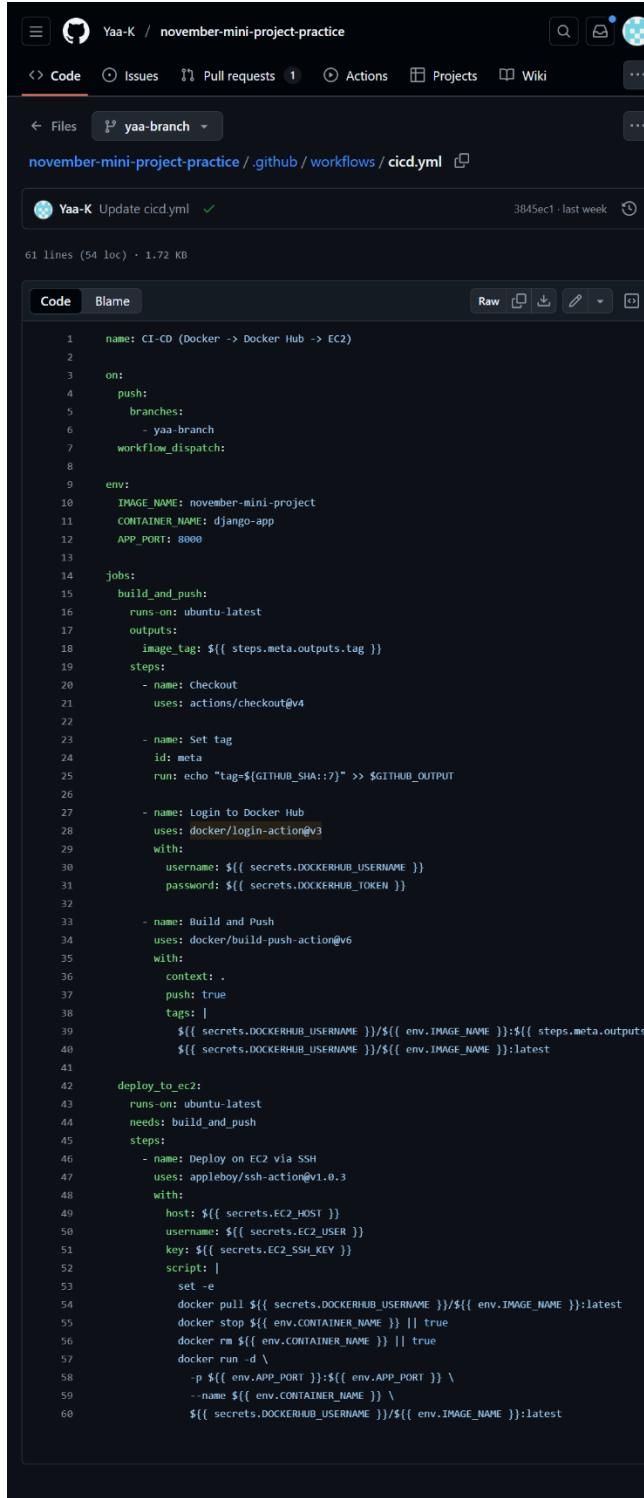


Group E

1. Screenshot of .github/workflows/cicd.yml



The screenshot shows a GitHub repository named "november-mini-project-practice" with a branch "yaa-branch". The file ".github/workflows/cicd.yml" is open in the code editor. The code defines a CI-CD pipeline with jobs for building and pushing to Docker Hub, and deploying to EC2 via SSH.

```
name: CI-CD (Docker -> Docker Hub -> EC2)
on:
  push:
    branches:
      - yaa-branch
  workflow_dispatch:
env:
  IMAGE_NAME: november-mini-project
  CONTAINER_NAME: django-app
  APP_PORT: 8000
jobs:
  build_and_push:
    runs-on: ubuntu-latest
    outputs:
      image_tag: ${{ steps.meta.outputs.tag }}
    steps:
      - name: Checkout
        uses: actions/checkout@v4
      - name: Set tag
        id: meta
        run: echo "tag=${{GITHUB_SHA}}" >> $GITHUB_OUTPUT
      - name: Login to Docker Hub
        uses: docker/login-action@v3
        with:
          username: ${{ secrets.DOCKERHUB_USERNAME }}
          password: ${{ secrets.DOCKERHUB_TOKEN }}
      - name: Build and Push
        uses: docker/build-push-action@v6
        with:
          context: .
          push: true
          tags: |
            ${{ secrets.DOCKERHUB_USERNAME }}/${{ env.IMAGE_NAME }}:${{ steps.meta.outputs.tag }}
            ${{ secrets.DOCKERHUB_USERNAME }}/${{ env.IMAGE_NAME }}:latest
  deploy_to_ec2:
    runs-on: ubuntu-latest
    needs: build_and_push
    steps:
      - name: Deploy on EC2 via SSH
        uses: appleboy/ssh-action@v1.0.3
        with:
          host: ${{ secrets.EC2_HOST }}
          username: ${{ secrets.EC2_USER }}
          key: ${{ secrets.EC2_SSH_KEY }}
          script: |
            set -e
            docker pull ${secrets.DOCKERHUB_USERNAME}/${env.IMAGE_NAME}:latest
            docker stop ${env.CONTAINER_NAME} || true
            docker rm ${env.CONTAINER_NAME} || true
            docker run -d \
              -p ${env.APP_PORT}:${env.APP_PORT} \
              -name ${env.CONTAINER_NAME} \
              ${secrets.DOCKERHUB_USERNAME}/${env.IMAGE_NAME}:latest
```

2. Screenshot of a successful GitHub Actions run

The screenshot shows the GitHub Actions interface for a repository named "november-mini-project-practice". A specific run titled "Update cicd.yml #2" is displayed, which was triggered last week. The status is "Success" with a duration of 55s and one artifact produced. The workflow step "cicd.yml" (on: push) consists of two steps: "build_and_push" (28s) and "deploy_to_ec2" (18s), both of which are marked as green (successful). Below the workflow, there is a "Docker Build summary" section with a download link for the Docker build record (17.22 KB). There is also a "Build inputs" table and sections for "Job summary generated at run-time" and "Artifacts". An artifact named "Yaa-K~november-mini-project-practice~3T9RIM.dockerbuild" is listed with a size of 17.2 KB and a digest of sha256:97d27e546871ff9da... .

3. Screenshot of the application running live on EC2

The screenshot shows a web browser window for "StudyBuddy - Find study partners". The URL is "Not secure 51.20.2.105:8000". The page displays a "StudyBuddy" header with a search bar and a "Login" button. On the left, there's a "BROWSE TOPICS" sidebar with categories like All, Python (3), Designers (1), Vue JS (1), and C# (1). In the center, there's a "STUDY ROOMS" section showing 7 rooms available, with a "Create Room" button. One room is highlighted: "@praveen" posted "Vue JS Developers Assemble!" 4 years, 3 months ago, with 5 Joined members. On the right, there's a "RECENT ACTIVITIES" sidebar showing posts from "@dennis" and "@shuvo" 4 years, 3 months ago.

4. EC2 public IP address and application port

i-014ba522efb4cd12c (November-Project)  

< Details | Status and alarms | Monitoring | Security | Networki | >

▼ Instance summary Info

Instance ID  i-014ba522efb4cd12c	Public IPv4 address  51.20.2.105 open address ↗
Private IPv4 addresses  172.31.37.137	IPv6 address -