile -t 10S -b -c 255
Transactions:                   1020 hits
Availability:               100.00 %
Elapsed time:                   9.23 secs
Data transferred:               27.83 MB
Response time:                  0.73 secs
Transaction rate:           110.51 trans/sec
Throughput:                     3.02 MB/sec
Concurrency:                    80.56
Successful transactions:        1020
Failed transactions:            0
Longest transaction:            6.59
Shortest transaction:           0.00
```

```
siege http://localhost:8888/describe -t 10S -b -c 255

Transactions:                   14699 hits
Availability:               100.00 %
Elapsed time:                   9.49 secs
Data transferred:               1.08 MB
Response time:                  0.12 secs
Transaction rate:          1548.89 trans/sec
Throughput:                     0.11 MB/sec
Concurrency:                193.27
Successful transactions:        14699
Failed transactions:            0
Longest transaction:            1.33
Shortest transaction:           0.00
```

```
siege http://localhost:8888/download -t 10S -b -c 255
Transactions:                   514 hits
Availability:               100.00 %
Elapsed time:                  9.47 secs
Data transferred:              17.86 MB
Response time:                 1.67 secs
Transaction rate:              54.28 trans/sec
Throughput:                    1.89 MB/sec
Concurrency:                   90.86
Successful transactions:       514
Failed transactions:           0
Longest transaction:           3.65
Shortest transaction:          0.00
```