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Proposal To Adopt CI/CD

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CLIENT: UDAPEOPLE

Introduction

Continuous Integration and Continuous Deployment is a software engineering approach that is automating the process of building, testing, deploying, and monitoring changes that are being made and are to be pushed to production.



In CI/CD we have:



01.

Continuous Integration is the process of merging all of the working copies of the developers' codes into our mainline server.

02.

Continuous Deployment is an engineering approach in which we constantly deploy projects through an automated format.

03.

Continuous delivery is the mindset that we need to continuously deliver value steadily over a period of time

Why DO We Need CI/CD



01

With the introduction of CI/CD, we can automatically create our infrastructures which means less human errors and more reliable deployments

02

We can deploy and promote to production faster which means that we have more time to work on other features and increase revenue.

03

Avoid recurring cost and downtime through automated alerts with CI/CD

04

Catch and fix errors quickly through automated testing and avoid the costs of testing manually.

Thank You!

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