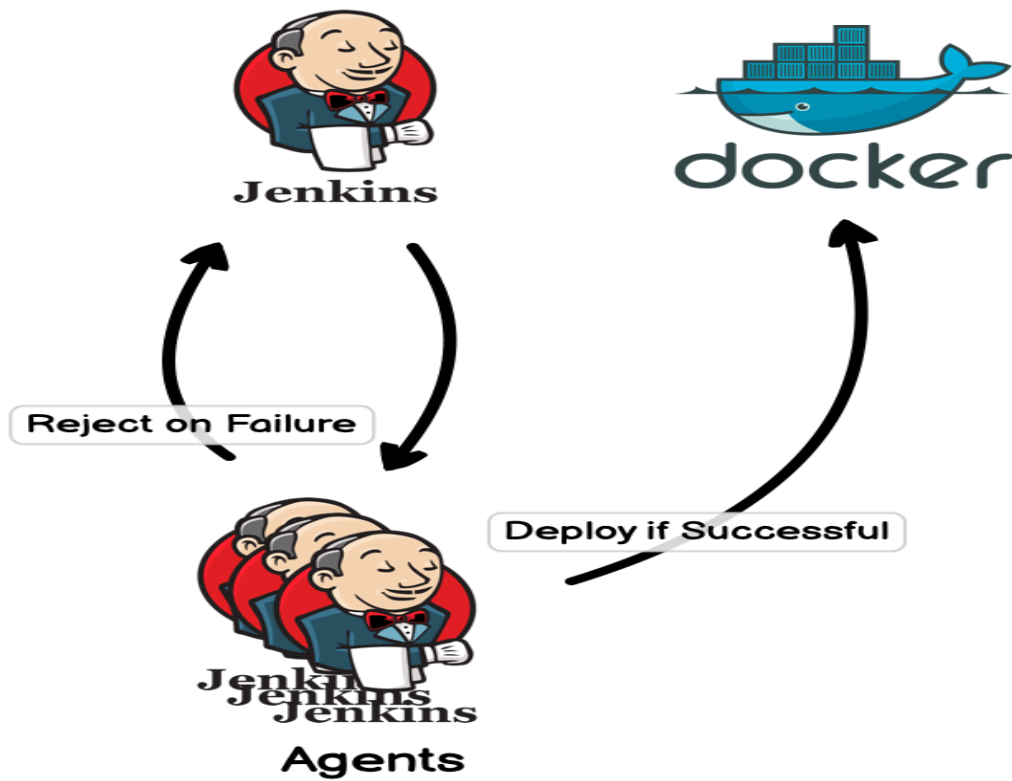# Project Architecture:

Jenkins Plugins:

Docker: integrating Jenkins with Docker

Pipeline: orchestrating automation

Pipeline Graph View: providing "Pipeline Graph" visualization of a pipeline job run

Blue Ocean: providing modern UI for Jenkins

Jenkins Screenshots:

Jenkins-Docker-app 1 >

Pipeline   Changes   Tests   Artifacts   Logout

Branch: main   14m 8s   No changes
Commit: b3154b0   19 hours ago   Branch indexing

Start   Checkout Code   Log   Build   Log into Docker Hub   Push   End

Push - 8s   Restart Push

✓ > docker push 586958/curr-front-end:latest — Shell Script   8s

Jenkins-Docker-app 1 >

Pipeline   Changes   Tests   Artifacts   Logout

Branch: main   14m 8s   No changes
Commit: b3154b0   19 hours ago   Branch indexing

Start   Checkout Code   Log   Build   Log into Docker Hub   Push   End

Log into Docker Hub - 4s   Restart Log into Docker Hub

✓ > docker login -u $DOCKERHUB_USER -p $DOCKERHUB_PASSWORD — Shell Script   4s