CI/CD

An efficient way to reduce and avoid costs and increase our revenue

By Yuri Serrano - Team Leader of UdaPeople.

What is CI/CD?

Continuous Integration: The practice of merging all developers' working copies to a shared mainline several times a day.

Continuous Delivery: An engineering practice in which teams produce and release value in short cycles.

Continuous Deployment: A software engineering approach in which the value is delivered frequently through automated deployments.

Benefits of CI/CD

The implementation of the CI/CD in the UdaPeople project will make our company:

- Reduce Costs
- Avoid Costs
- Increase our Revenue
- Protect our Revenue

How will this goal be achieved?

Avoid Cost	Reduce Cost	Protect Revenue	Increase Revenue
Less bugs in production and less time in testing	Less developer time on issues from new developer code	Reduced downtime from a deploy-related crash or major bug	New value-generating features released more quickly
Prevent embarrassing or costly security holes	Less infrastructure costs from unused resources	Quick undo to return production to working state	Less time to market
Less human error, faster deployments	-	-	-

Final Thoughts

The introduction of the CI/CD for the UdaPeople project will not only be beneficial for the development team and the company, but also for the customers who will have a better-structured product and easy deployment.

By Yuri Serrano - Team Leader of UdaPeople.