Scaling things up

For every additional element, why we are adding it

3 additional elements have been added to our infrastructure;

1 server: an extra server with all the components to serve as backup if any of the components in our active server fails.

1 load balancer: to prevent SPOF. If one load balancer fails, the additional load balancer takes over. This enhances the high availability of the application or service.

Split components: to allow us to separate each component (web server, application server, and database).