Capstone-Project01\_updated

Graphical user interface, text, application, email

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Git Hub Repo Link: <https://github.com/kaustubhmali02/devops-capstone-project-1>

* Created 4 instances as per below

A picture containing graphical user interface

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* Configured all other nodes [Jenkins Master, worker – 1, worker - 2] with node: Ansible Master

<https://github.com/kaustubhmali02/devops-capstone-project-1/blob/master/ansible/playbook.yaml>

* Jenkins Develop branch pipeline (With trigger if there is a push made to the develop branch)

<https://github.com/kaustubhmali02/devops-capstone-project-1/blob/master/ansible/files/jenkins-pipeline-develop>

Stage 1. Git Repo

Stage 2. Build the docker file

Stage 3. Create a volume if needed – running a script for volume creation if needed:  
 <https://github.com/kaustubhmali02/devops-capstone-project-1/blob/master/ansible/files/create-volumes.sh>

Stage 4. Run the docker file

Graphical user interface, text, application

Description automatically generated

* Jenkins Master branch pipeline (With trigger if there is a push made to the master branch)

<https://github.com/kaustubhmali02/devops-capstone-project-1/blob/master/ansible/files/jenkins-pipeline-prod>

Stage 1. Git Repo

Stage 2. Build the docker file

Stage 3. Create a volume if needed – running a script for volume creation if needed:  
 <https://github.com/kaustubhmali02/devops-capstone-project-1/blob/master/ansible/files/create-volumes.sh>

Stage 4. Run the docker file

Stage 5. Stop all old containers – running a script for Stopping and cleaning the containers if needed.

[https://github.com/kaustubhmali02/devops-capstone-project-1/blob/master/ansible/files/check-running- containers.sh](https://github.com/kaustubhmali02/devops-capstone-project-1/blob/master/ansible/files/check-running-%20%20containers.sh)

Stage 6. Build the docker file

Stage 7. Run the docker file

Text

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Running the test in a docker container (develop server)

Text

Description automatically generated

Running the website in a docker container on worker node after testing the website in selenium - 1 (prod server)

Graphical user interface, text, application, website

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