

# CI/CD PROPOSAL

Udapeople Project

# DEFINATION

- ▶ CI/CD can be defined in three aspect viz:
- ▶ Continuous Integration:- involves the merging of dev codes to main stream frequently and rapidly. CI focuses on code quality and providing rapid feedback.
- ▶ Conntinuous Delivery:- involves the delivery of new features quickly to client throught an automated delivery mechanisms
- ▶ Continuous Deployment:- is an extension of coutinuous intergration but involves automated provisioning of infrastructures needed to host the artifact.

# Current Chanlleges

- ▶ Human errors that leads to that leads to delays inn release.
- ▶ Lack of test and code quality check.
- ▶ Errors find there way to production environment.

# What Udapeople Stand to Gain

- ▶ Repid New Feature Release:- CI/CD Automates and excute task quickly which allows for quick new feature release, which in turn makes client happy and increases company revenue.
- ▶ Catch Errors Early:- CI/CD helps us catch errors quickly thereby reducing the risk of errors in the production environmment and there by saving cost.

THANK YOU