Assignment Scenario? Hssignment
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My is Devops a major requirement in Joday's

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Development & Deployment

Jar better on software. Due to development/
deployment speed and stability at much faster rate

deployment speed and stability at much faster rate which in cludes faster software releases, optimized Process, enhanced trust and ability to resolve critical issues quickly-better serves to customers.

=) Agile refers to the faster delivery of the product.

It guarantees the problem are fixing at every stage are phases rather than finding problem after the product is launched. More products put in the market with witness quality and security.

(3) Reduced Overall Costs

=> Implementing Devops methodology reduces overall operational costs and IT staff requirements due to better productivity from staff and optimal resource utilisation.

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Explain the Devops tool in detail. Ans > Devops Tool is an application that helps automate On In Software development process. It mainly focuses On the Communication & collaboration between product management, software development, and operations

Profession. Profession. 1. Version Control Dool: Git (Gitlab, Github, BitBucket)

3) Git is a distributed version control System for tracking

9 changes in computer files. 2. Build Jool: Kubernetes, Docker, Maven These are Emportant tools in DevOps for building process projects. It eases the build and monitoring process. through automation & maintains a uniform build process. Kubernetes & Docker are container platform. 3. CI/CD (Continuous Integration/Continuous Deployment) Most popular software for CI/CD is Jenkins.

Jenkensko is an open-source Java based automated

CI server that supported by multiple OS. They can

also be deployed on cloud based platform. 4. CM (Configuration Management Jool); Ansible It refers to the main tainance & control of the component of large complex system. Ansible is an open-source cm Der Ops tool that is used for deployment, automation and Maintainence. Other example includes Puppet & Chej. Section - A 1918257