CLOUD COMPUTING PROJECT

3 DEPLOYMENT OF WEB APPLICATION USING AWS

Team Members:

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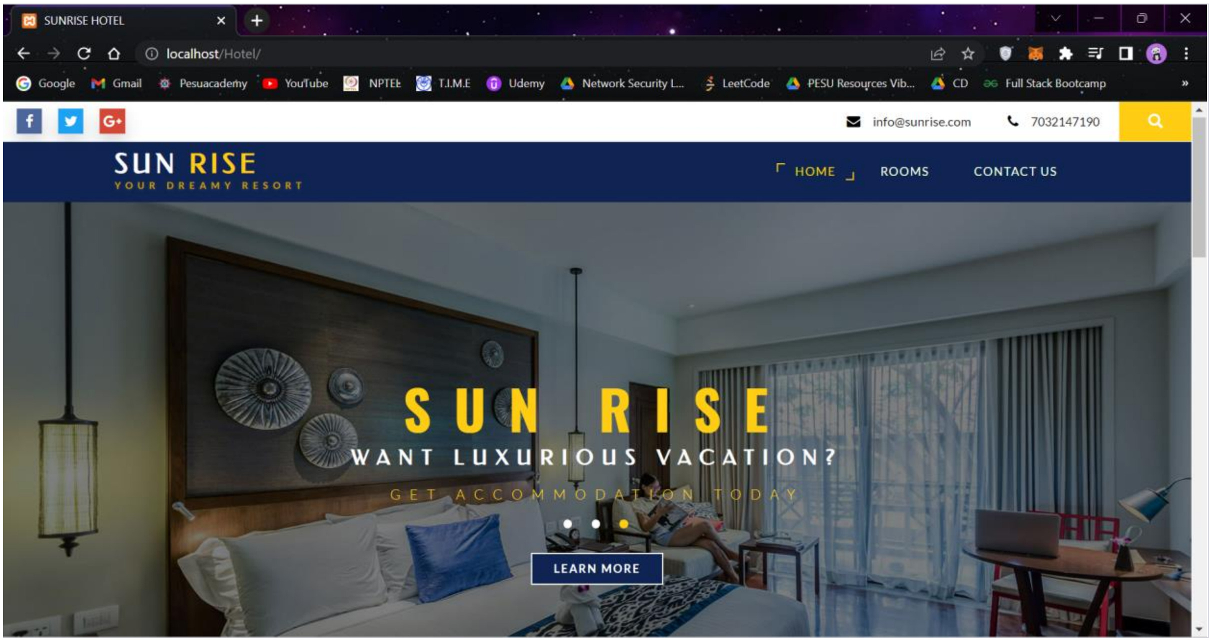
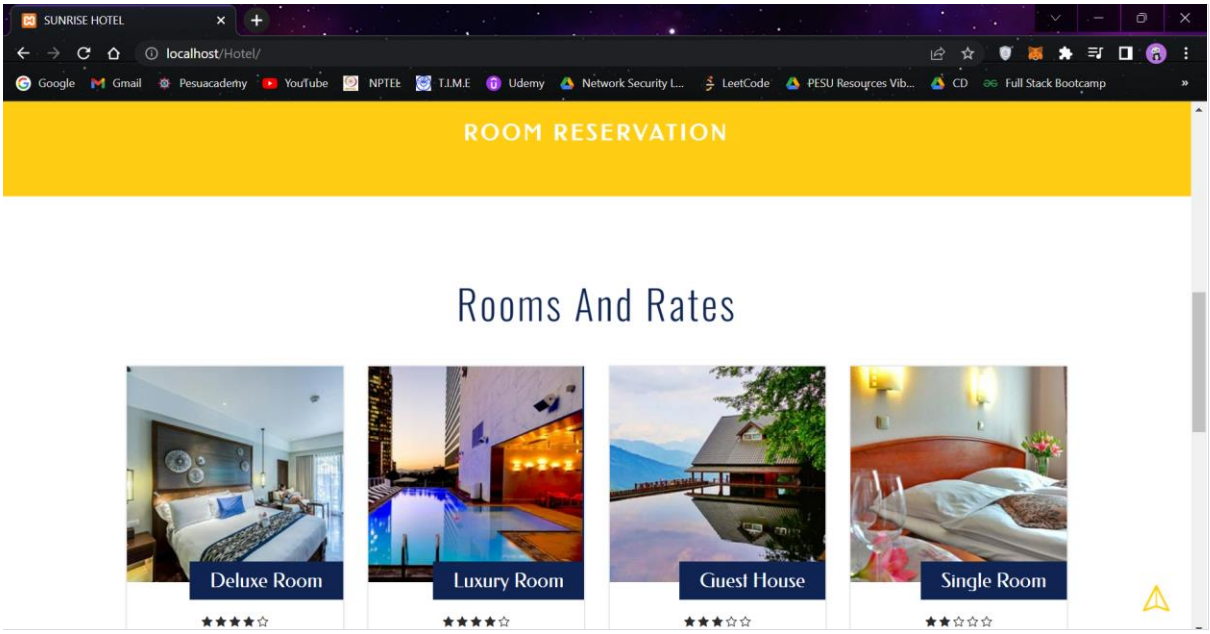
TASK-1 CRUD WEB APPLICATION





ROOM RESERVATION

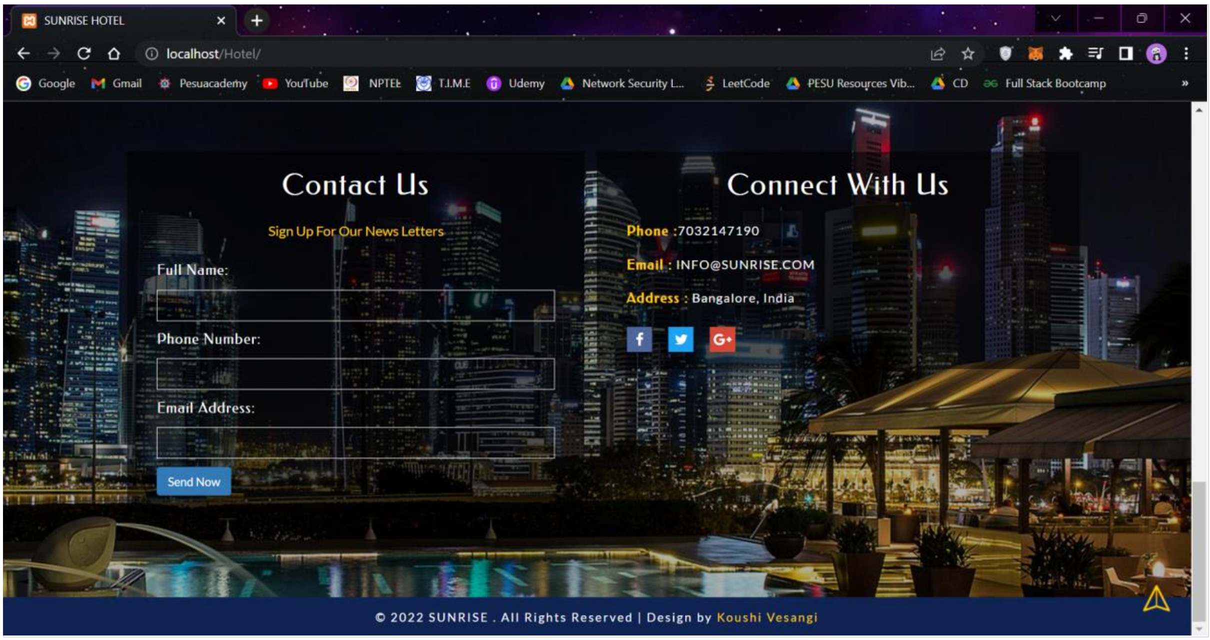
Rooms And Rates

Deluxe Room ★★★★☆

Luxury Room ★★★★☆

Guest House ★★★☆☆

Single Room ★★☆☆☆



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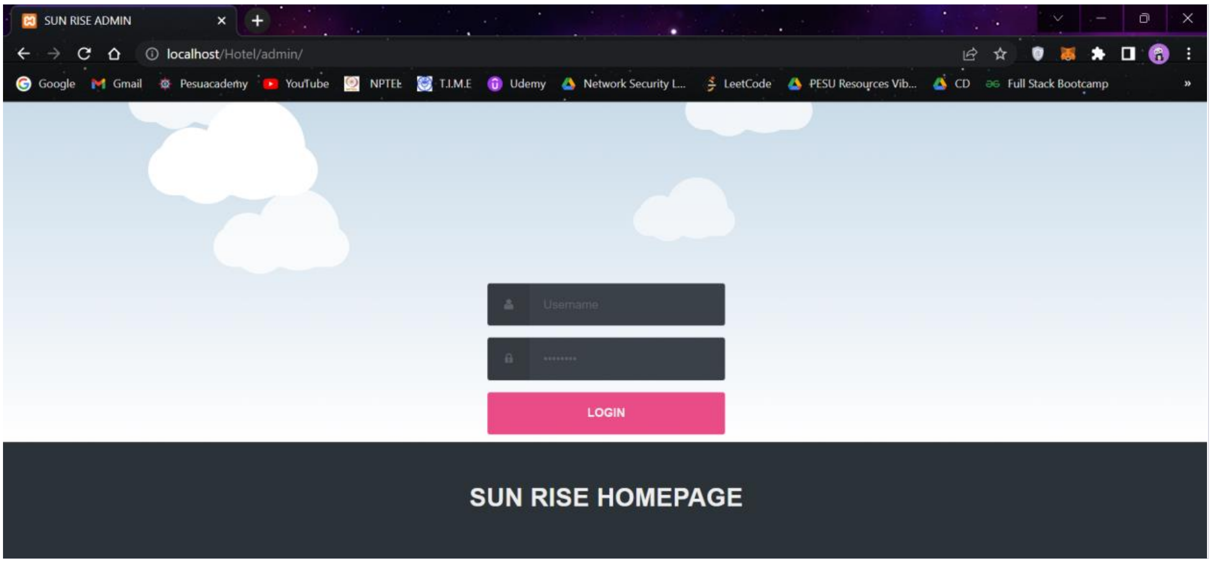


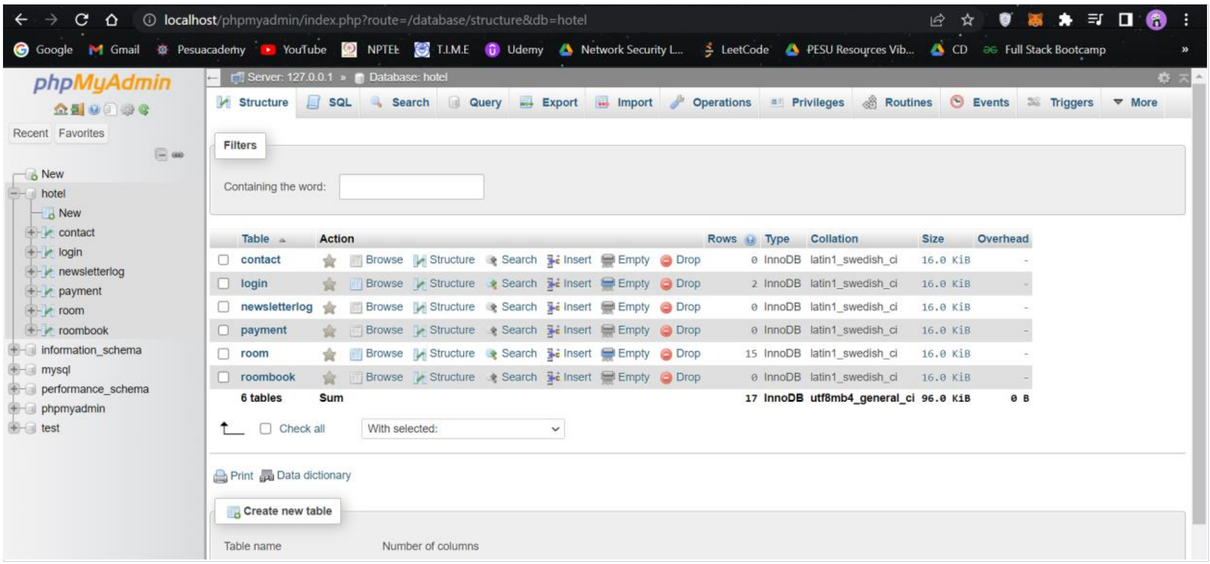
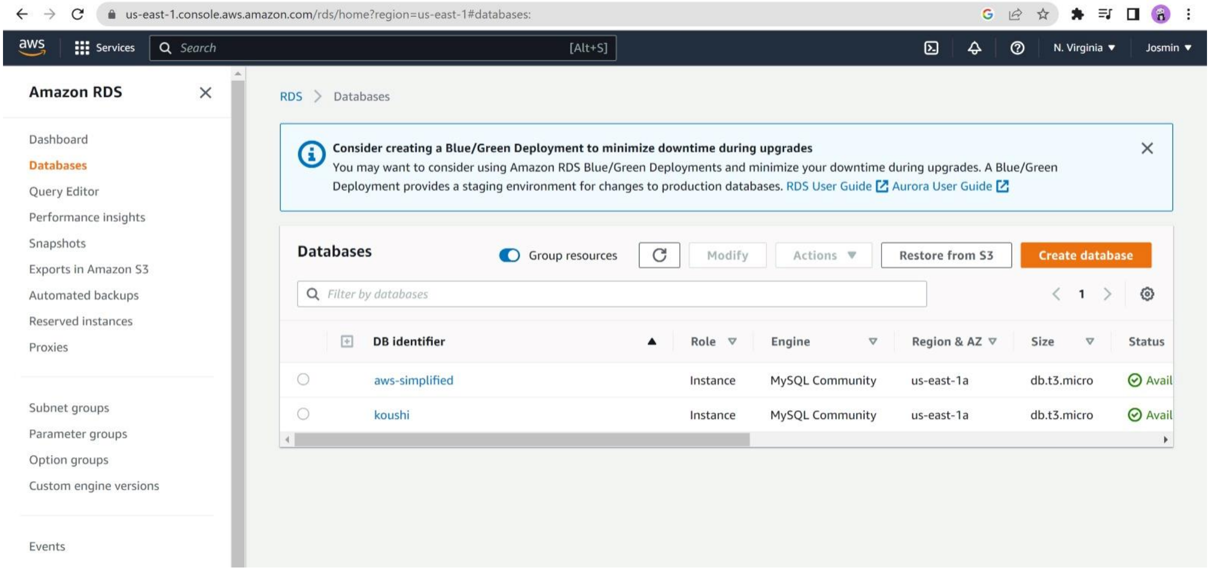


	Table	Action							Rows	Type	Collation	Size	Overhead
□	contact	☆	Browse	Structure	Search	Insert	Empty	Drop	0	InnoDB	latin1_swedish_ci	16.0 KiB	-
□	login	☆	Browse	Structure	Search	Insert	Empty	Drop	2	InnoDB	latin1_swedish_ci	16.0 KiB	-
□	newsletterlog	☆	Browse	Structure	Search	Insert	Empty	Drop	0	InnoDB	latin1_swedish_ci	16.0 KiB	-
□	payment	☆	Browse	Structure	Search	Insert	Empty	Drop	0	InnoDB	latin1_swedish_ci	16.0 KiB	-
□	room	☆	Browse	Structure	Search	Insert	Empty	Drop	15	InnoDB	latin1_swedish_ci	16.0 KiB	-
□	roombook	☆	Browse	Structure	Search	Insert	Empty	Drop	0	InnoDB	latin1_swedish_ci	16.0 KiB	-
	6 tables	Sum							17	InnoDB	utf8mb4_general_ci	96.0 KiB	0 B

TASK-2 Deploying the database in AWS.



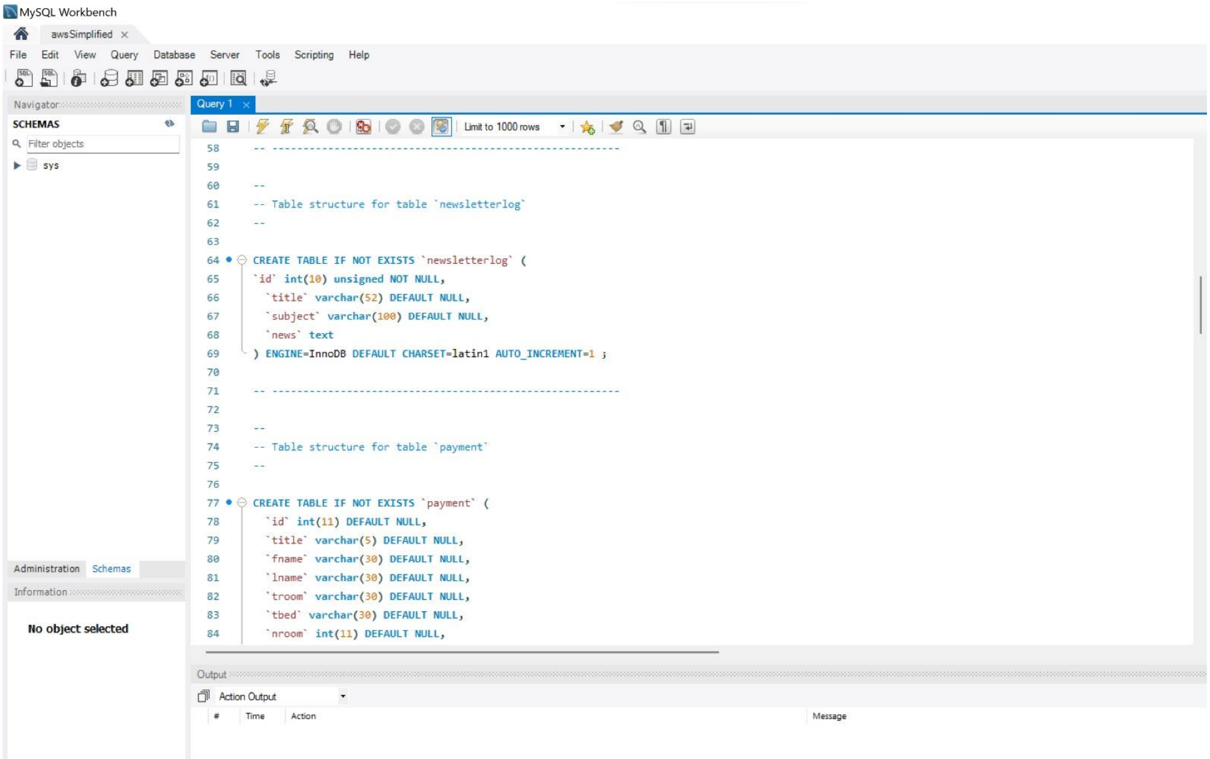
us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#databases:

RDS > Databases

Consider creating a Blue/Green Deployment to minimize downtime during upgrades
You may want to consider using Amazon RDS Blue/Green Deployments and minimize your downtime during upgrades. A Blue/Green Deployment provides a staging environment for changes to production databases. RDS User Guide Aurora User Guide

Databases

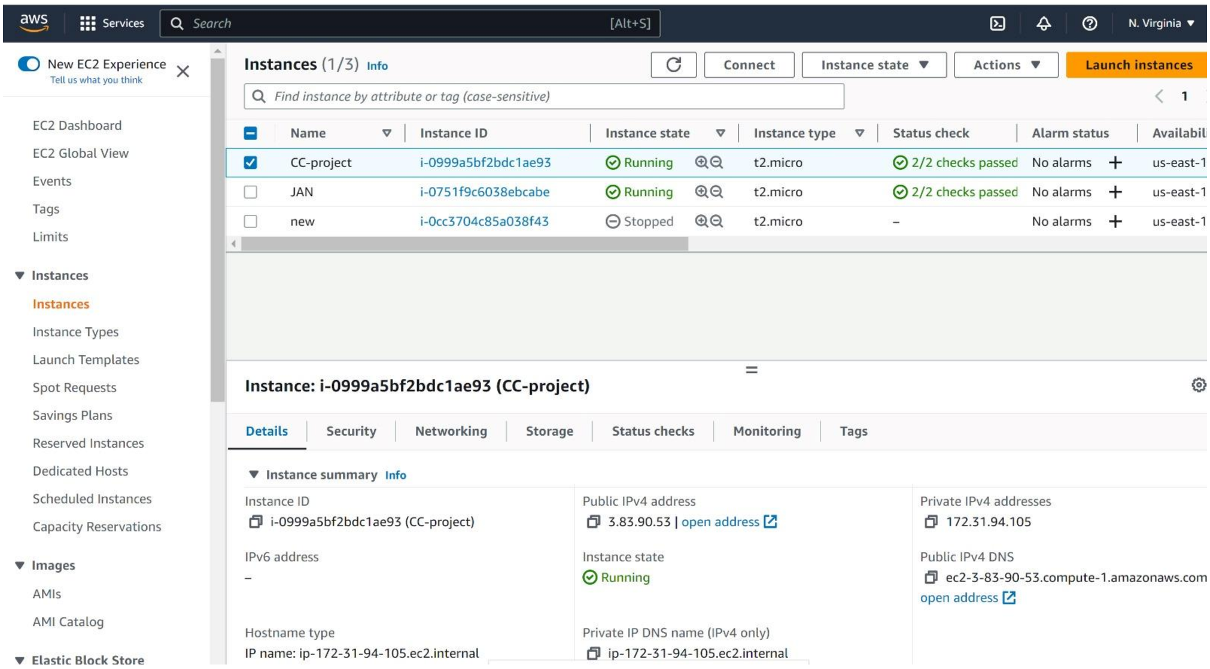
DB identifier	Role	Engine	Region & AZ	Size	Status
aws-simplified	Instance	MySQL Community	us-east-1a	db.t3.micro	Avail
koushi	Instance	MySQL Community	us-east-1a	db.t3.micro	Avail



```
-- --------------------------------------------------------


--
-- Table structure for table `newsletterlog`
--

CREATE TABLE IF NOT EXISTS `newsletterlog` (
`id` int(10) unsigned NOT NULL,
  `title` varchar(52) DEFAULT NULL,
  `subject` varchar(100) DEFAULT NULL,
  `news` text
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=1 ;

-- --------------------------------------------------------

--
-- Table structure for table `payment`
--

CREATE TABLE IF NOT EXISTS `payment` (
  `id` int(11) DEFAULT NULL,
  `title` varchar(5) DEFAULT NULL,
  `fname` varchar(30) DEFAULT NULL,
  `lname` varchar(30) DEFAULT NULL,
  `troom` varchar(30) DEFAULT NULL,
  `tbed` varchar(30) DEFAULT NULL,
  `nroom` int(11) DEFAULT NULL,
```

No object selected

TASK-3 **Deploying Web Application in EC2 instance.**



Instances (1/3) Info

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availabil
☑	CC-project	i-0999a5bf2bdc1ae93	Running	t2.micro	2/2 checks passed	No alarms	us-east-1
□	JAN	i-0751f9c6038ebcabe	Running	t2.micro	2/2 checks passed	No alarms	us-east-1
□	new	i-0cc3704c85a038f43	Stopped	t2.micro	–	No alarms	us-east-1

Instance: i-0999a5bf2bdc1ae93 (CC-project)

Instance summary Info

Instance ID: i-0999a5bf2bdc1ae93 (CC-project)

Public IPv4 address: 3.83.90.53 | open address

Private IPv4 addresses: 172.31.94.105

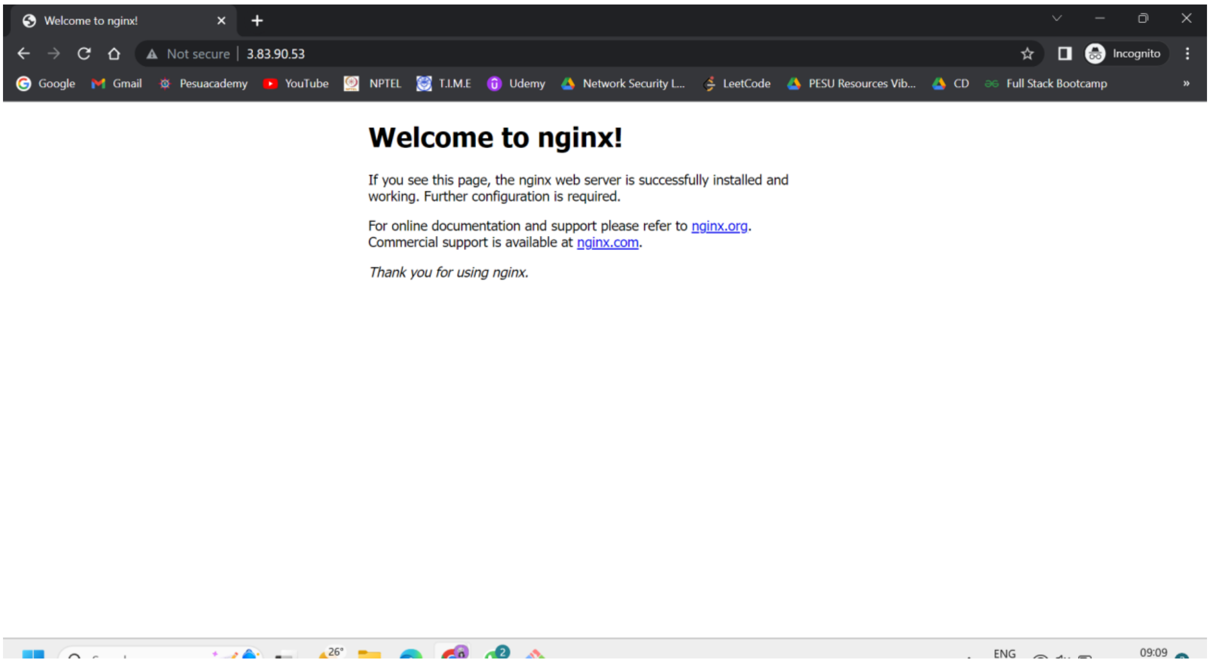
IPv6 address: –

Instance state: Running

Public IPv4 DNS: ec2-3-83-90-53.compute-1.amazonaws.com open address

Hostname type: IP name: ip-172-31-94-105.ec2.internal

Private IP DNS name (IPv4 only): ip-172-31-94-105.ec2.internal

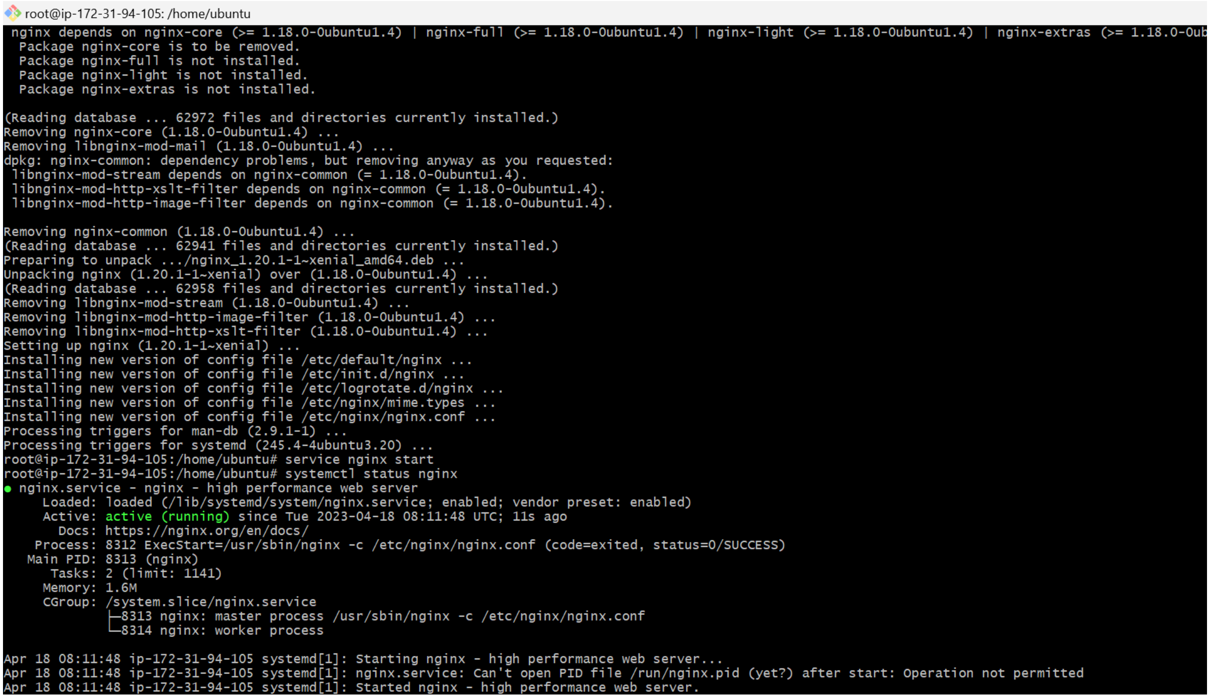


Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

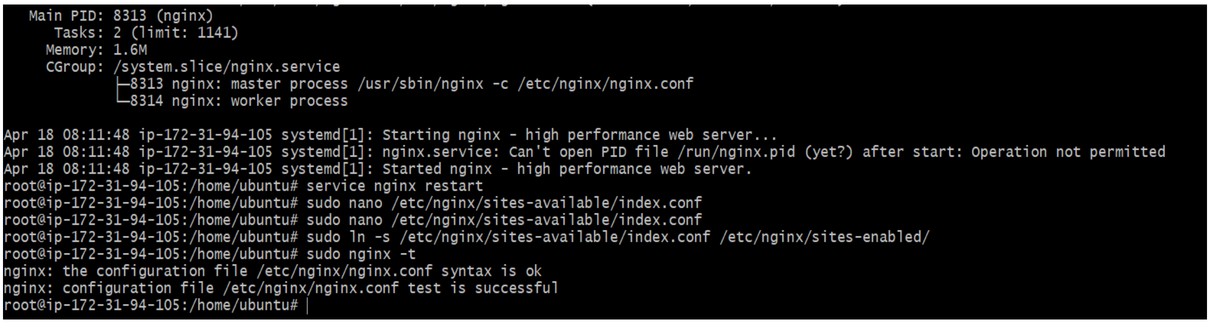
For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.

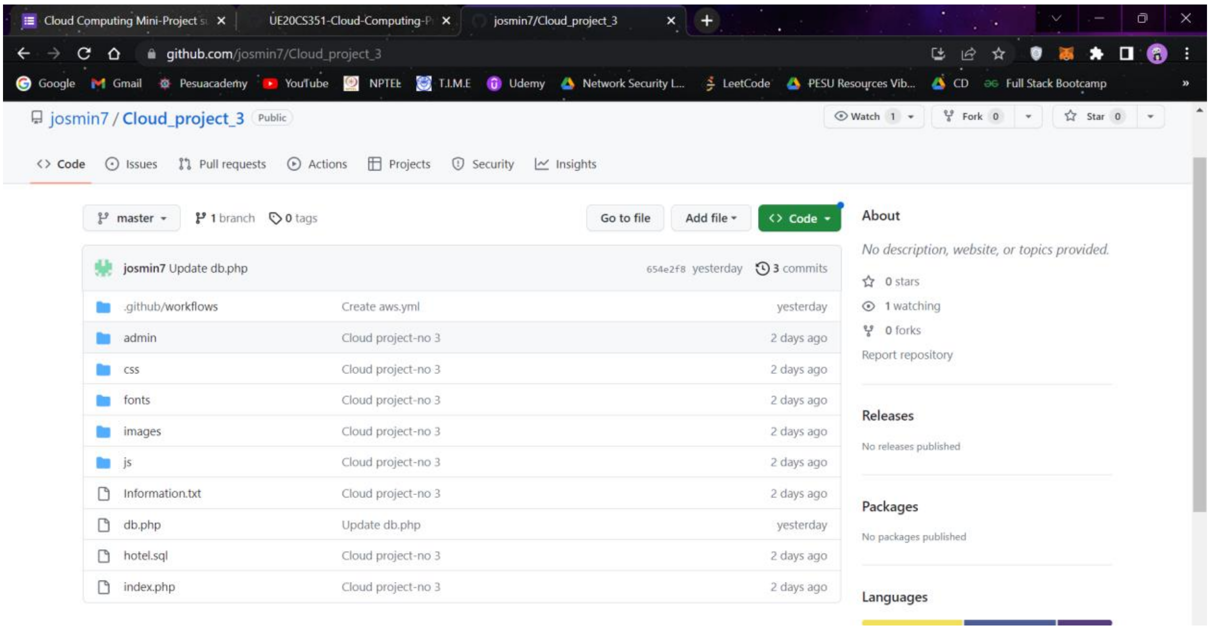


root@ip-172-31-94-105: /home/ubuntu

```
 nginx depends on nginx-core (>= 1.18.0-0ubuntu1.4) | nginx-full (>= 1.18.0-0ubuntu1.4) | nginx-light (>= 1.18.0-0ubuntu1.4) | nginx-extras (>= 1.18.0-0ub
  Package nginx-core is to be removed.
  Package nginx-full is not installed.
  Package nginx-light is not installed.
  Package nginx-extras is not installed.

(Reading database ... 62972 files and directories currently installed.)
Removing nginx-core (1.18.0-0ubuntu1.4) ...
Removing libnginx-mod-mail (1.18.0-0ubuntu1.4) ...
dpkg: nginx-common: dependency problems, but removing anyway as you requested:
 libnginx-mod-stream depends on nginx-common (= 1.18.0-0ubuntu1.4).
 libnginx-mod-http-xslt-filter depends on nginx-common (= 1.18.0-0ubuntu1.4).
 libnginx-mod-http-image-filter depends on nginx-common (= 1.18.0-0ubuntu1.4).

Removing nginx-common (1.18.0-0ubuntu1.4) ...
(Reading database ... 62941 files and directories currently installed.)
Preparing to unpack .../nginx_1.20.1-1~xenial_amd64.deb ...
Unpacking nginx (1.20.1-1~xenial) over (1.18.0-0ubuntu1.4) ...
(Reading database ... 62958 files and directories currently installed.)
Removing libnginx-mod-stream (1.18.0-0ubuntu1.4) ...
Removing libnginx-mod-http-image-filter (1.18.0-0ubuntu1.4) ...
Removing libnginx-mod-http-xslt-filter (1.18.0-0ubuntu1.4) ...
Setting up nginx (1.20.1-1~xenial) ...
Installing new version of config file /etc/default/nginx ...
Installing new version of config file /etc/init.d/nginx ...
Installing new version of config file /etc/logrotate.d/nginx ...
Installing new version of config file /etc/nginx/mime.types ...
Installing new version of config file /etc/nginx/nginx.conf ...
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for systemd (245.4-4ubuntu3.20) ...
root@ip-172-31-94-105:/home/ubuntu# service nginx start
root@ip-172-31-94-105:/home/ubuntu# systemctl status nginx
● nginx.service - nginx - high performance web server
     Loaded: loaded (/lib/systemd/system/nginx.service; enabled; vendor preset: enabled)
     Active: active (running) since Tue 2023-04-18 08:11:48 UTC; 11s ago
       Docs: https://nginx.org/en/docs/
    Process: 8312 ExecStart=/usr/sbin/nginx -c /etc/nginx/nginx.conf (code=exited, status=0/SUCCESS)
   Main PID: 8313 (nginx)
      Tasks: 2 (limit: 1141)
     Memory: 1.6M
     CGroup: /system.slice/nginx.service
             ├─8313 nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf
             └─8314 nginx: worker process

Apr 18 08:11:48 ip-172-31-94-105 systemd[1]: Starting nginx - high performance web server...
Apr 18 08:11:48 ip-172-31-94-105 systemd[1]: nginx.service: Can't open PID file /run/nginx.pid (yet?) after start: Operation not permitted
Apr 18 08:11:48 ip-172-31-94-105 systemd[1]: Started nginx - high performance web server.
```



```
   Main PID: 8313 (nginx)
      Tasks: 2 (limit: 1141)
     Memory: 1.6M
     CGroup: /system.slice/nginx.service
             ├─8313 nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf
             └─8314 nginx: worker process

Apr 18 08:11:48 ip-172-31-94-105 systemd[1]: Starting nginx - high performance web server...
Apr 18 08:11:48 ip-172-31-94-105 systemd[1]: nginx.service: Can't open PID file /run/nginx.pid (yet?) after start: Operation not permitted
Apr 18 08:11:48 ip-172-31-94-105 systemd[1]: Started nginx - high performance web server.
root@ip-172-31-94-105:/home/ubuntu# service nginx restart
root@ip-172-31-94-105:/home/ubuntu# sudo nano /etc/nginx/sites-available/index.conf
root@ip-172-31-94-105:/home/ubuntu# sudo nano /etc/nginx/sites-available/index.conf
root@ip-172-31-94-105:/home/ubuntu# sudo ln -s /etc/nginx/sites-available/index.conf /etc/nginx/sites-enabled/
root@ip-172-31-94-105:/home/ubuntu# sudo nginx -t
nginx: the configuration file /etc/nginx/nginx.conf syntax is ok
nginx: configuration file /etc/nginx/nginx.conf test is successful
root@ip-172-31-94-105:/home/ubuntu# |
```



josmin7 / Cloud_project_3 Public

master · 1 branch · 0 tags

josmin7 Update db.php 654e2f8 yesterday 3 commits

.github/workflows	Create aws.yml	yesterday
admin	Cloud project-no 3	2 days ago
css	Cloud project-no 3	2 days ago
fonts	Cloud project-no 3	2 days ago
images	Cloud project-no 3	2 days ago
js	Cloud project-no 3	2 days ago
Information.txt	Cloud project-no 3	2 days ago
db.php	Update db.php	yesterday
hotel.sql	Cloud project-no 3	2 days ago
index.php	Cloud project-no 3	2 days ago

About

No description, website, or topics provided.

0 stars

1 watching

0 forks

Report repository

Releases

No releases published

Packages

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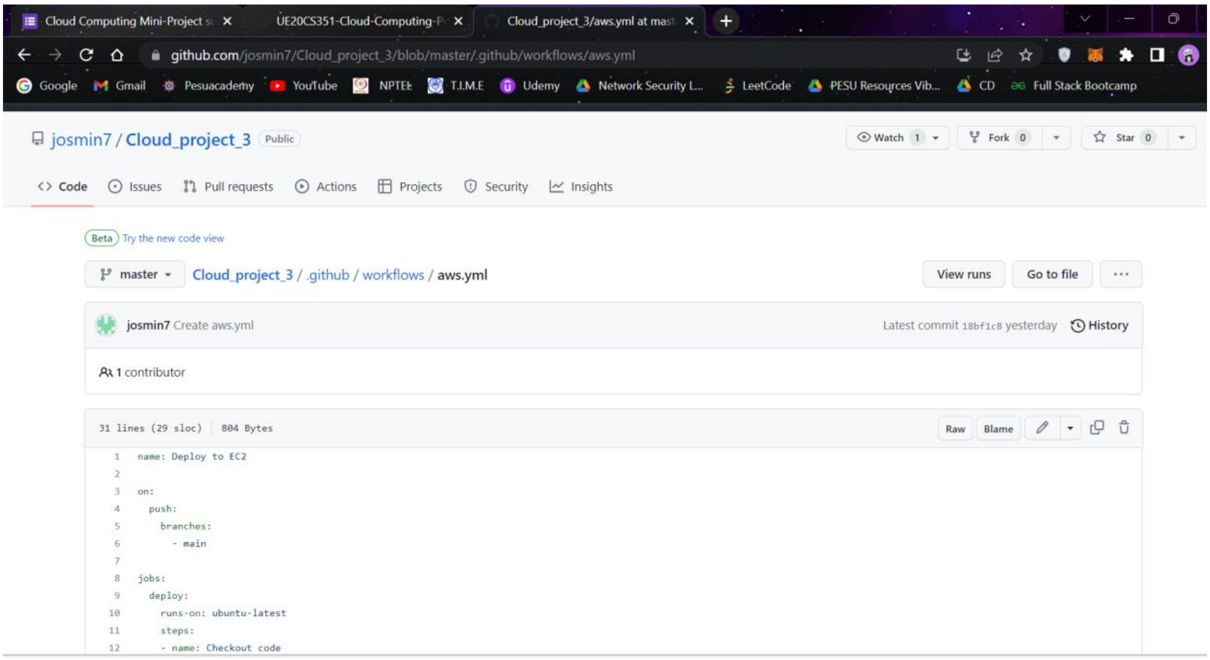
Languages

Github workflow



josmin7 / Cloud_project_3 Public

master Cloud_project_3 / .github / workflows / aws.yml

josmin7 Create aws.yml Latest commit 18bf1c8 yesterday History

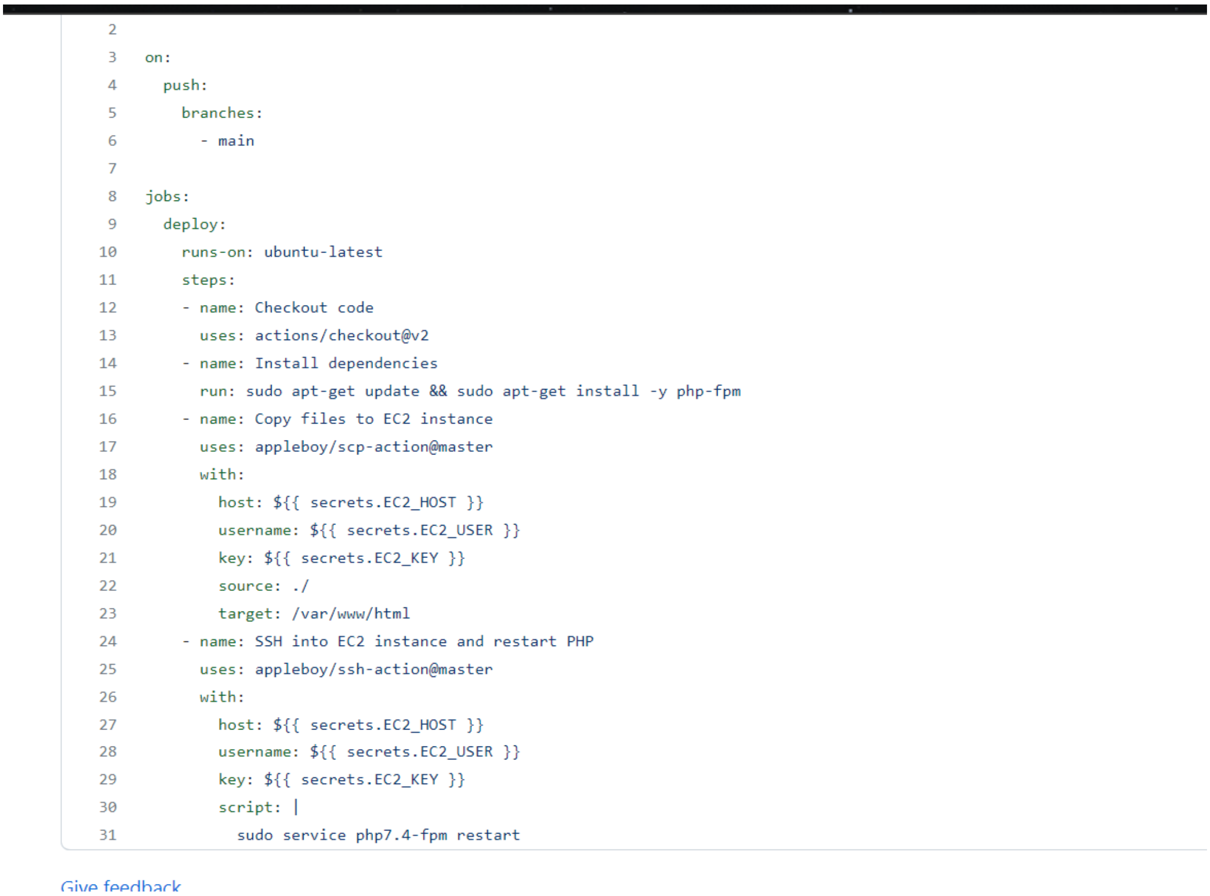
1 contributor

31 lines (29 sloc) | 804 Bytes

```
name: Deploy to EC2

on:
  push:
    branches:
      - main

jobs:
  deploy:
    runs-on: ubuntu-latest
    steps:
    - name: Checkout code
```

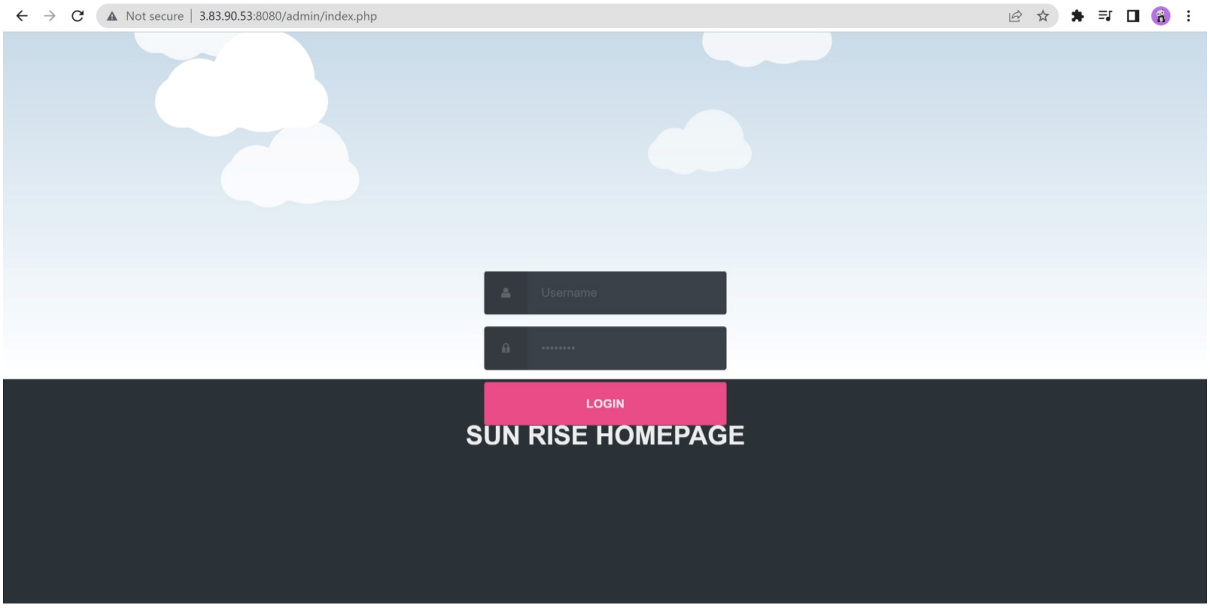


```

on:
  push:
    branches:
      - main

jobs:
  deploy:
    runs-on: ubuntu-latest
    steps:
    - name: Checkout code
      uses: actions/checkout@v2
    - name: Install dependencies
      run: sudo apt-get update && sudo apt-get install -y php-fpm
    - name: Copy files to EC2 instance
      uses: appleboy/scp-action@master
      with:
        host: ${{ secrets.EC2_HOST }}
        username: ${{ secrets.EC2_USER }}
        key: ${{ secrets.EC2_KEY }}
        source: ./
        target: /var/www/html
    - name: SSH into EC2 instance and restart PHP
      uses: appleboy/ssh-action@master
      with:
        host: ${{ secrets.EC2_HOST }}
        username: ${{ secrets.EC2_USER }}
        key: ${{ secrets.EC2_KEY }}
        script: |
          sudo service php7.4-fpm restart
```

Give feedback



Not secure | 3.83.90.53:8080/admin/index.php
Username
••••••••
LOGIN
SUN RISE HOMEPAGE