CI/CD Presentation proposal

The technical team wants to consider building the project using CI/CD. By this, we believe it will provide the business with the following advantages.

1. CI/CI will help us catch compile errors after merge how does this helps us as the busines? This will in turn reduces cost by allowing developers spend less time on issues from new developer code.
2. Catch Unit test failures this will in turn translate into low cost for the business because of less bugs in production and less time testing.
3. CI/CD helps to detect security vulnerabilities good for the business because it avoid cost such as embarrassing or costly security holes hence safe cost and money
4. Automate infrastructure creation Good for the business because it avoid cost hence less human errors implying faster deployments
5. Automate infrastructure clean up reduces cost on the busines since there will be less cost from unused resources
6. Faster and more frequent deployment productions this increases the business revenue since new value generating features are being released more quickly
7. CI/CD allows the development team to deploy to production without manual checks hence increasing revenue because new features will have less time to market.
8. Automate smoke tests good for the business because it protects revenue since we will have a reduced down time from a deploy related crash or bug.
9. Automate rollback triggered by fail jobs this protects the business revenue since there is a quick undo to return production to working state in case things go wrong.

With this so many advantages provided by CI/CD,
We think it's a great idea to have a CI/CD system set up for this project.

Below is a digaramatic representation of what we hope to accomplish by using this frame work of Ci/CD