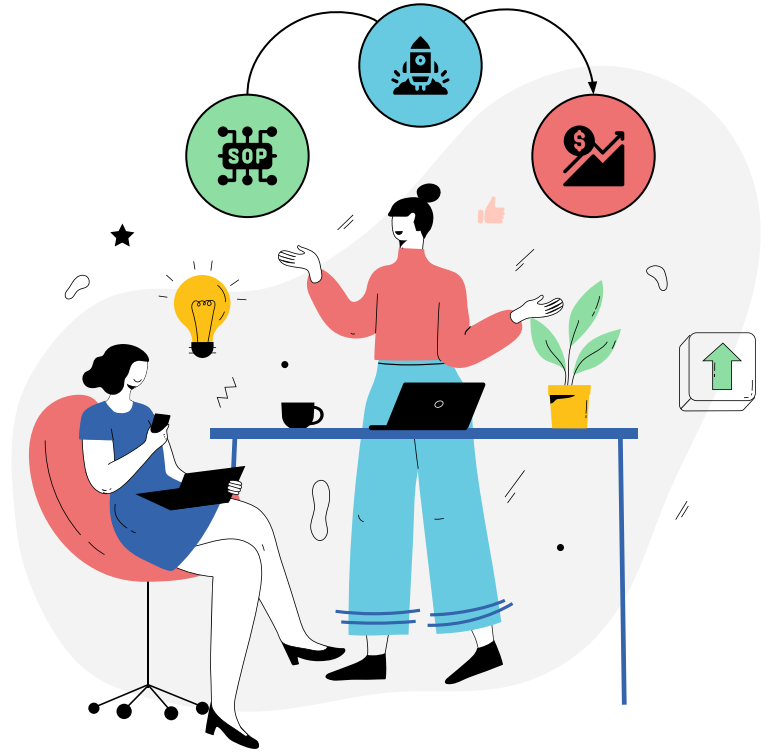


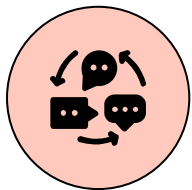
Introducing CI/CD to Our Software Products

Udacity Presentation.

Omar Aboelmagd



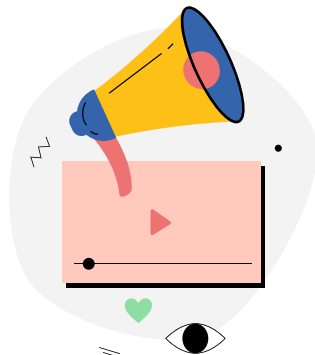
Current Delivery



Design

1/4

Typically, our developers design architecture.



Integrate & Test

3/4

They manually execute unit tests exhaustively.

Implement

2/4

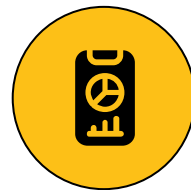
Then, they implement this in the form of software code.



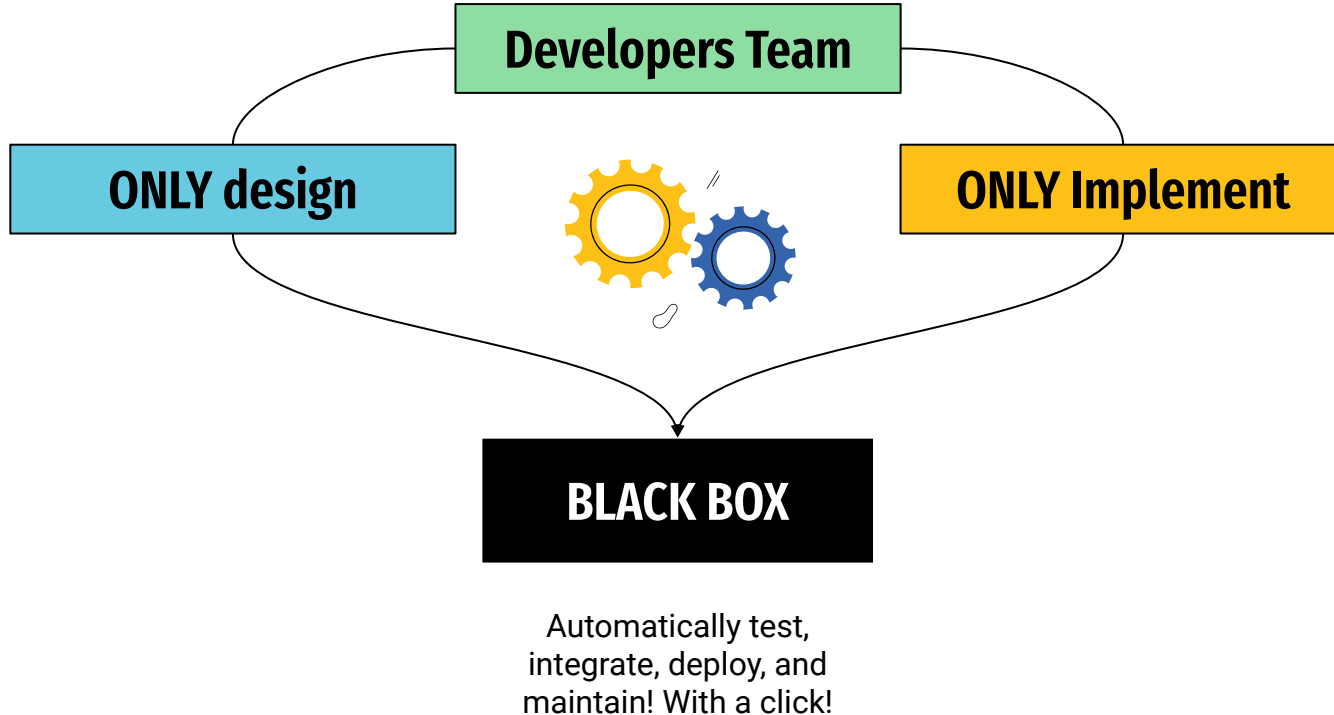
Deploy

4/4

Finally, they deploy the code into servers and maintain it, manually.

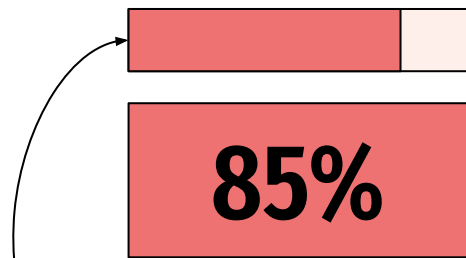


What's New? (Continuous Delivery)



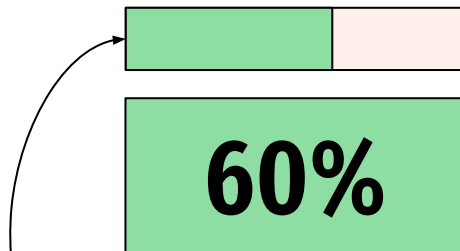
What does that mean?

Developers spend more time writing code.



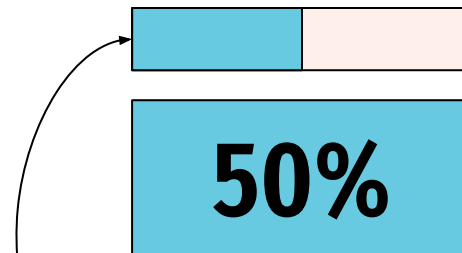
Quality Increase

Since testing is strict and has to bypass predefined conditions



Productivity Increase

This was time dedicated to building code, deploying it into servers earlier



Time to Market

Since there's a productivity increase, more developers can work on projects simultaneously.

Benefits of CI/CD

