NAT gateway → 1 AZ, VPC endpoints - None → create VPC → view
VPC → check route table for public & private subnets

(for cafe website)

② EC2 → launch instance → provide name → select ubuntu 24.04 →
Instance type → t2.micro → key pair → vockey → edit network
settings → select created VPC → select public subnet →
Auto-assign public IP → enable → create security group →
provide name → add inbound rules → add HTTP → anywhere

(for Database)

③ EC2 → launch instance → select Ubuntu 24.04 AMI → Instance
type → t2.micro → Key pair → vockey → edit network settings →
select created VPC → select private subnet → Auto-assign
public IP → Disable → create security group → provide name →
add MySQL | Aurora → for SSH & MYSQL change sourcetype →
custom & add source as security group of previously
created EC2 → launch instance

④ In cmd → cd Downloads/ → ls → sudo rm -rf labsuser.pem

⑤ Go to AWS lab → Download PEM file

⑥ Go to cmd → sudo chmod 600 labsuser.pem → sudo scp -i
labsuser.pem labsuser.pem ubuntu@<public ip of 1st EC2>:/home/ubuntu
→ sudo ssh -i labsuser.pem ubuntu@<public ip of 1st EC2 instance> →
sudo apt-get install apache2 libapache2-mod-php ~~php~~
php-mysql mysql-client → sudo git clone <<git URL>> →
cd Cafe-Dynamic-Website/ → cd mompopcafe/ → sudo cp -rf *
/var/www/html/. → sudo rm -rf /var/www/html/index.html
→ sudo systemctl restart apache2 → Now static website should be visible in public ip → cd → sudo chmod 600
labsuser.pem → sudo ssh -i labsuser.pem ubuntu@<private ip of 2nd EC2 instance>

(need not download here as we have passed the file here using scp command)

→sudo apt-get updak → sudo apt-get install mysql-server → sudo nano /etc/mysql/mysql.conf.d/mysqld.cnf → sudo systemctl restart mysql → sudo mysql → CREATE database cafedb; → CREATE USER 'msis'@'%' IDENTIFIED WITH mysql_native_password BY 'msis@123'; → GRANT ALL PRIVILEGES ON cafedb.* TO 'msis'@'%' WITH GRANT OPTION; → exit → exit from db ec2 → cd Cafe-Dynamic-Websit/mempopdb → ls → sudo mysql -h 10.0.1.112 -u msis -p → use cafedb; → source create-db.sql; → show tables; exit → cd /var/www/html → sudo nano getAppParameters.php → sudo systemctl restart apache2

→ Architecture → Module 4 → Static website for the cafe

S3 → create bucket → Provide name → uncheck Block all public access → Acknowledge → Creat Bucket → Go to created bucket → click on upload → select all files from cloned from Git → then Make public using ACL is not enabled so enable it by going to Bucket → Object ownership → edit → ACLs enabled → acknowledge → save → Go to bucket → select all Object → Make public using ACL → make public Go to bucket → Properties → static website hosting → edit → enable → provide default page file name → save → navigate to Bucket website endpoint

(When you enable this, you can use your S3 bucket to host a static website or redirect requests)

To host a sta
- enabling stat
- configuring an
- configuring pu

S3 bucket

① Create S3
② Upload f
③ Make ACL
④ Make all (anyone i
⑤ In prope (when static
⑥ Open w

Tomcat:

① Create
② Install
③ sudo n
④ change
⑤ sudo n
⑥ add m
add a
⑦ Install
⑧ In p
⑨ Warfi
⑩ Add
URL
⑪ Access