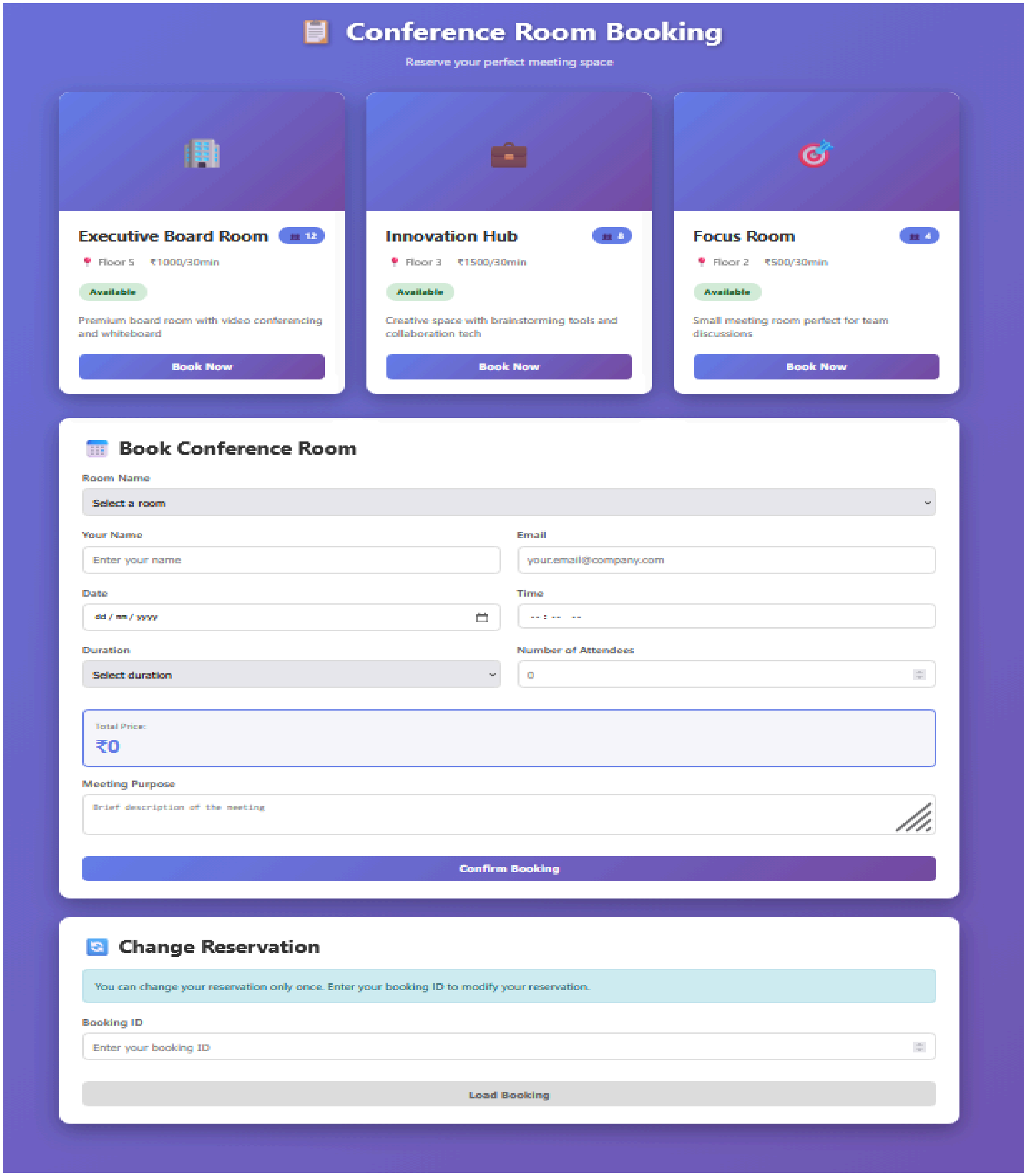
Conference Room Booking

Frontend:

Website:



Conference Room Booking

Reserve your perfect meeting space

Executive Board Room 12

Floor 5 ₹1000/30min

Available

Premium board room with video conferencing and whiteboard

Book Now

Innovation Hub 8

Floor 3 ₹1500/30min

Available

Creative space with brainstorming tools and collaboration tech

Book Now

Focus Room 4

Floor 2 ₹500/30min

Available

Small meeting room perfect for team discussions

Book Now

Book Conference Room

Room Name: Select a room

Your Name: Enter your name

Email: your.email@company.com

Date: dd / mm / yyyy

Time: -- : -- --

Duration: Select duration

Number of Attendees: 0

Total Price:
₹0

Meeting Purpose: Brief description of the meeting

Confirm Booking

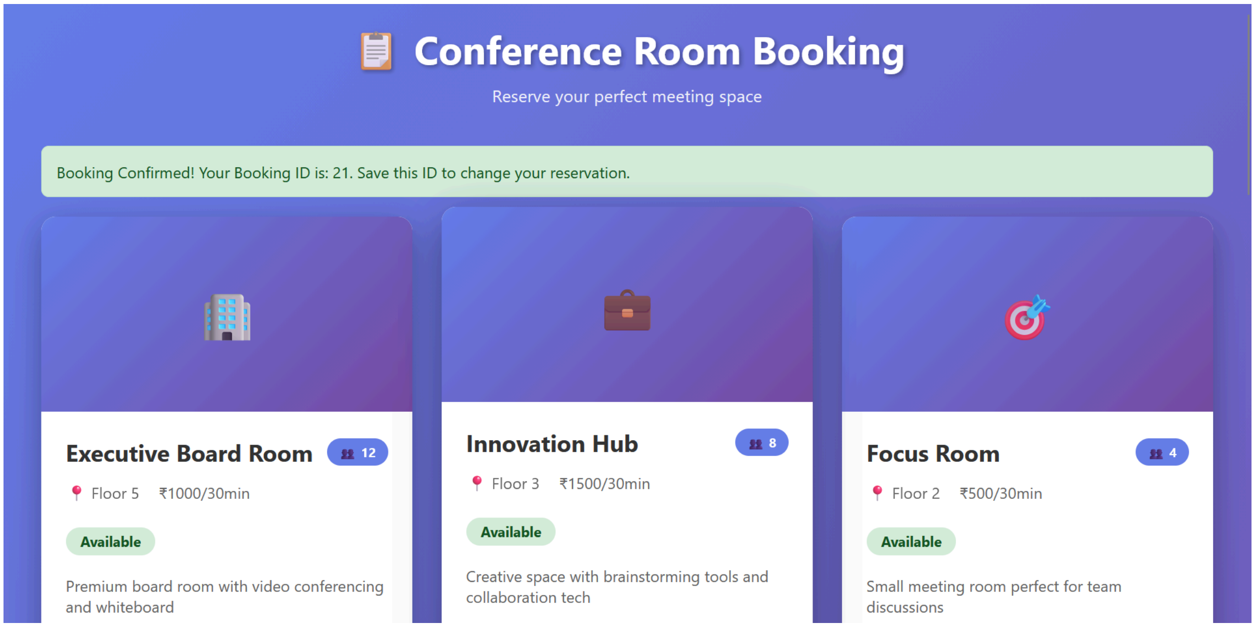
Change Reservation

You can change your reservation only once. Enter your booking ID to modify your reservation.

Booking ID: Enter your booking ID

Load Booking

Confirmation Booking:



📋 Conference Room Booking

Reserve your perfect meeting space

Booking Confirmed! Your Booking ID is: 21. Save this ID to change your reservation.

Executive Board Room 👥 12

📍 Floor 5 ₹1000/30min

Available

Premium board room with video conferencing and whiteboard

Innovation Hub 👥 8

📍 Floor 3 ₹1500/30min

Available

Creative space with brainstorming tools and collaboration tech

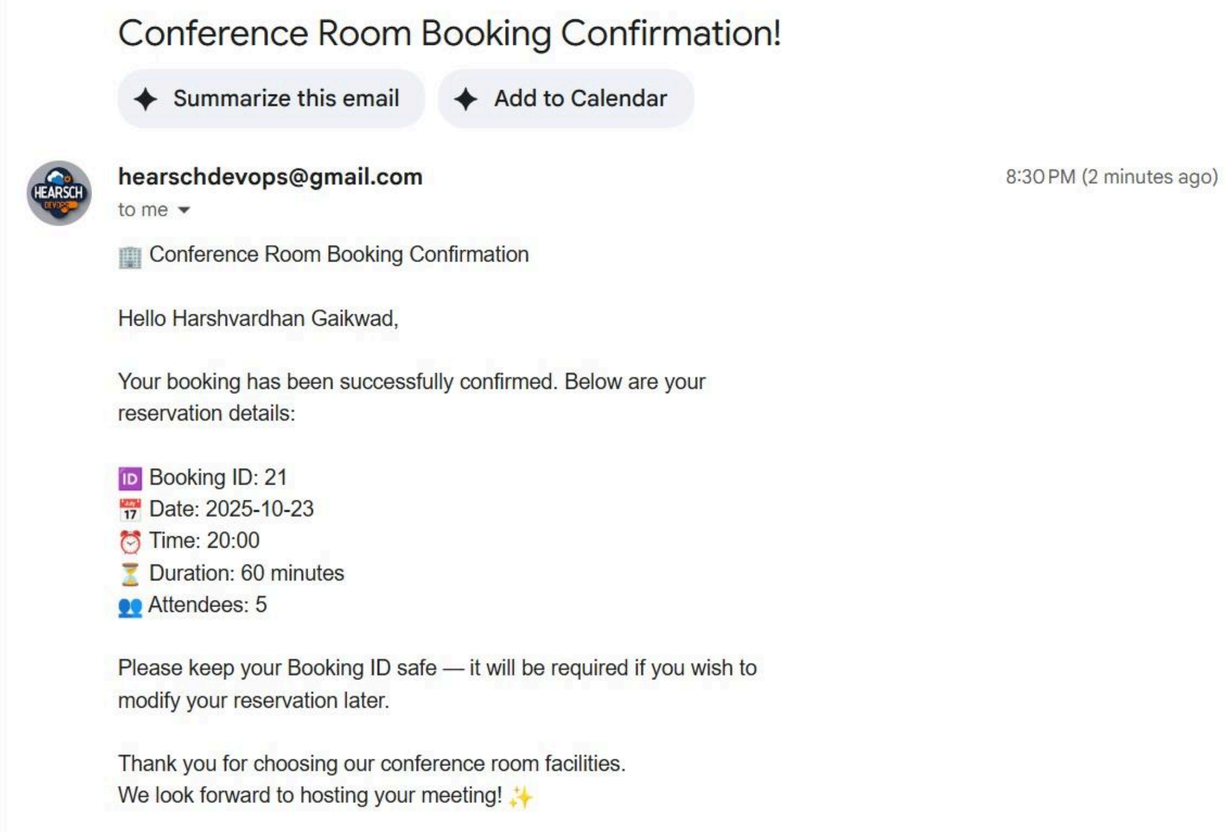
Focus Room 👥 4

📍 Floor 2 ₹500/30min

Available

Small meeting room perfect for team discussions

E-mail notification for Customer:



Conference Room Booking Confirmation!

hearschdevops@gmail.com 8:30 PM (2 minutes ago)

to me ▾

🏢 Conference Room Booking Confirmation

Hello Harshvardhan Gaikwad,

Your booking has been successfully confirmed. Below are your reservation details:

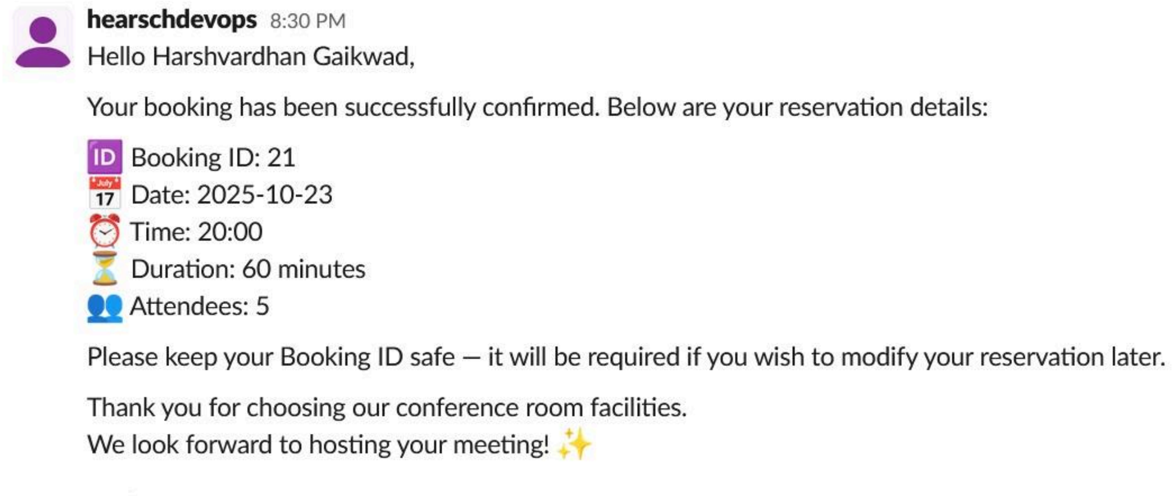
🆔 Booking ID: 21
📅 Date: 2025-10-23
⏰ Time: 20:00
⏳ Duration: 60 minutes
👥 Attendees: 5

Please keep your Booking ID safe — it will be required if you wish to modify your reservation later.

Thank you for choosing our conference room facilities.
We look forward to hosting your meeting! ✨

Backend:

Slack Notification for Internal Team:



hearschdevops 8:30 PM

Hello Harshvardhan Gaikwad,

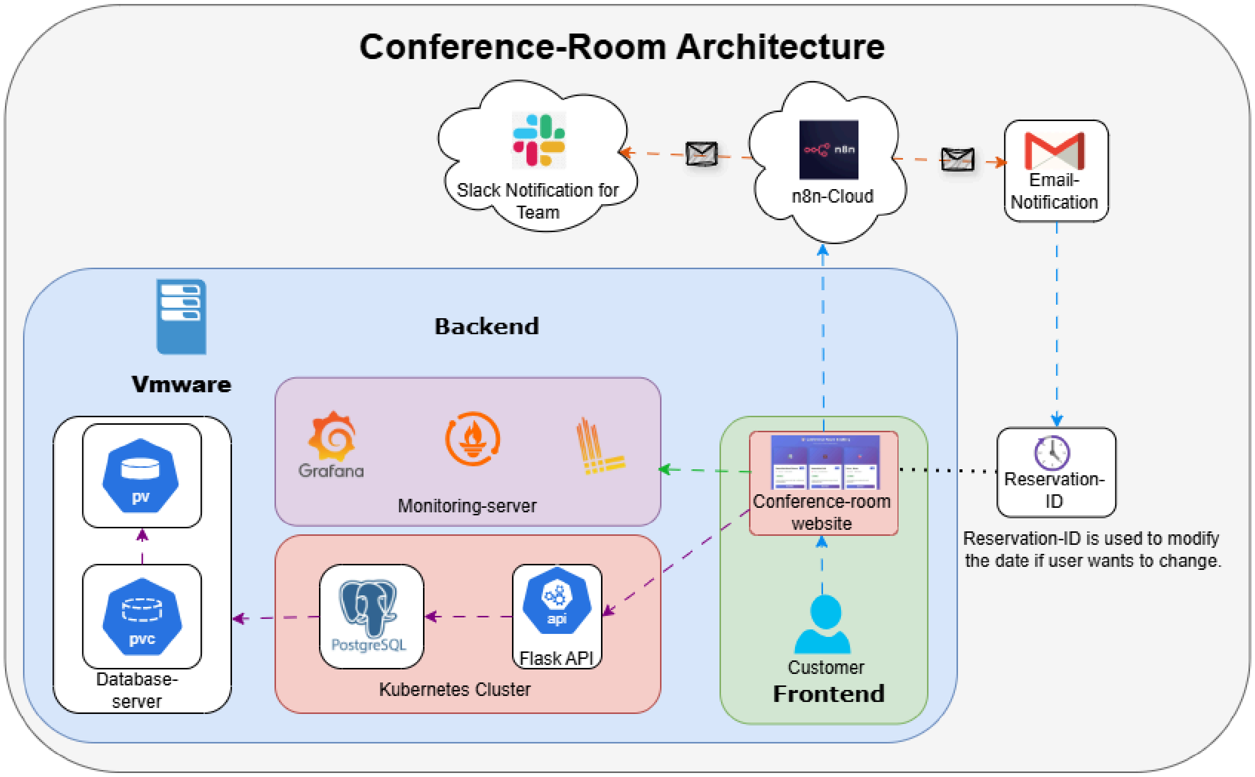
Your booking has been successfully confirmed. Below are your reservation details:

🆔 Booking ID: 21
📅 Date: 2025-10-23
⏰ Time: 20:00
⏳ Duration: 60 minutes
👥 Attendees: 5

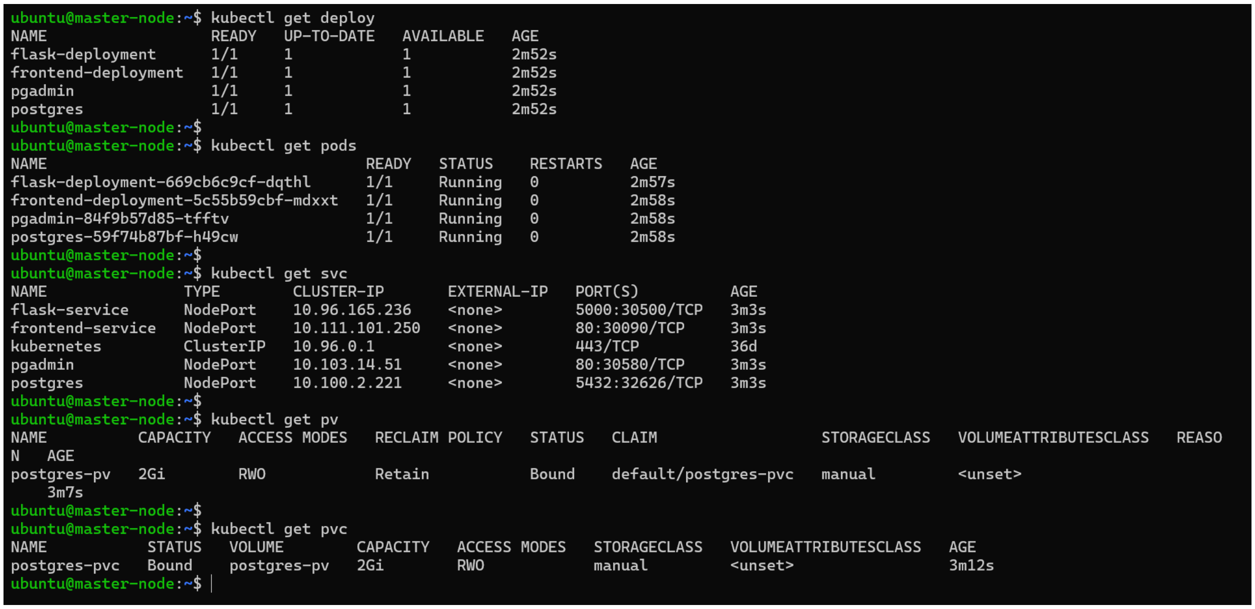
Please keep your Booking ID safe — it will be required if you wish to modify your reservation later.

Thank you for choosing our conference room facilities.
We look forward to hosting your meeting! ✨

Architecture:

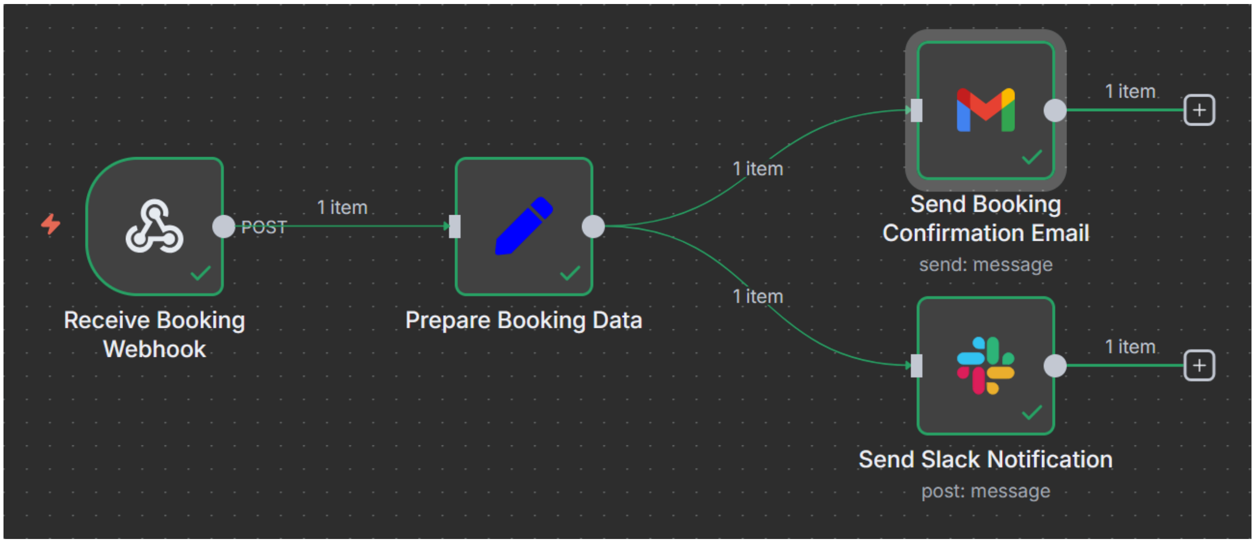


Kubernetes cluster:



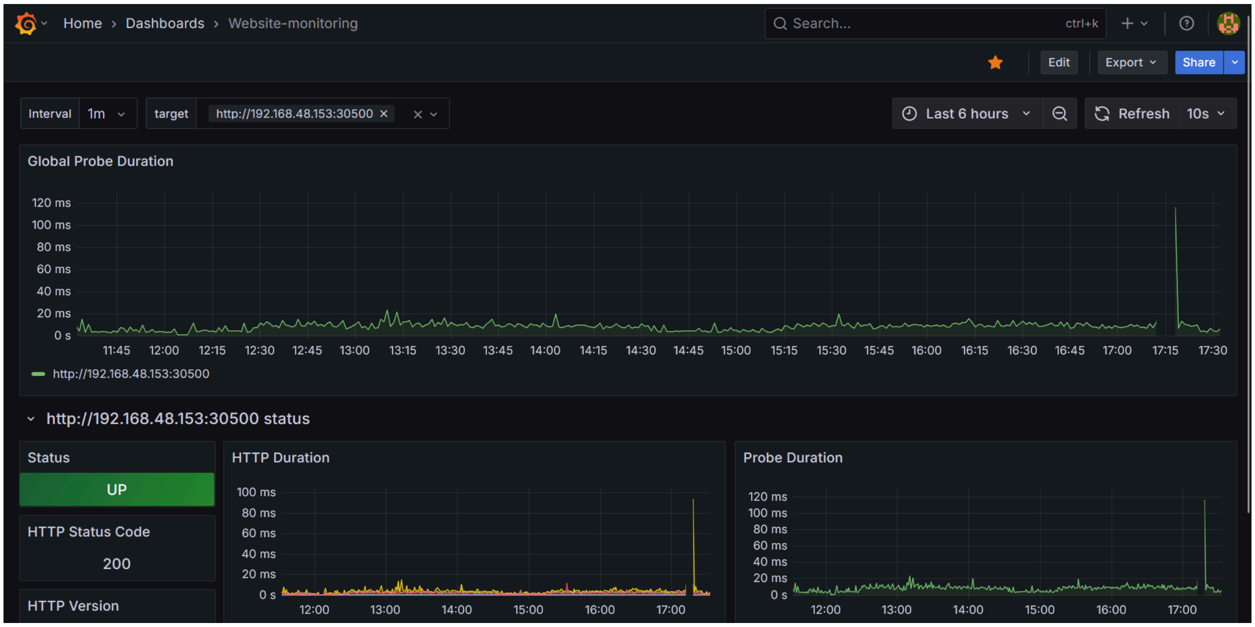
```
ubuntu@master-node:~$ kubectl get deploy
NAME                  READY   UP-TO-DATE   AVAILABLE   AGE
flask-deployment      1/1     1            1           2m52s
frontend-deployment   1/1     1            1           2m52s
pgadmin               1/1     1            1           2m52s
postgres              1/1     1            1           2m52s
ubuntu@master-node:~$
ubuntu@master-node:~$ kubectl get pods
NAME                                   READY   STATUS    RESTARTS   AGE
flask-deployment-669cb6c9cf-dqthl      1/1     Running   0          2m57s
frontend-deployment-5c55b59cbf-mdxxt   1/1     Running   0          2m58s
pgadmin-84f9b57d85-tfftv               1/1     Running   0          2m58s
postgres-59f74b87bf-h49cw              1/1     Running   0          2m58s
ubuntu@master-node:~$
ubuntu@master-node:~$ kubectl get svc
NAME               TYPE        CLUSTER-IP       EXTERNAL-IP   PORT(S)          AGE
flask-service      NodePort    10.96.165.236    <none>        5000:30500/TCP   3m3s
frontend-service   NodePort    10.111.101.250   <none>        80:30090/TCP     3m3s
kubernetes         ClusterIP   10.96.0.1        <none>        443/TCP          36d
pgadmin            NodePort    10.103.14.51     <none>        80:30580/TCP     3m3s
postgres           NodePort    10.100.2.221     <none>        5432:32626/TCP   3m3s
ubuntu@master-node:~$
ubuntu@master-node:~$ kubectl get pv
NAME          CAPACITY   ACCESS MODES   RECLAIM POLICY   STATUS   CLAIM                  STORAGECLASS   VOLUMEATTRIBUTESCLASS   REASO
N   AGE
postgres-pv   2Gi        RWO            Retain           Bound    default/postgres-pvc   manual         <unset>
    3m7s
ubuntu@master-node:~$
ubuntu@master-node:~$ kubectl get pvc
NAME           STATUS   VOLUME        CAPACITY   ACCESS MODES   STORAGECLASS   VOLUMEATTRIBUTESCLASS   AGE
postgres-pvc   Bound    postgres-pv   2Gi        RWO            manual         <unset>                 3m12s
ubuntu@master-node:~$ |
```

N8n workflow:



Grafana:

Website-monitoring:



Interval 1m

target http://192.168.48.153:30500

Last 6 hours

Refresh 10s

Global Probe Duration

http://192.168.48.153:30500 status

Status

UP

HTTP Status Code

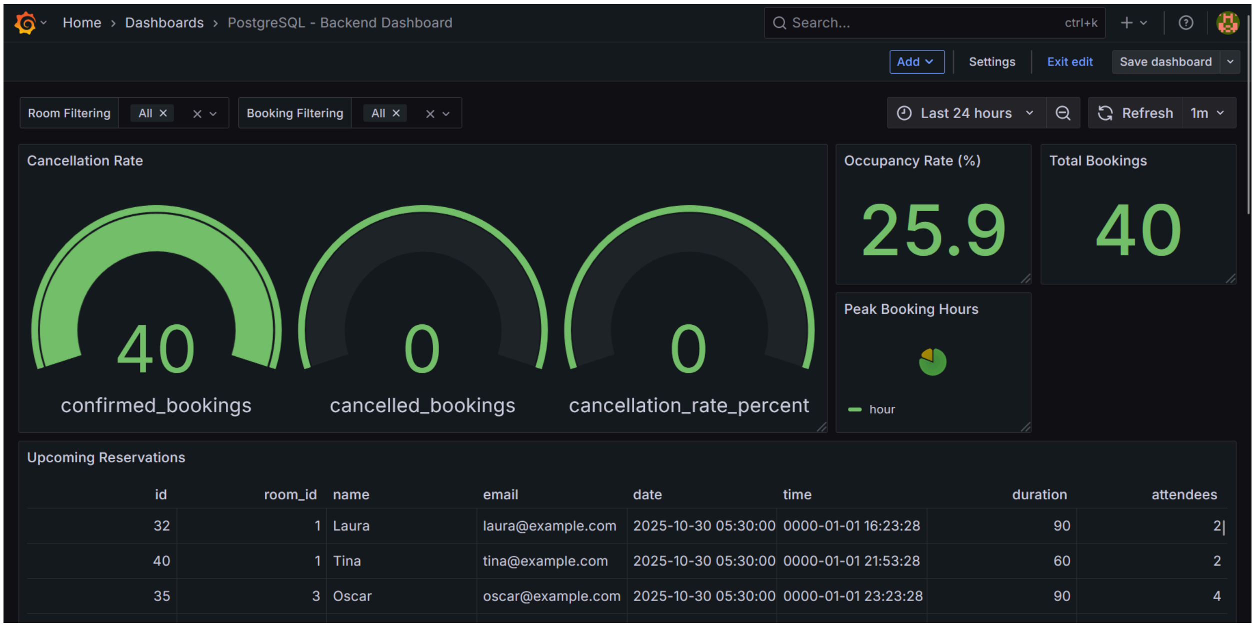
200

HTTP Version

HTTP Duration

Probe Duration

PostgreSQL-Dashboard:



Room Filtering All

Booking Filtering All

Last 24 hours

Refresh 1m

Cancellation Rate

40 confirmed_bookings

0 cancelled_bookings

0 cancellation_rate_percent

Occupancy Rate (%)

25.9

Total Bookings

40

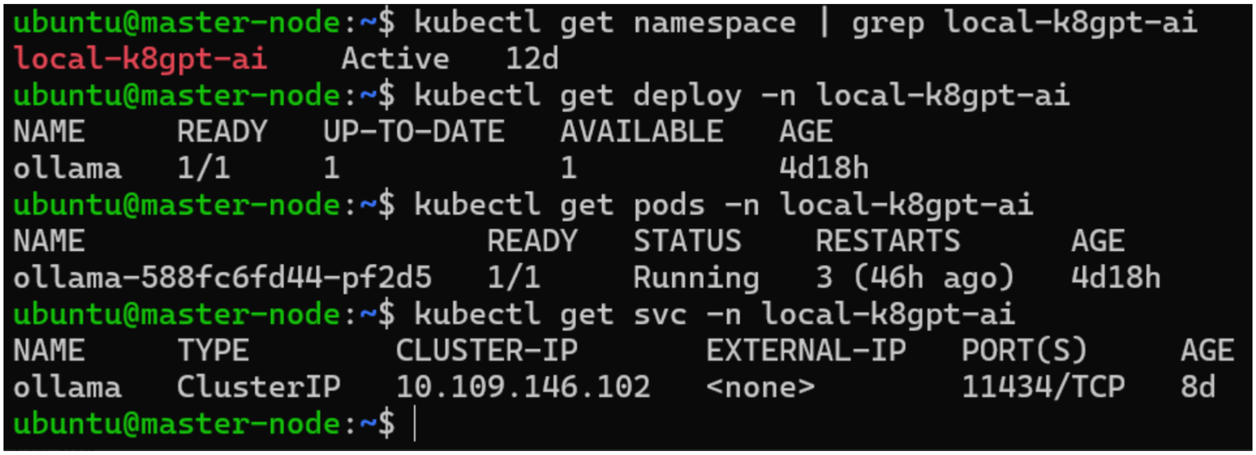
Peak Booking Hours

Upcoming Reservations

id	room_id	name	email	date	time	duration	attendees
32	1	Laura	laura@example.com	2025-10-30 05:30:00	0000-01-01 16:23:28	90	2
40	1	Tina	tina@example.com	2025-10-30 05:30:00	0000-01-01 21:53:28	60	2
35	3	Oscar	oscar@example.com	2025-10-30 05:30:00	0000-01-01 23:23:28	90	4

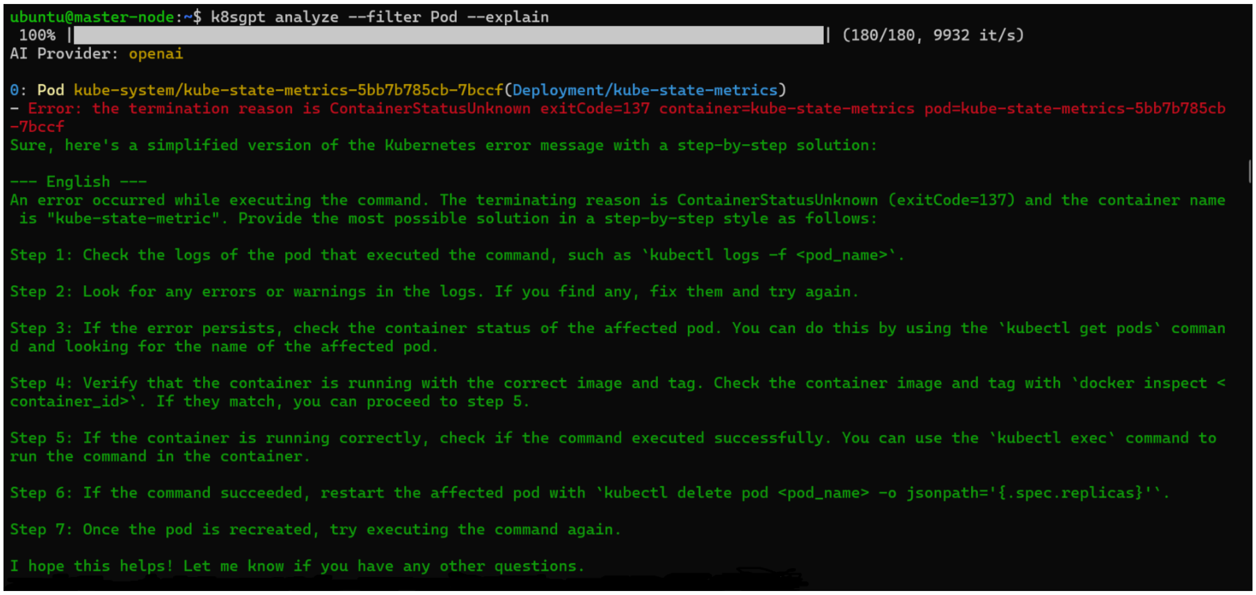
K8sGPT:

K8sgpt pods, deployments & svc:



```
ubuntu@master-node:~$ kubectl get namespace | grep local-k8gpt-ai
local-k8gpt-ai     Active   12d
ubuntu@master-node:~$ kubectl get deploy -n local-k8gpt-ai
NAME     READY   UP-TO-DATE   AVAILABLE   AGE
ollama   1/1     1            1           4d18h
ubuntu@master-node:~$ kubectl get pods -n local-k8gpt-ai
NAME                        READY   STATUS    RESTARTS        AGE
ollama-588fc6fd44-pf2d5     1/1     Running   3 (46h ago)     4d18h
ubuntu@master-node:~$ kubectl get svc -n local-k8gpt-ai
NAME     TYPE        CLUSTER-IP       EXTERNAL-IP   PORT(S)     AGE
ollama   ClusterIP   10.109.146.102   <none>        11434/TCP   8d
ubuntu@master-node:~$ |
```

output:



```
ubuntu@master-node:~$ k8sgpt analyze --filter Pod --explain
 100% |████████████████████████████████████████████████████████████| (180/180, 9932 it/s)
AI Provider: openai

0: Pod kube-system/kube-state-metrics-5bb7b785cb-7bccf(Deployment/kube-state-metrics)
- Error: the termination reason is ContainerStatusUnknown exitCode=137 container=kube-state-metrics pod=kube-state-metrics-5bb7b785cb
-7bccf
Sure, here's a simplified version of the Kubernetes error message with a step-by-step solution:

--- English ---
An error occurred while executing the command. The terminating reason is ContainerStatusUnknown (exitCode=137) and the container name
 is "kube-state-metric". Provide the most possible solution in a step-by-step style as follows:

Step 1: Check the logs of the pod that executed the command, such as `kubectl logs -f <pod_name>`.

Step 2: Look for any errors or warnings in the logs. If you find any, fix them and try again.

Step 3: If the error persists, check the container status of the affected pod. You can do this by using the `kubectl get pods` comman
d and looking for the name of the affected pod.

Step 4: Verify that the container is running with the correct image and tag. Check the container image and tag with `docker inspect <
container_id>`. If they match, you can proceed to step 5.

Step 5: If the container is running correctly, check if the command executed successfully. You can use the `kubectl exec` command to
run the command in the container.

Step 6: If the command succeeded, restart the affected pod with `kubectl delete pod <pod_name> -o jsonpath='{.spec.replicas}'`.

Step 7: Once the pod is recreated, try executing the command again.

I hope this helps! Let me know if you have any other questions.
```

[redacted]

GitHub Link:

https://github.com/Hearsch-devops/ConfOps.git