

## **ALX - 0x09. Web Infrastructure Design**

### **Task 3: Scale up**

**For every additional element, why are we adding it;** we have added one server and one load balancer. Adding the new server has allowed us to separate each component (web server; Nginx, Application server, code base and Database; MySQL) in their server and yet have one extra server with all the components to serve as a backup if any of the components or server fails. Each server is being monitored and has a firewall. We have also added an extra load balancer that will assist in handling more traffic across the whole infrastructure.

