AWS DEPLOYEMENT

ECS CLUSTER –tweetapp

This cluster has 5 services-

* [tweet-ui-service](https://ap-south-1.console.aws.amazon.com/ecs/home?region=ap-south-1#/clusters/tweetapp/services/tweet-ui-service/details) with task definition [task-definition-pipeline](https://ap-south-1.console.aws.amazon.com/ecs/home?region=ap-south-1#/taskDefinitions/task-definition-pipeline/5) is deployed through code pipeline named [tweet-ui-service-pipeline](https://ap-south-1.console.aws.amazon.com/codesuite/codepipeline/pipelines/tweet-ui-service-pipeline/view?region=ap-south-1)

Docker image on private ECR- 527121674197.dkr.ecr.ap-south-1.amazonaws.com/tweet-ui-service-ecr:latest

URL- <http://3.111.245.87:9090/swagger-ui.html>

* [auth-service](https://ap-south-1.console.aws.amazon.com/ecs/home?region=ap-south-1#/clusters/tweetapp/services/auth-service/details) with task definition [auth-service-td](https://ap-south-1.console.aws.amazon.com/ecs/home?region=ap-south-1#/taskDefinitions/auth-service-td/1) for Authentication service

Docker image -smriti8647/authentication-service:latest

URL- <http://52.66.199.140:8082/swagger-ui.html>

* [mongo-service](https://ap-south-1.console.aws.amazon.com/ecs/home?region=ap-south-1#/clusters/tweetapp/services/mongo-service/details) with task definition [mongo-task-definition](https://ap-south-1.console.aws.amazon.com/ecs/home?region=ap-south-1#/taskDefinitions/mongo-task-definition/4) for database

Docker image-mongo from dockerhub

can be accesed through- 13.233.214.79:27017

* [tweet-update-service](https://ap-south-1.console.aws.amazon.com/ecs/home?region=ap-south-1#/clusters/tweetapp/services/tweet-update-service/details) with task definition [tweet-update-task-definition](https://ap-south-1.console.aws.amazon.com/ecs/home?region=ap-south-1#/taskDefinitions/tweet-update-task-definition/1) for tweet-update-service

Docker image- smriti8647/update-service:latest

URL- <http://15.207.99.206:6200/swagger-ui.html>

CODE PIPELINE

[tweet-ui-service-pipeline](https://ap-south-1.console.aws.amazon.com/codesuite/codepipeline/pipelines/tweet-ui-service-pipeline/view?region=ap-south-1)

**Source** - github (https://github.com/Smriti8647/producer-service/tree/main) a github connection is created- arn:aws:codestar-connections:ap-south-1:527121674197:connection/79579311-5cd0-4629-a913-78e3847d1199

**Build** - Code Build project ([tweet-spring-ui-service-build](https://ap-south-1.console.aws.amazon.com/codesuite/codebuild/527121674197/projects/tweet-spring-ui-service-build/history?region=ap-south-1)) done with buildspec.yml A Private ECR is created with URI -527121674197.dkr.ecr.ap-south-1.amazonaws.com/tweet-ui-service-ecr to save the docker image created by instructions mentioned in buildspec.yml.

**Deploy** –ECS ([tweet-ui-service](https://ap-south-1.console.aws.amazon.com/ecs/home?region=ap-south-1#/clusters/tweetapp/services/tweet-ui-service/details))