Devops 2 project.

Your project subject will be deploying an election scalable application over Kubernetes.
As you know any voting application will be under pressure of a huge load coming from the simultaneous voting hits, so the best way to implement a scalable and reliable application is to deploy it under kubernetes.

You were supposed to :
1. Develop a simple web application that will be used by the representatives to confirm a voting candidate.
2. The application should contain the list of people that are allowed to vote and the representative will flag each candidate that voted successfully
3. Dockerize the application and deploy it under multiple application servers
4. The application server dockers should be accessed using (ingres)
5. Deploy a load balancer/haproxy on top of the application server ingres
6. Dockerize a database of your choice
7. You should use config maps and secrets to store your configuration
8. Once done you need to package all this application under helm chart to be able to start everything in one command
9. Implement a load test on your cluster to check how requests per second much it can handles
10. Auto scaling is a plus.

You should present your work in a small presentation and live demo.