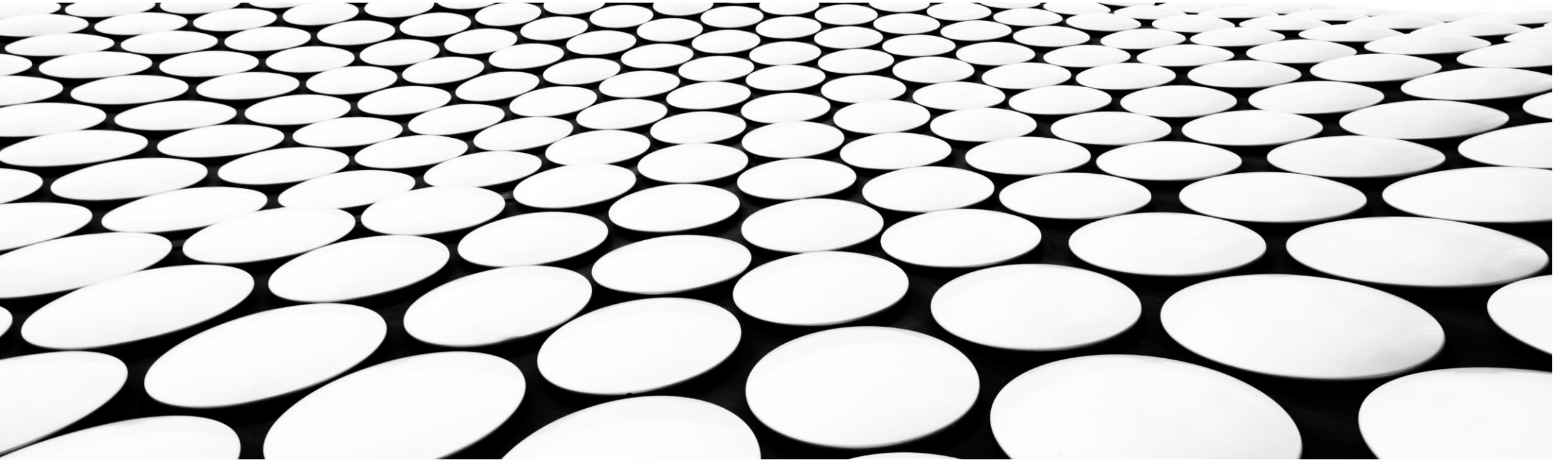

UDAPEOPLE PROJECT

MOSTAFA AHMED ABDEL-RAHMAN



WHAT IS UDAPEOPLE

- UdaPeople is a revolutionary concept in Human Resources which promises to help businesses care better for their most valuable resource: their people.
- We want to introduce a new way of onboarding this project, which will be game changer for future products of our organization

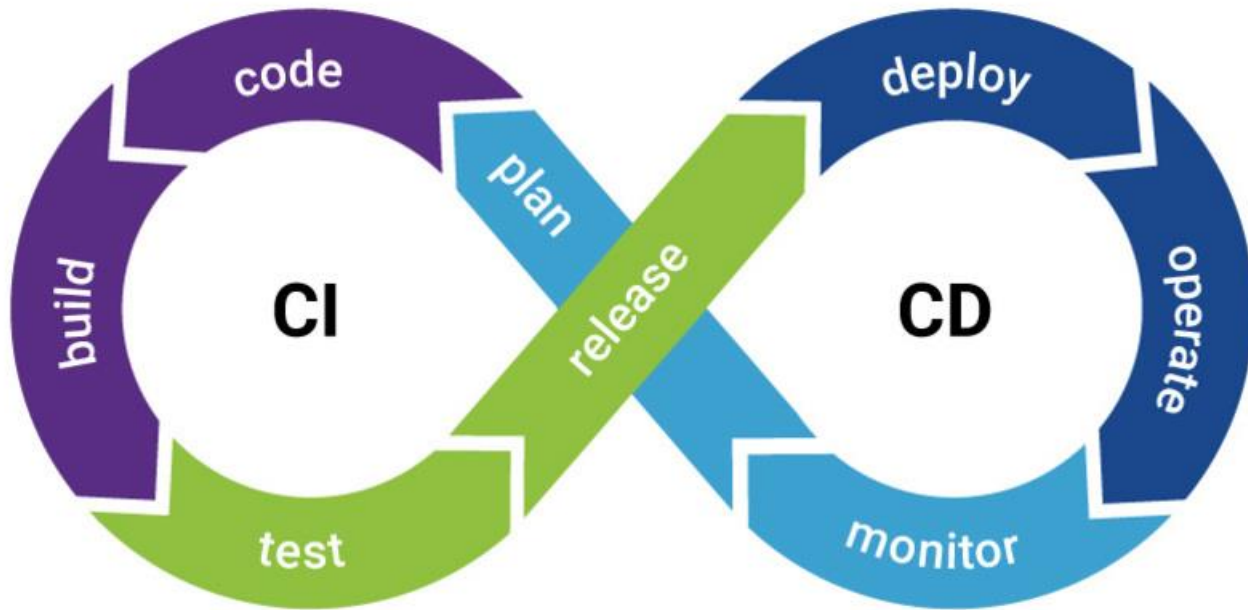


PROBLEM WITH TRADITIONAL SOFTWARE LIFECYCLE

- Changes are difficult and costly
- Large code changes leads to slow testing and delivery
- Features may not be used or required by the customer
- Large time to market
- Customer feedback and testing at the end of the project



NEW WAY TO DEVELOP (CI/CD)



What is CI/CD?

Continuous Integration (CI) allows you to continuously integrate code into a single shared and easy to access repository

Continuous Delivery (CD) allows you to take the code stored in the repository and continuously deliver it to production.

So, CI/CD creates a fast and effective process of getting your product to market before your competition as well as releasing new features and bug fixes to keep your current customers happy.

WHY CI/CD FOR COST?

How adopting CI/CD affects cost?

Avoid Cost because:

- Smaller Code Changes, Less human error, Faster deployments
- Less bugs in production and less time in testing
- Continuous testing prevent embarrassing or costly security holes

Reduce Cost because:

- Smaller backlog, less developer time on code problems, more time to innovate
- Less infrastructure costs through automating provisioning/destroying infrastructure when needed



WHY CI/CD FOR REVENUE?

How adopting CI/CD affects revenue?

Increase Revenue because:

- Fast new features release, value delivered quickly
- Less time to market
- Customer satisfaction

Protect Revenue because:

- Reduced downtime from a deployment crashes or bugs
- Faster error resolution time
- Quick rollback to return production up and running

