UDA Project - Proposal

CI/CD proposal for UDA Project

Agenda

- How adopting CI/CD helps in reducing & avoiding cost
- How adopting CI/CD helps in increasing & protecting revenu

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- Catching compile errors after merge which will reduce time spent on detecting issues in newly merged code and hence **reducing time and resources cost**.
- Catching unit test failures has become more easier which translates to less bugs in production and less time in testing that will lead in turn to **avoiding such cost** of time and resources.
- Detecting security Vulnerabilities early will help in detecting and preventing security holes and hence **avoiding cost** of time and resources.
- Automating infrastructure creating that would lead to less human error introduced throughout the deployment process and hence faster deployments. As a result that would in return **avoid cost of time and resources**.
- Automating infrastructure clean up that would get rid of unused resources efficiently hence **reducing cost**.

How adopting CI/CD helps in increasing & protecting revenu

- New value-focused features released more quickly thanks to faster and frequent production deployments that would lead to **increasing revenue**.
- Less time to market as deployment to production now don't involve manual checks any more and that would **increase revenue too**.
- Reducing downtime from deployment crash or bug throughout automated smoke tests that would **protect our revenue**.
- Easiness of returning to the previous production working state through automated rollback on job failures that would also **protect our revenue**.