Task 2 / Component Diagram

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Web Browser / cURL / etc
HTTP CLIENT

Client makes POST HTTP request,
receive JSON structured response
with valid HTTP code status,
which indicates request's
after processing status

NGINX
Proxy Server

NGINX responds for clients requests,
caches responses for incorrect requests,
performs simple balancing job

PHP-FPM + Laravel App
App Server

Laravel App validates incoming requests
according to the API contract,
sends the request to the data storage,
transfers the final response after processing

Redis
Data Storage

Redis is responsible for storing processed data,
implements app logic in view of this possibility
at the protocol level via `mSetNx` operation