



UDAPEOPLE

CI/CD - Don't Keep Customers Waiting

Mighty Mensa - Project 3

Overview

- What is CI/CD?
- Current state of the company
- How CI/CD helps the company
- Potential challenges

What is CI/CD?

- **Three Main Ideas**
 - Continuous Integration
 - Test Automation and combined code base
 - Continuous Delivery
 - Quick release
 - Continuous Deployment
 - Infrastructure creation and management

Current State of the Company

- Average of 5 working days to deploy new features
- Bug-infested deployments
- No documentation and notification on errors and bugs from deployment
- Few developers understand the deployment process as it is quite complicated.

How CI/CD helps the Company

- Implementation of automated tests that run before a product is delivered to the company will reduce errors encountered in production and improve **customer confidence**
- **Time to market** is greatly reduced as deployment is fully automated and does not require attention of any specific developers
- **Faster feedback** will allow developers to fix bugs quickly before customers experience and report which will directly affect their confidence in the product and therefore the company's revenue.

Potential Challenges

- Steep learning curve: Developers will need some time to get used to the new system.
- The new system will need constant maintenance, review and support

Conclusion

- The benefits of CI/CD cannot be denied. The sooner this new standard is adopted, the sooner we can begin to present customers with new and exciting features in record time