

UE22CS351B CLOUD COMPUTING LABORATORY 6

NAME : ARNAV SATISH
SRN : PES1UG22CS107

SS1:

```
((base) arnavsatish@Arnavs-MacBook-Pro-3 database % docker ps
CONTAINER ID   IMAGE                                COMMAND                  CREATED        STATUS
PORTS          NAMES
a0d1c8e838f2   pes1ug22cs107                      "docker-entrypoint.s..." 8 seconds ago  Up 8 sec
onds          3306-3307/tcp, 33060/tcp          pes1ug22cs107
(base) arnavsatish@Arnavs-MacBook-Pro-3 database %
```

SS2:

RabbitMQ 3.13.7 Erlang 26.2.5.9

Refreshed 2025-03-04 14:55:51 Refresh every 5 seconds

Virtual host All

Cluster rabbit@a038726a80a8

User PES1UG22CS107 Log out

Overview Connections Channels Exchanges Queues and Streams Admin

Overview

Totals

Queued messages last minute ?

Currently idle

Message rates last minute ?

Currently idle

Global counts ?

Connections: 0 Channels: 0 Exchanges: 7 Queues: 0 Consumers: 0

Nodes

Name	File descriptors ?	Socket descriptors ?	Erlang processes	Memory ?	Disk space	Uptime	Cores	Info	Reset stats	+/-
rabbit@a038726a80a8	44 1048576 available	0 943629 available	443 1048576 available	159 MiB 3.1 GiB high watermark	946 GiB 48 MiB low watermark	0m 48s	8	basic 2 rss	This node All nodes	

Churn statistics

Ports and contexts

Export definitions

Import definitions

HTTP API Documentation Tutorials New releases Commercial edition Commercial support Discussions Discord Plugins GitHub

SS3:

```
create table admins(
    id int auto_increment primary key ,
    name varchar(50),
    password varchar(50)
);

insert admins values(1,'PES1UG22CS107',123);
```

SS4:

localhost:5050/health_check?

Update

Health Check

Container Name	Status
itemcreation	Active
orderprocessing	Active
stockmanagement	Active

SS5:

Inventory

Product ID	Product Name	Quantity	Unit Price	Location
1	phone	10	136000.0	Bengaluru
2	laptop	100	10000.0	Mumbai
3	PC	100	100000.0	Bengaluru
4	pes1ug22cs107	100	12.0	Bangalore

Add Stock

SS6:

Health Check

Container Name	Status
itemcreation	Active
orderprocessing	Active
stockmanagement	Not Active

SS7:

Inventory				
Product ID	Product Name	Quantity	Unit Price	Location
1	phone	10	136000.0	Bengaluru
2	laptop	100	10000.0	Mumbai
3	PC	100	100000.0	Bengaluru
4	pes1ug22cs107	100	12.0	Bangalore
5	PES1UG22CS107	50	250.0	Chennai

Add Stock