# PIPLINES

what is piplines
and why use it?
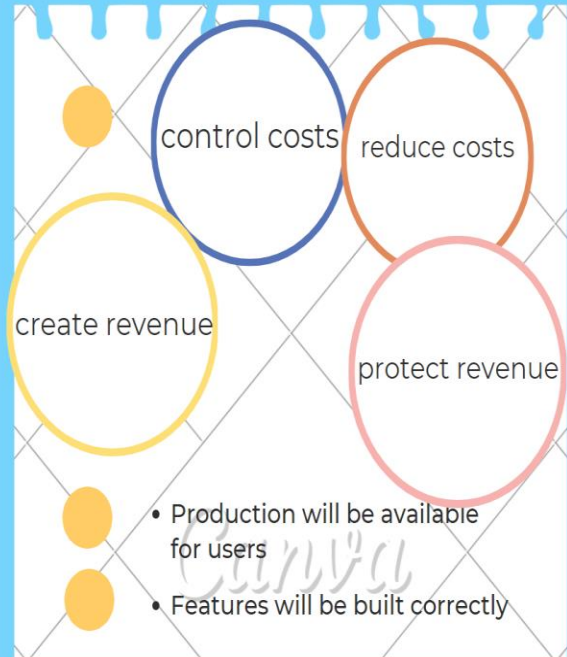
# PIPLEINES

- Imagine this. You have a great app idea, you started the development and now you are ready to launch the beta version. You launch it to your waiting list and the first thing you see is that you have a bug when people are trying to log in.
- You go into your code and you realized that it was a silly mistake you did. One piece of code you added recently crashes another. In order to avoid that in the future, here comes Continuous Integration & Continuous Delivery/ Deployment.

control costs

reduce costs

create revenue

protect revenue

- Production will be available for users
- Features will be built correctly

# CI/CD

continuous Integration , continuous deployment

Copy a sticky note, then write your thoughts.

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## why choose CI/CD?

- Build team-wide, deep understanding of each feature's requirements and characteristics before coding starts
- Write comprehensive automated unit tests in front-end and back-end layers
- Shoot for high coverage from automated back-end integration tests
- Shoot for high feature critical-path coverage from end-to-end UI tests

When I go on an online shopping spree - Jannah

- Include automated smoke tests that can be run on production-candidates
- Ensure all post-commit tasks and hand-offs must be automated in CI/CD
- Strive for quick, reliable rollback if smoke tests fail

by

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