

## **Presentation on Benefits of CI/CD**

- CI/CD will help catch errors quickly after merge.

This will help reduce cost for the company since developers will spend less time on issues from new developer code. This will also create time for the developers to work on new products.

- Catch unit test failures

This will ensure less bugs in production therefore avoiding costs for fixing the damage and cut on repair bills caused by bugs. This will also provide less time in testing.

- Detect security vulnerabilities

This will prevent embarrassing or costly security holes which overall avoids cost for the company.

- Automation of Infrastructure creation

This will avoid costs for the company since there will be less human error when creating infrastructure and doing deployments.

- Automate Infrastructure cleanup

We will have less infrastructure cost from unused resources hence generally reducing costs for the company.

- Faster and more frequent Production Deployments

This will ensure value generating features are released more quickly therefore increasing revenue for the company

- Deploy to production without manual checks

This will help features take less time to get to market since the burden of doing time consuming manual checks will be removed. This will in general increase revenue for the company.

- Automated smoke tests

This will help reduce downtime caused by a deploy-related crash or bug hence protecting revenue for the company.

- Automate Rollback triggered by job failure

This works as a quick 'undo' to return production to a previous working state therefore protecting the company's revenue.