CLASSEC Development

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**Story**

Creation of Docker files and configuration of containers.

Azure static and dynamic data merging.

Kubernetes set up with 1 master and 2 nodes.

**Tasks**

1**.Created the Docker files for UI,Go Intelligence and Database:-**Created Docker files with base as ubuntu image with latest version.

2.**Configuration of containers:-**Configured i.e successfully linked the containers for inter-communication between each.(UI,Go Intelligence,Database)

3)**Merged the static and dynamic data for Azure:**Created the api for merging static and dynamic data for Azure and created database table for the same.

4)Setting up the kubernetes with 1 master ans 2 nodes on 110.110.110.102(master),110.110.110.103(node1),110.110.110.104(node2)

**Environment**

Centos 7

Go 1.7

Docker 1.12.5

**Modules impacted**

Dockerfile

classec\src\gclassec\controllers\azurecontroller\azure\_controller.go

classec\src\gclassec\server\main.go

**Configuration**

Configured the Docker containers for inter-communication between them.

Configured the kubernetes on 3 different VM's.

**challenges faced**

To pull data from private git through dockerfile by passing username and password in a single command .

While creating Docker while issue with CentOS as was unable to restart sshd service through Docker file,it worked fine with ubuntu.

**Complexity**

Medium

**Further comments**

Successful completion of sprint 1.