# ALX PROJECT

## Web Infrastructure Design

<u>Task 3</u>

<u>Explanation of Terms</u>

**1. For every additional element, why you are adding it:** we added one extra server and one load balancer. The additional server allows us to separate each component (web server, Nginx, Application server, codebase and Database, MySQL) in their own server and yet having one Extra server with all components to serve as a backup if any of the components or server fails. Each server is being monitored and has a firewall. Also, the extra load balancer we added will assist in handling more traffic across the whole infrastructure.