



Modernisation of Software Delivery Process

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Overview

This brief presentation proposes a modern approach to improving our software delivery process here at UdaPeople with the objectives of optimizing costs and increasing revenues.

This approach recommends the adoption of continuous integration and delivery practices in the software delivery process





Benefits

1

Reduced costs through minimizing developer time spent on issues from new code added.
This would be achieved by automatically catching errors for newly added code

2

Minimized costs spent on fixing bugs in production and reducing time in testing.
This would be implemented through automated testing and early reporting of errors.

3

Increase revenues through enabling quicker release of value-generating features.
This would be achieved by faster and more regular deployments of software enabled by reduced time spent on manual testing and deployments.

4

Protect loss of revenue by reducing downtime from a deploy-related problems.

This is possible through implementing quick rollback of faulty deployments



Benefits

5

Minimize cost of human error from faulty deployments through implementing rigorous checks in our software deployment processes

7

Increase revenue potential by reducing time to market through replacing manual quality checks with automatic checks

6

Reduce costs spent on infrastructure by automatically cleaning up unused resources provision for testing and deployment environments

8

Avoid costs caused by security loopholes through proactive scanning of common vulnerabilities