

TUGAS UAS

ADITYA MAULA WIRATAMA

NIM : 1123150013

Link github : <https://github.com/KicaiBadai>

Link DockerHub : <https://hub.docker.com/repositories/kulithitam>

Langkah langkah

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository](#)

Required fields are marked with an asterisk (*).

Owner * Repository name *

 KicaiBadai / UAS_PCC_ADITYA_MAUL is available.

Great repository names are short and memorable. Need inspiration? How about [jubilant-train](#)?

Description (optional)

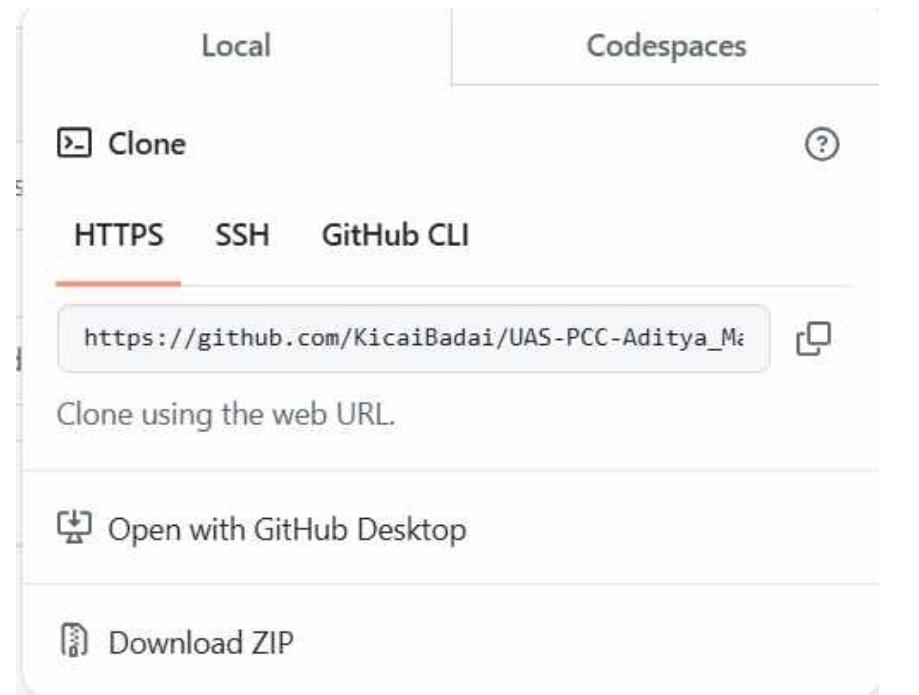
 Public
Anyone on the internet can see this repository. You choose who can commit.

 Private
You choose who can see and commit to this repository.

Initialize this repository with:

Add a README file.
This is where you can write a long description for your project. [Learn more about READMEs](#).

Add .gitignore



Git checkout -b development + index

```
git push -u origin development
remote: warning: You appear to have cloned an empty repository.
remote: 
remote: You are currently checking out a non-existent workflow branch named 'development'. Did you mean to checkout 'main'?
remote: 
remote: To prevent this message from appearing again, you can run:
remote:   git config劝告.workflowBranchWarning false
remote: 
remote: 
remote: 
remote: Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote: compressing delta: 0M(0%), completed with 2 local objects.
remote: 
To https://github.com/KicaiBadai/UAS-PCC-Aditya_M.git
  branch development
  pushed 0 files to remote
  total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
  branch development
  pushed 0 files to remote
  total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
```

Git checkout main + git merge development

```
PS C:\Users\Velltya\Project_06\MSA-POC-Astyia_Maula_Wiratama-2025> git checkout development
Switched to branch "development"
PS C:\Users\Velltya\Project_06\MSA-POC-Astyia_Maula_Wiratama-2025> git checkout main
Switched to branch "main"
Your branch is up to date with "origin/main".
PS C:\Users\Velltya\Project_06\MSA-POC-Astyia_Maula_Wiratama-2025> git merge development
```

Buat DockerFile dan buildnya

```
FROM apache/apache
LABEL Maintenance="Astyia Maula"
ENV MURL="http://astyia-maula.com"
ENV APPNAME="astyia-maula-v1"

COPY index.html /var/www/html/index.html
EXPOSE 80
```

```
PS C:\Users\Velltya\Project_06\MSA-POC-Astyia_Maula_Wiratama-2025> git checkout development
Switched to branch "development"
PS C:\Users\Velltya\Project_06\MSA-POC-Astyia_Maula_Wiratama-2025> git checkout main
Switched to branch "main"
Your branch is up to date with "origin/main".
PS C:\Users\Velltya\Project_06\MSA-POC-Astyia_Maula_Wiratama-2025> docker build -t astyia-maula/msa-astyia-maula-wiratama-2025
```

Dan run

```
PS C:\Users\Aditya\Project_Uas\UAS-PCC-Aditya_Maula_Wiratama-2025> docker run -d -p 8080:80 uas-pcc-aditya_maula_wiratama-2025  
3d96a5cf08702bc1d3084672a3a9a826d2a83523ccbb53026ee0c4faed6b2aa  
PS C:\Users\Aditya\Project_Uas\UAS-PCC-Aditya_Maula_Wiratama-2025>
```

Jalankan push docker

```
PS C:\Users\Aditya\Project_Uas\UAS-PCC-Aditya_Maula_Wiratama-2025> docker push kulithitam/uas-pcc-aditya_maula_wiratama-2025
```

Masuk action dan buat secret

The screenshot shows the GitHub Actions secrets management interface. On the left, there's a sidebar with options like Tags, Rules, Actions, Webhooks, Environments, Codespaces, and Pages. Under Actions, 'Secrets and variables' is selected. The main area has two tabs: 'Environment secrets' (which is empty) and 'Repository secrets'. Under 'Repository secrets', there are two entries:

Name	Last updated	Actions	Details
DOCKERHUB_ACCESS_TOKEN	19 minutes ago		
DOCKERHUB_USERNAME	19 minutes ago		

A green 'New repository secret' button is located at the top right of the 'Repository secrets' section.

Buat .github/workflows/action-workflows.yml

```
version: '3'
name: 'action-workflow'
on: [push]
jobs:
  build:
    runs-on: ubuntu-latest
    steps:
      - name: Checkout
        uses: actions/checkout@v2
      - name: Build Docker image
        run: docker build -t ${{ secrets.DOCKERHUB_USERNAME }}/uas-pcc-aditya_maula_wiratama-2025 .
      - name: Push Docker image to DockerHub
        run: docker push ${{ secrets.DOCKERHUB_USERNAME }}/uas-pcc-aditya_maula_wiratama-2025:latest
```

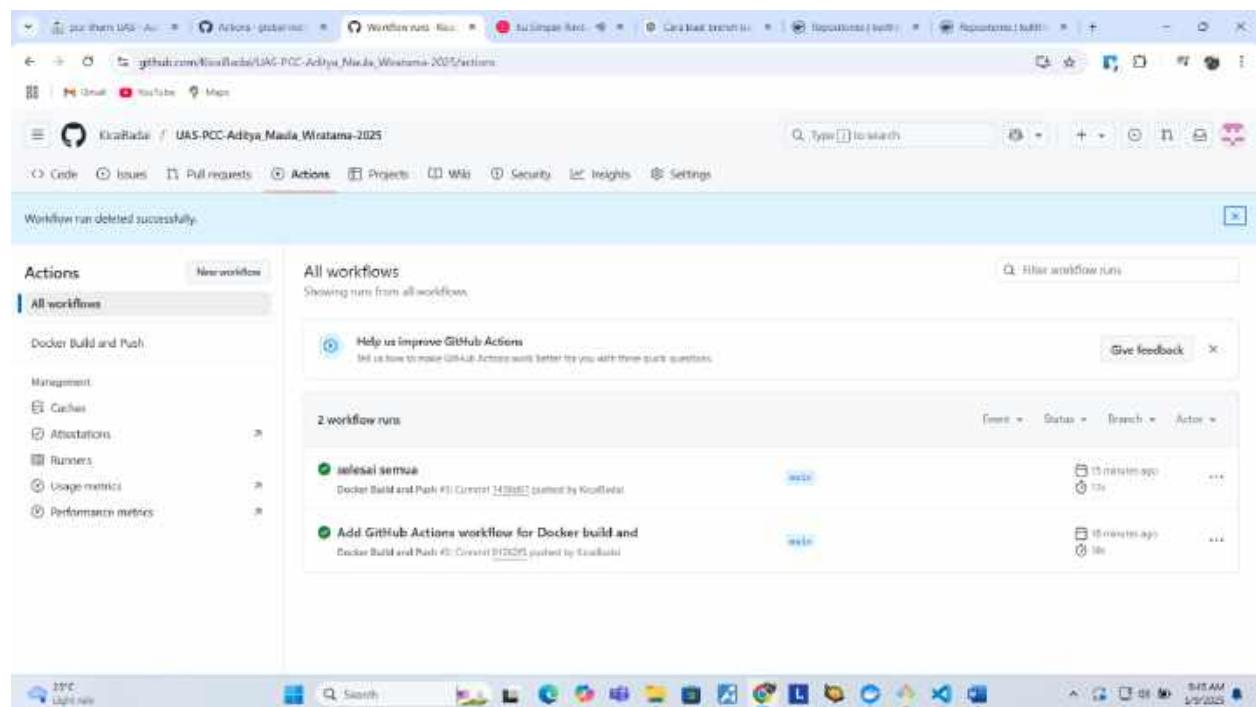
Jika sudah jalankan git add.

Jalankan juga git commit -m

Setelah itu push

```
PS C:\Users\Aditya\Project_Uas\UAS-PCC-Aditya_Maula_Wiratama-2025> git add .github/workflows/actions-workflow.yml  
PS C:\Users\Aditya\Project_Uas\UAS-PCC-Aditya_Maula_Wiratama-2025> git commit -m "Add GitHub Actions workflow for Docker build and push"  
PS C:\Users\Aditya\Project_Uas\UAS-PCC-Aditya_Maula_Wiratama-2025> git push origin main
```

Jika sudah cek action

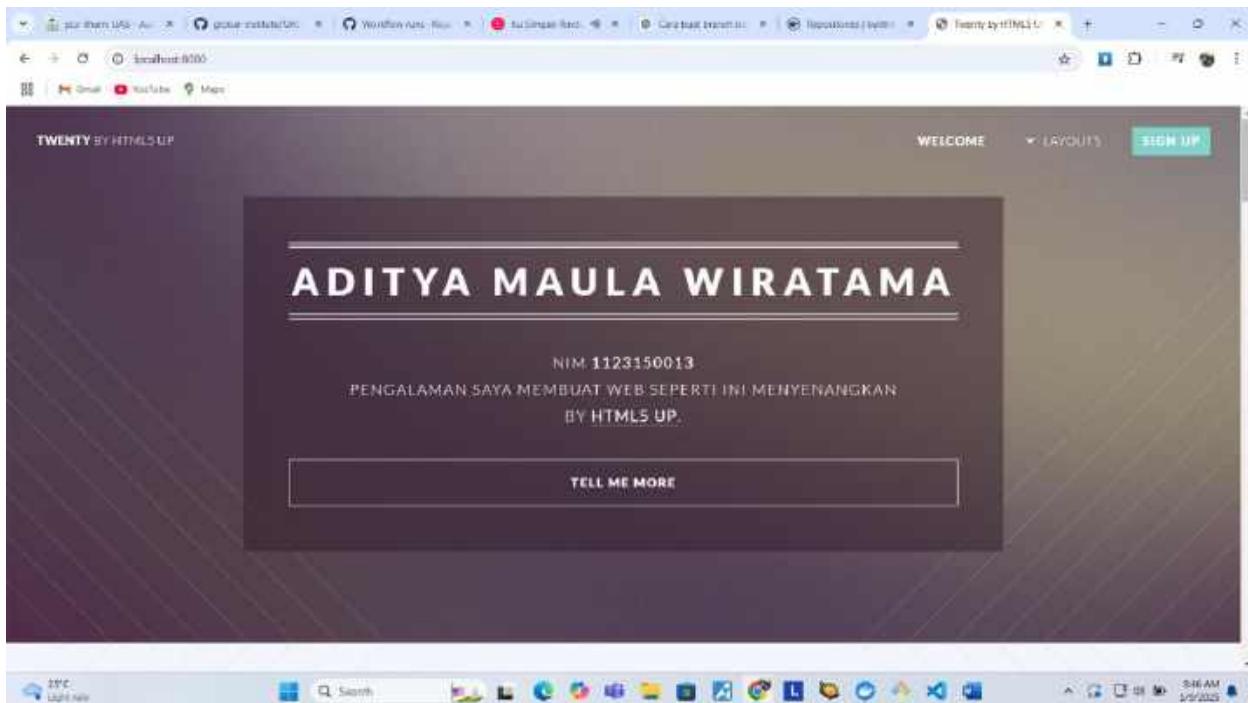


The screenshot shows a web browser window displaying the GitHub Actions page for a repository named 'UAS-PCC-Aditya_Maula_Wiratama-2025'. The left sidebar has 'Actions' selected under 'All workflows'. The main area shows 'All workflows' with a message 'Workflow run deleted successfully.' Below this, there is a 'Help us improve GitHub Actions' survey and a table of '2 workflow runs'. The first run, 'selesai selesai', was created 14 hours ago by Koalidai. The second run, 'Add GitHub Actions workflow for Docker build and push', was created 15 minutes ago by Koalidai. The browser's taskbar at the bottom shows various pinned icons.

Run	Status	Created	Actor
selesai selesai	Success	14 hours ago	Koalidai
Add GitHub Actions workflow for Docker build and push	Success	15 minutes ago	Koalidai

UNTUK HASILNYA

Untuk Dari Docker Run



Hasil Untuk Terminal Run

