

CI/CD

How CI/CD affect to your
business





What is CI/CD?

CI/CD will help us to fully automate integration and delivery, we will no need human to do everything, and it will affect to our revenue and costs, here is some examples:

- Sometime you see the situation that the website down and we only know when someone raise they cannot access or manual monitoring execute. The longer time we aware website down, the higher profit we lost.
- What do you like between 2 apps, 1 is quick response, update, fix bugs and release new version with 1 is lower than. Without CI/CD your release new versions cycle will be longer, the latest value of your app will take longer time to reach to customer. It will impact your revenue.
- The automate will reduce the mistake that human will create. Higher mistake quantity, higher cost you need to pay.



How CI increase our profit?

Continuous integration (CI): is the practice of automating the integration of code changes from multiple contributors into a single software project, below are some example how it increase our profit:

- The developer's changes are validated by creating a build and running automated tests against the build => reduce human effort to validate the changes = reduce cost.
- With shorter time to wait the changes merged, the dependent works could be start and finish sooner => increase the value that your team can be created in the same time = increase profit.
- With automation checking code, testing functional - team can reduce time and effort to find and fix the bugs = reduce cost, increase quality of codebase ~ increase profit.



How CD increase our profit?

Continuous deployment (CD): is automatically deploys all code changes to a testing/production environment after build stage, below are some example how it increase our profit:

- The deployment work can be pack into 1 action can be trigger by click on 1 button from anyone who has permission => reduce the dependency to person who has technical skills - reduce human effort, reduce cost for technical employee, reduce the mistake when execute deploy process = reduce cost.
- With CD, your changes will reach to user faster and more often => increase user experience = increase income.