



Udacity Corp.

A Paradigm Shift for Udapeople App

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Main Topic

**Business-wise strategic importance of
CI\CD**

Summer 2022

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1 CI

1.1 What is CI?

It is a way to automate the collaboration between the developers and allow the work to be done smoothly.

1.2 Current Situation (No CI)

The possibility of errors is high **Costs Money**, and many arguments would arise about the responsibility of those errors **Reduces the efficiency of the team**.

1.3 With CI

The errors won't accumulate resulting in an easier to solve errors **Reduces Costs**, and also the errors could be easily tracked to its source **Reduces the Time to Market**, and if that error was a security vulnerability our new CI will **Prevent embarrassing**.

2 CD

2.1 What is CD?

It is a way to automate the release of the product and allow more features to be available for customers in shorter time.

2.2 Current Situation (No CD)

It requires a human to do that work which is not as reliable as computer as that is a repeatable task **Costs Money** and could result in a **High time to Market**.

2.3 With CD

The action of release would be automated **Less human error** and much faster and easier **Faster deployments**, the infrastructure would be created or removed with the demand **Reduces Costs**, some automated tests could be done **Reduced downtime from a deploy-related crash**.

3 Conclusion

CI\ CD is a must!