



Assignment 2

Aim: To understand Devilps: Principles, Practices and Devilps lengineer Role and Responsibility.

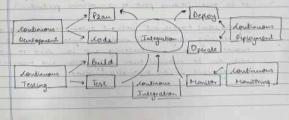
what is Devops?

Design is a collaborative approach where teams work together to louise and deliver software efficiently. It counts software development (ow) and operations (ops) to decide how to accelerate delivery Through automation, collaboration fast feedback and intellectual improvement built on Agile methodology, only creates a culture of accountability collaboration and shared supprovisities for lessman outcomes.

Love Principles:

- 1. Develop and test in production like environment
- 2. Deploy enuldo frequently
- 3 continuously walidate operational quality

Devops Practices:





Continuous Development: this is the phase that involves planning and managing build of the software applications functionality.

example: git, github maven etc.

Nontrinous Testing: executing automated tests, continuously and expectearly against the code base and the warious deployment excitionments. It is a software desting methodology which focuses on achieving continuous quality and improvement example: Bambos appium

Southneon Integration: Hefors to the build and unit testing stages of the software vulcals process luny runsion that is committed triggers are automated thuild and dest enample: Jouling Travol viriles

Nontinuous Delivery and Development originals from nontinuous integration, a method to develop, build and test new node orapidly with automation so that only node that so know to be good Meanus part of a software product

Impostructure transgement: writhout automation seculding and unaintaining stange scale unodel it systems can be a resource and endertaking and can lead to increased such due to manual error configuration and resource management up an automated method

