# QA Mini Project Plan

1. Create instance for the project
2. Get frontend working through nginx standalone
3. Get backend working through node standalone
4. Test that they are working together correctly
5. Containerise frontend and backend as separate Docker containers
6. Test to make sure it is working with Docker
7. Create images in Docker Hub of frontend and backend
8. Create EKS and node groups
9. Create a frontend pod and backend pod in Kubernetes
10. Install nginx on frontend pod, pulling in frontend image from DockerHub
11. Add load balancer onto frontend pod
12. Pull backend image from DockerHub into backend pod
13. Test that it is working through Kubernetes
14. Install Jenkins on the EC2
15. Create pipeline that pushes the updated code into DockerHub images