

SCOPE

FALL SEMESTER 2025-2026

LAB ASSESSMENT -2

Slot: L13+L14

Class: VL2025260105679

Programme Name & Branch: B.

Tech CSBS Tellore Institute of Technol

Course code & Title: CBS3005CLOUD, MICROSERVICES AND
APPLICATIONS LAB BASED
COMPONENTS

Faculty Name: NITHYA K

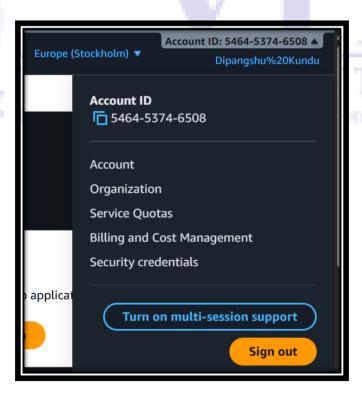
SUBMITTED BY: -DIPANGSHU KUNDU

REGISTRATION NUMBER: - 22BBS0148

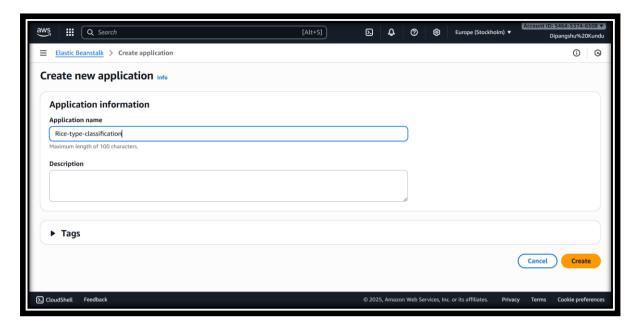
QUESTION:

(i) Create a simple web application using your preferred programming language and framework (e.g., Node.js, Python, Java etc.). Ensure the application is fully functional and ready for deployment. Initialize an AWS Elastic Beanstalk environment for your application. Choose the appropriate platform (e.g., Node.js, Python, Java) and configure the environment settings. Package your web application and deploy it to the Elastic Beanstalk environment. Access the deployed web application via the Elastic Beanstalk URL provided. Test its functionality to confirm that the deployment was successful and that the application is accessible and performs as expected.

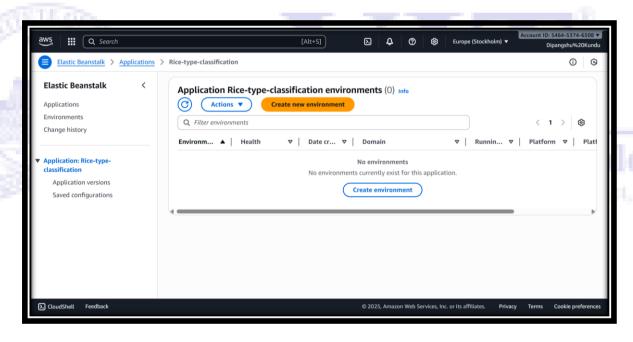
SOLUTION: -

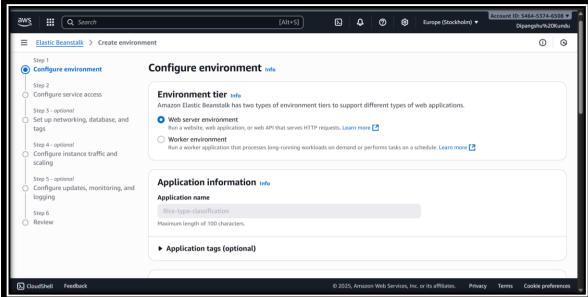


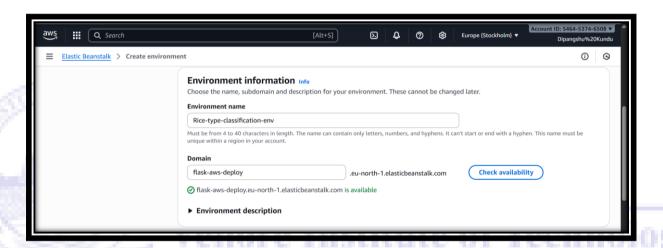
CREATING A NEW APPLICATION

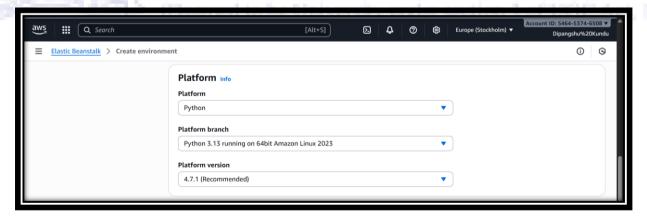


CREATING AND CONFIGURING AN ENVIRONMENT

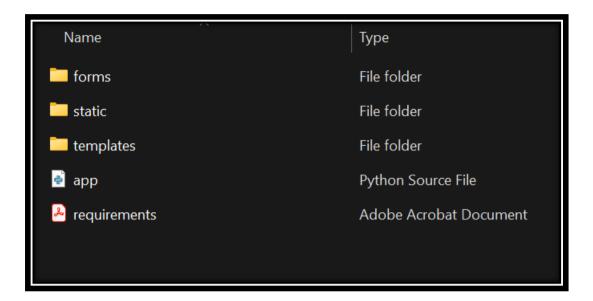


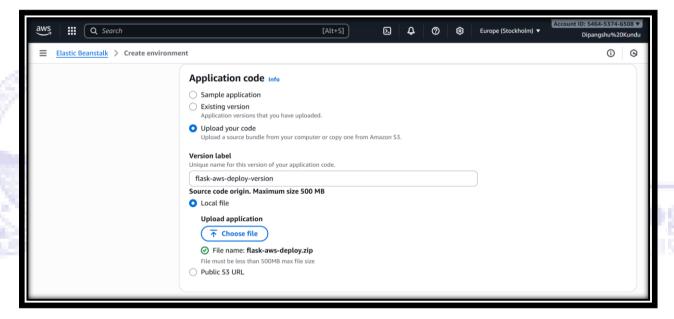




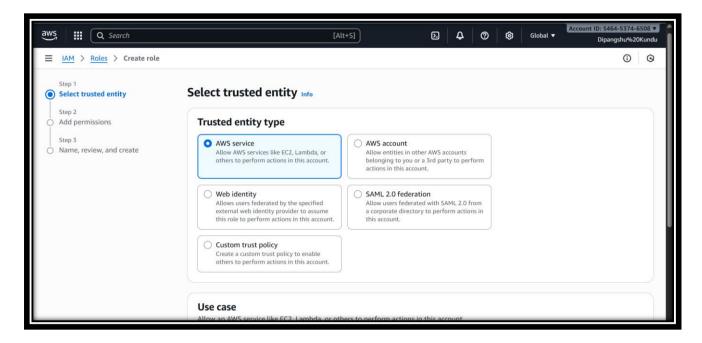


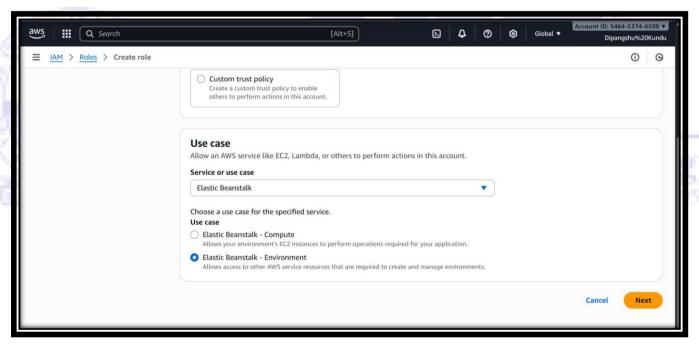
STRUCTURE OF FOLDER AND UPLOADING THE ZIP FILE

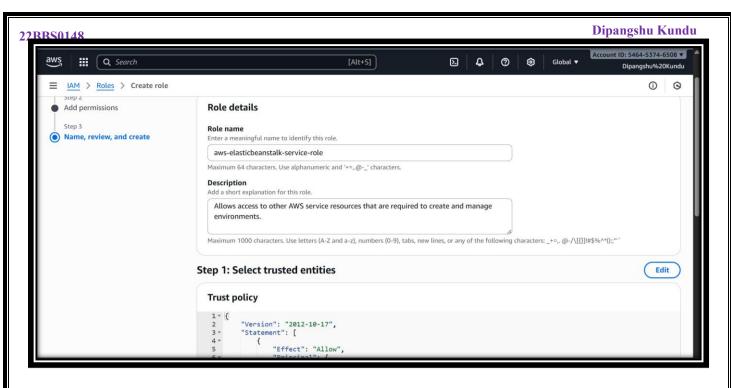


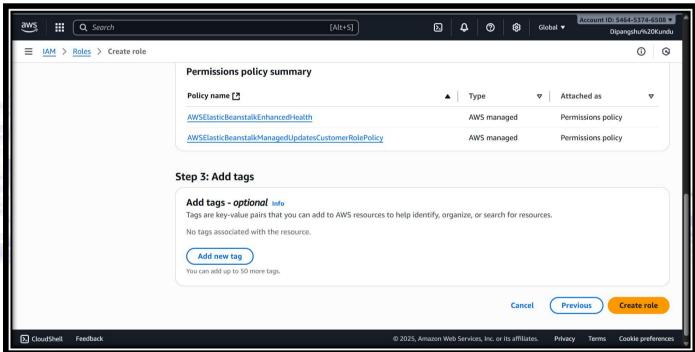


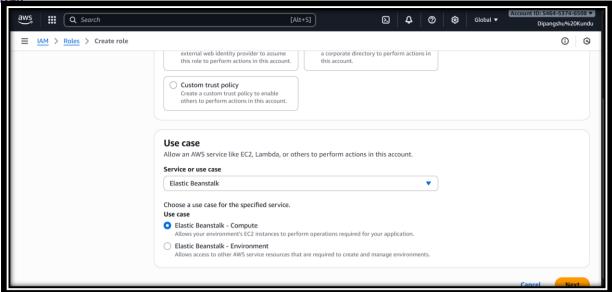
CREATING THE SPECIFIC ROLES REQUIRED

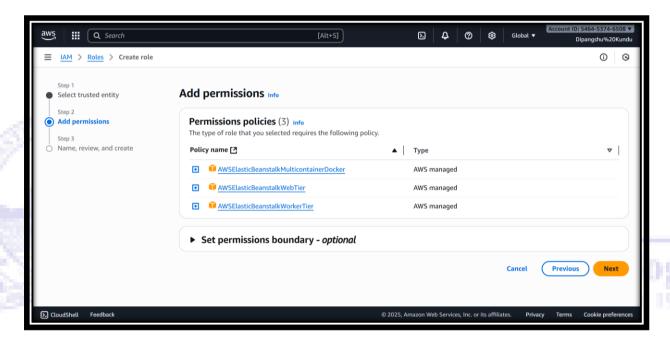


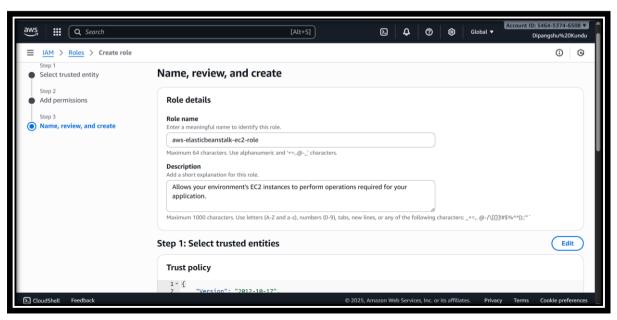


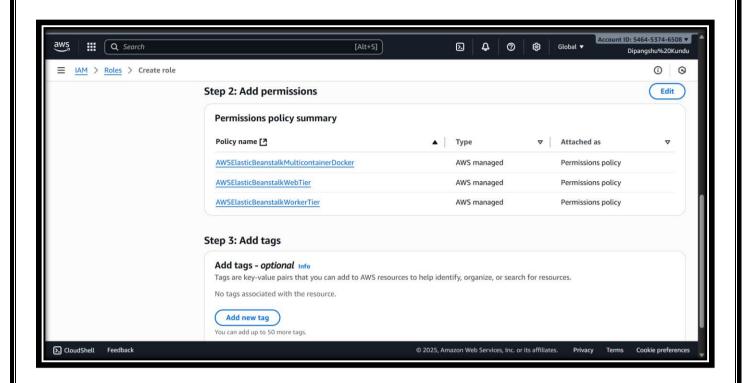


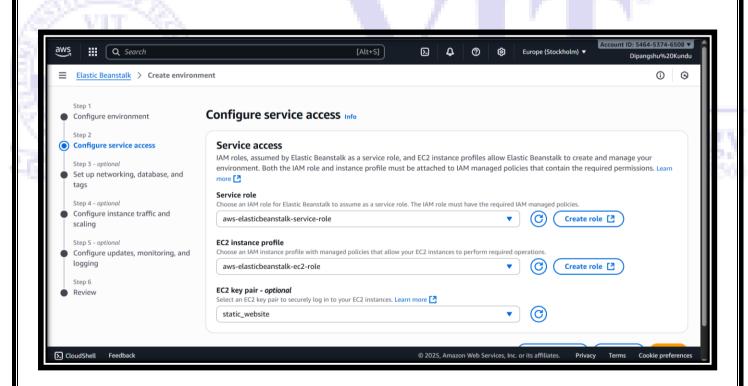


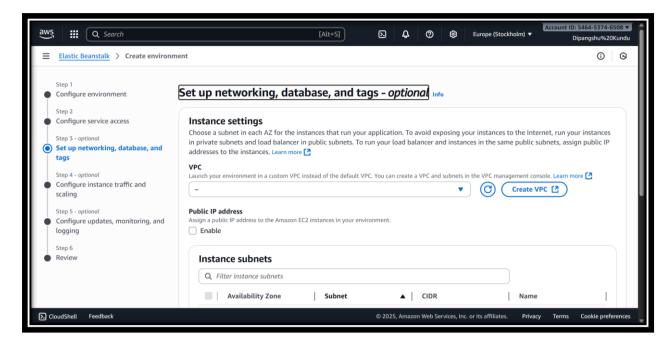


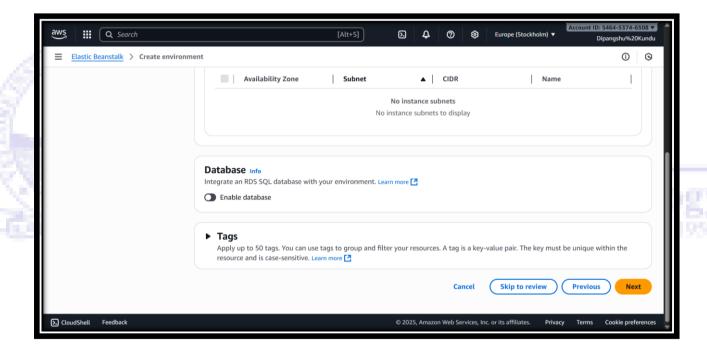




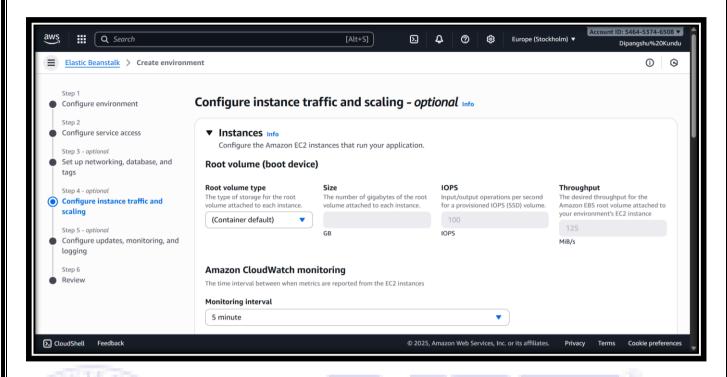


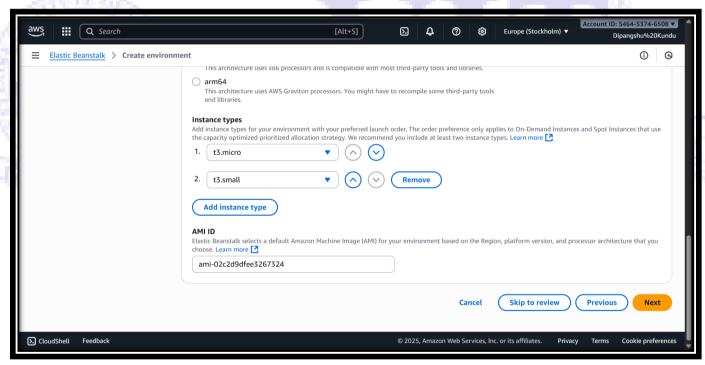


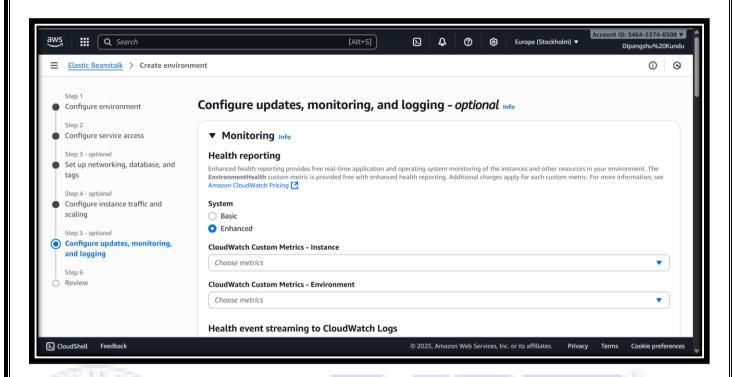


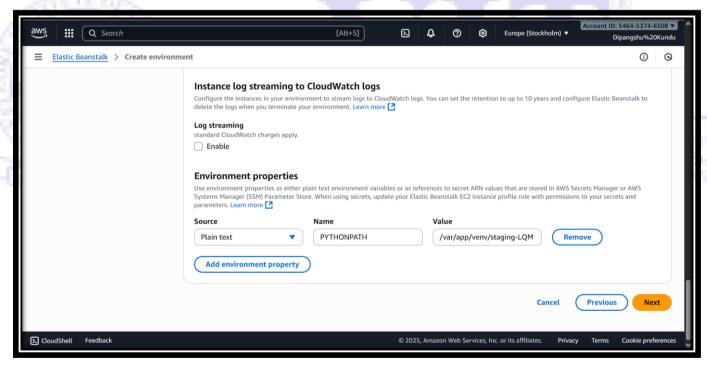


SUBMITTING THE REVIEW

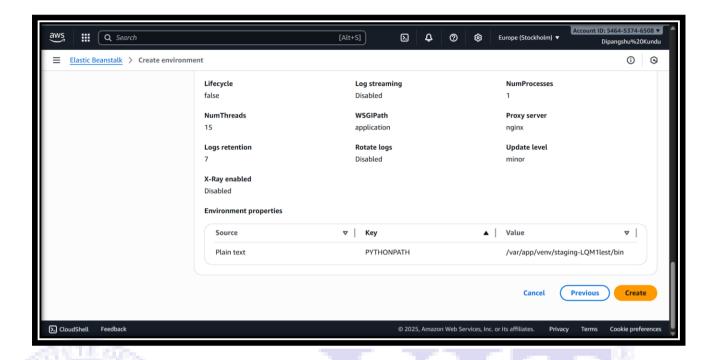




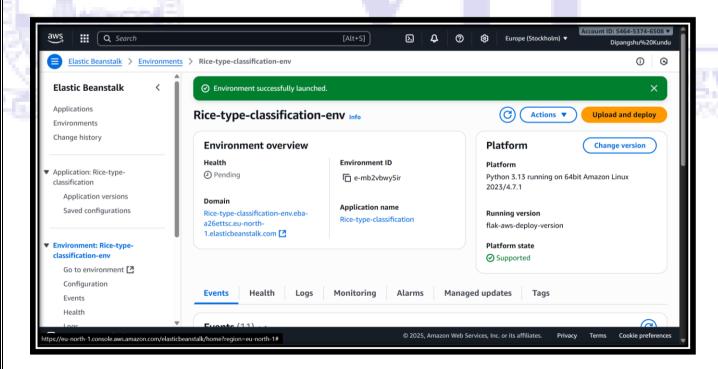




Dipangshu Kundu

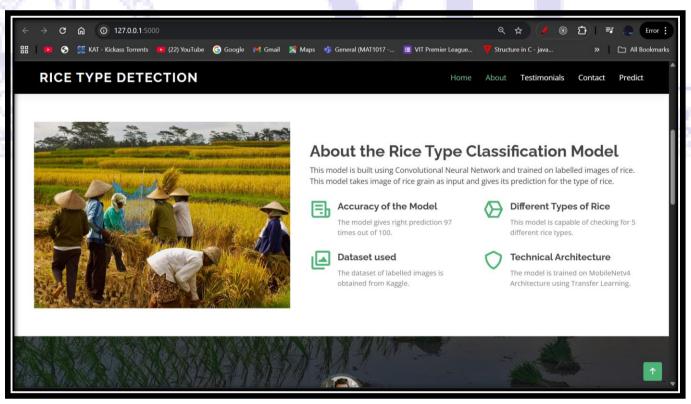


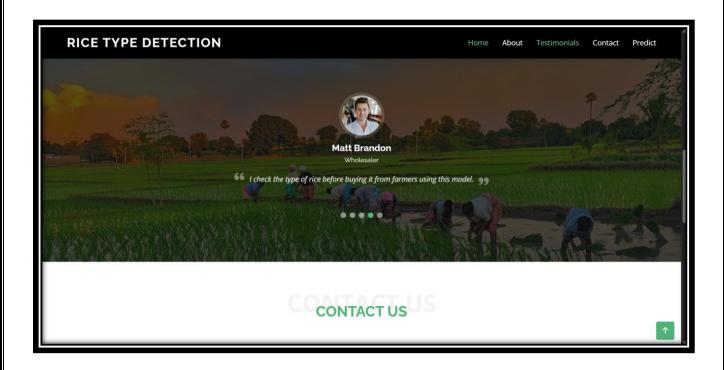
ENVIRONMENT SUCCESSFULLY LAUNCHED

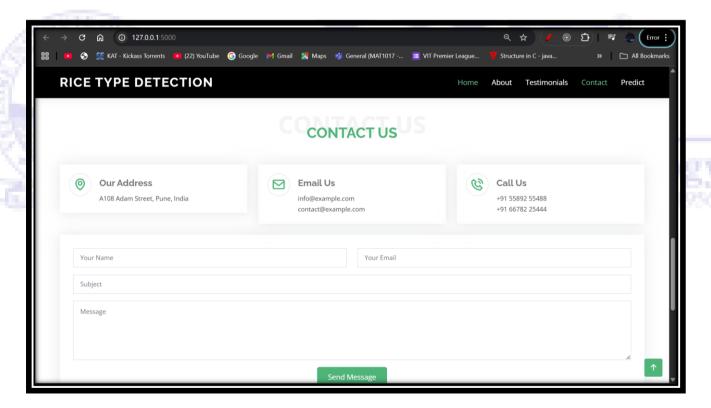


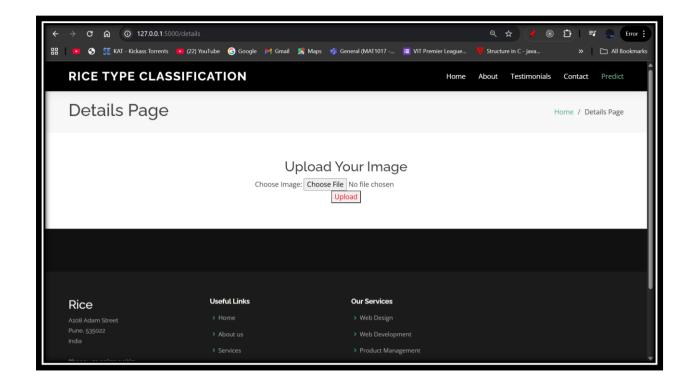
OUTPUT SCREENSHOTS:











WEBSITE LINK FROM AWS ELASTIC BEANSTALK(THIS LINK WILL NOT WORK AFTER A CERTAIN TIME DUE TO ITS FREE TIER NATURE)

VIT

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