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Devops: * Set of practice & culture changes * supported by automation tool & lean process * create automated soft delievery pipeline.	प्रम (म)
Flutomated Soft Delivery Pipeline ** Series of automated steps that fake code from development to operation of Production. (Dev)	
1- Code Development: * Developers write and modify code to add new feature. Use Tools like (IDEs) 2- Version Control	में बीचे बीचे बीचे
* Devlopers use VC system (Git) to track changes in codebase * changes record as "commit" 3- Automated Testing	
* Before changes are integrated in main codebase, Automated Test run of check errors of ensure this New code does't break existing functionally. (Unit Test etc).	
parsing the Test, code is built in executable file or package.	



Date: 5- Deployment x code deployed to a production environment * (Kubernetes, Docker) 6- Monitoring Tools track the performance of app in real time, If problem occur, provide detail *Lean Soft Dovelopment (LSD) x being elbicard & not add unnecessry features * MVP (Minimum Viable Product) * creating the most basic version of your product release it, get feedback & then make it better. Three Key Principle of Denops 1- System Thinking: * Focus on whole system, tather than just how individual fears or group perform * looking at entire forest not individual trees. 2- Amplifying feedback wop: * Info share quickly blu teams including feedback from users (inside or outside the organization Improve

Build automate Test Porto pipeline so developer get feedback embad operation engineer



Date:
3- Culture of Continual Experiment
* create environment where people not agraid of experiment & make mistake.
* rewards the teams for try new idea.
7 Principles:
1) Eliminate waste 2) Building Quality 3) Creating Knowledge 4) Differing commitment 5/ Deliver Fost 6) Respect Teople
3) Creating Knowledge (1) Differing commitment 5) Deliver Fost 6) Respect Teople
7) Optimize the whole
X
AZURE
Azive Cloud:
offer doud based product include compute, storage, database, network etc,
cloud computing
how resources are delinered & manage over the internet.
Azure Active Directory
+ Allow people to access various services & app
* Single Sign-In (SSO) using one credential to access multiple Services.
to access multiple services.

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* cloud Architecture

* front-end (device use to access cloud)

* Back-end (servers & Storage)

* Delievery Model (Scians, Paas, I a as) * Netwook (IP, routing etc)

A Azure Service Plan

web app or service you want to run in Azur * Service plan lets you specify how much memory Or power your app should have

* It allow you to choose region wher app will hosted.

* Azure APP Service

* platform to build, deploy & scalling web apps * put your appin container to keep them

organized of easy to manage, * App can easily connect to other services to store data send emails

* when more people use your app fizure automatically add more resources like make computer faster (Auto Scalling)

* Test changes to your app before put them in production.

* Deploy using portal or or zure al.

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Azure Function

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GIT HUB

* Development platform that lets you host, review, code & mange project

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Distributed version control system (DVCS)

that allows multiple developer to work together.

H allow you to create diff byanches.

(DVCS):

of project & then merge together.

Branches:

allow you to create branches to work on specific features without disrupting main project.

GITHUB:

cloud platform simplifies process of collaborating on project of provide website, CLI tools that allow developer to work together.

1- Issues

To-do list, create issues to report problem or suggest improvement a the team discuss them

2-Noti ficalion

get alort about activities like comment on issues - pull reg reviews.