UDAPEOPLE DEVOPS

A PROPOSAL ON WHY WE SHOULD ADOPT CI/CD

CONTENT

- What is CI/CD
- Benefits Udapeople stand to gain if we adopt CI/CD

CI/CD

- **Continuous Integration(CI)** is the practice of merging all developer's working copies to a shared mainline several times a day. CI handles everything that has to do with code.
- **Continuous Deployment (CD)** A software engineering approach in which the value is delivered frequently through automated deployments. Everything related to deploying the artifact fits here

BENEFITS FOR DEVELOPERS

Less developer time on issues from new developer codes.

Less bugs in production and less time in testing.

New value-generating features released more quickly.

Reduced downtime from a deploy-related crash or major bug

TRANSLATED BUSINESS BENEFITS

- Less time on issues would reduce cost immeasurably
- Less time in testing would help to avoid costs substantially and improve shipping time
- More features in UdaPeople product would be released frequently which would increase revenue and provide customer satisfaction
- A reduced downtime period protects our revenue on the long run