
Project Udapeople: The CI/CD Approach

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The Udapeople Project

Udapeople, Human Resource Management System, is a revolutionary concept in Human Resources which promises to help small businesses care better for their most valuable resource: their people.

This product is conceived to help SMEs manage their Human resource function easily and less cost effective, as well as able to learn its environment and adjust to recent happenings.

Just like the idea, how can this product be created in a simple as fast manner as well as grow in feature as the company grows.

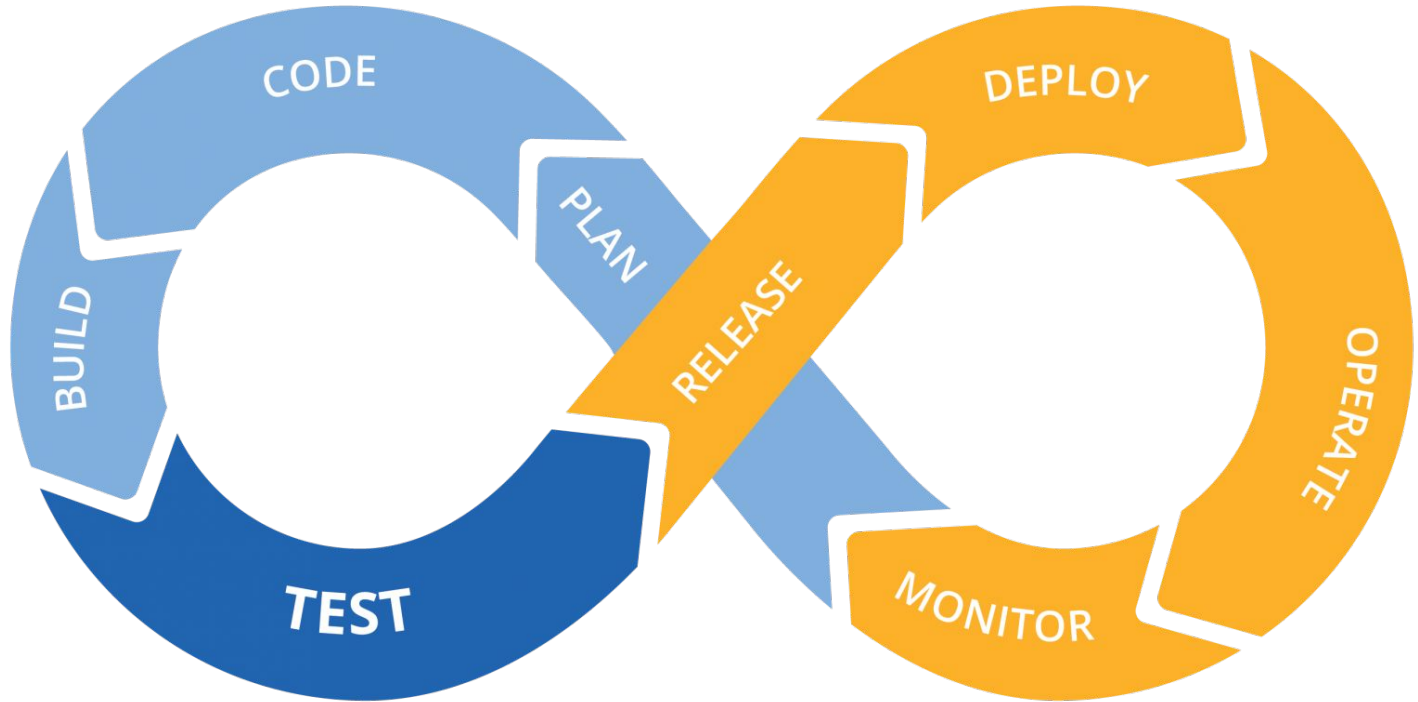
The Approach

We introduce to you the **CI/CD Approach**.

CI and CD stand for continuous integration and continuous delivery/continuous deployment. In very simple terms, CI is a modern software development practice in which incremental code changes are made frequently and reliably

It is based on the DevOps Methodology. Meaning it allows for a product to be quickly rolled out in its MVP stage yet allows the continue development of the product as well as make modification based on feedbacks from each iteration.

The Stages of CI/CD



Benefit Of CI/CD

Reduce Cost

Less developer time on issues from new developer code

Less infrastructure costs from unused resources

Cost Avoidance

Less bugs in production and less time in testing

Prevent embarrassing or costly security holes

Less human error, Faster deployments

Increase Revenue

Less time to market

New value-generating features released more quickly

Protect Revenue

Reduced downtime from a deploy-related crash or major bug

Quick undo to return production to working state



Any Question

Thank You!