

# INTRODUCING

## UDAPEOPLE

*WITH CI/CD*



# The Undisputed Way to Ship and Build.

Benefits of CI/CD to develop and build and achieve automation while developing our company's products.

# Why CI you ask ?

**Ask no more**

**Continuous Integration is the practice of merging all developer's copies to a shared mainline continuously within a day. It is the process of creating.**

**What exactly constitutes Continuous Integration?**

**With Continuous Integration we will be able to ;**

**Compile code**

**Unit test our code**

**Static analysis of our code**

**Testing dependency vulnerability**

# Continuous Delivery.

## How will things change with C/D ?

Continuous Delivery is an engineering practice in which teams produce and release value through automated deployments.

C/D relates to everything deploying artifacts.

The phases included in C/D that we will employ are;

**Creating infrastructure**

**Provisioning servers**

**Promoting to Production**

**Smoke testing and rollbacks.**

# What's in it for us in business terms?

CI/CD really underscores the concept of accounting for every shilling to the last cent.

Importance of the CI/CD pipeline.

**Increase revenue** as new value-generating features are released more quickly.

**Reduce cost** as less developer time is spent on issues from new developer code when we catch compile errors after merge.

**Avoid cost** because we catch unit test failures which leads to less bugs in production and less time in testing.

**Protect revenue** as we perform automated smoke tests which translates to reduced downtime from a deploy-related crash or major bug.