TASK – 18

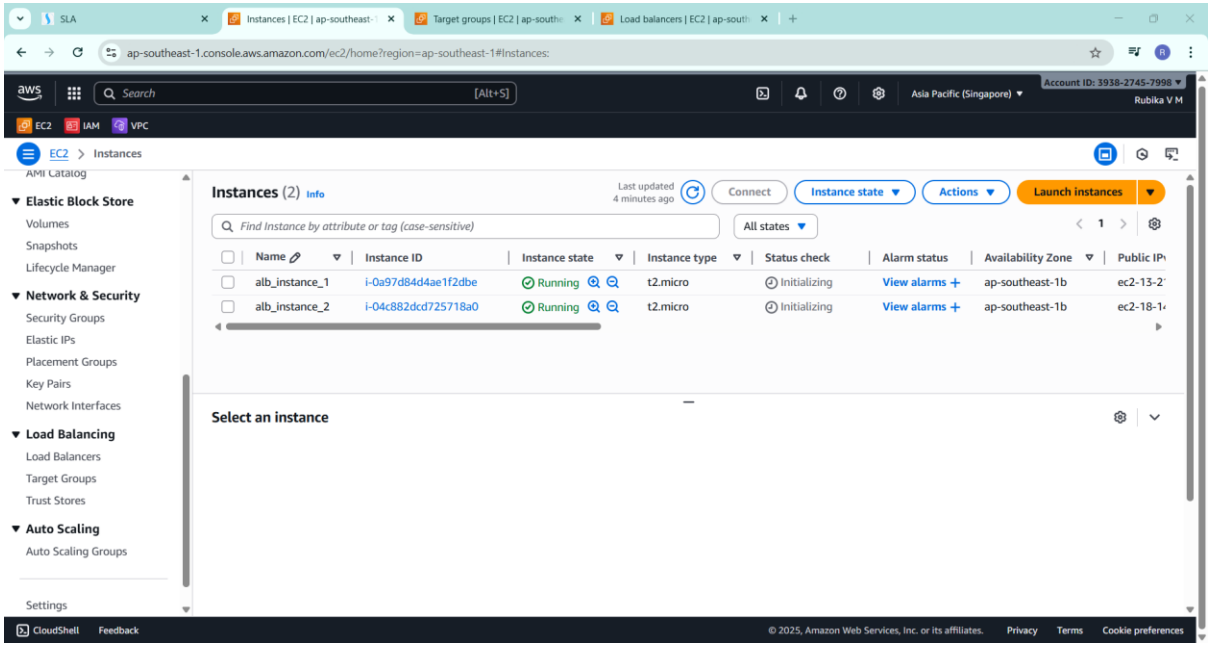
Elastic load balancer

Elastic Load Balancing (ELB) in AWS is a service that automatically distributes incoming application traffic across multiple targets, such as EC2 instances, containers, and IP addresses, within one or more Availability Zones. It enhances application availability and fault tolerance by ensuring that no single target is overwhelmed with traffic and by routing requests only to healthy targets.

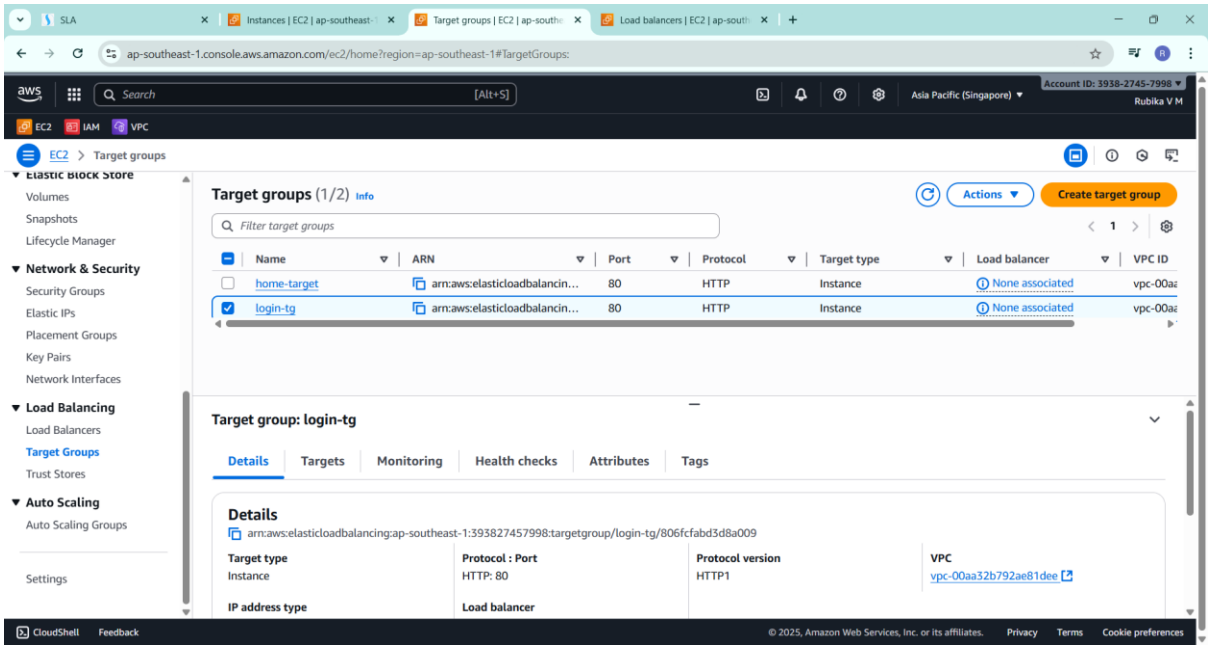
Application load balancer

An AWS Application Load Balancer (ALB) is a fully managed service that distributes HTTP/HTTPS traffic across multiple targets like Amazon EC2 instances, containers, and IP addresses. It operates at the application layer (Layer 7) of the OSI model.

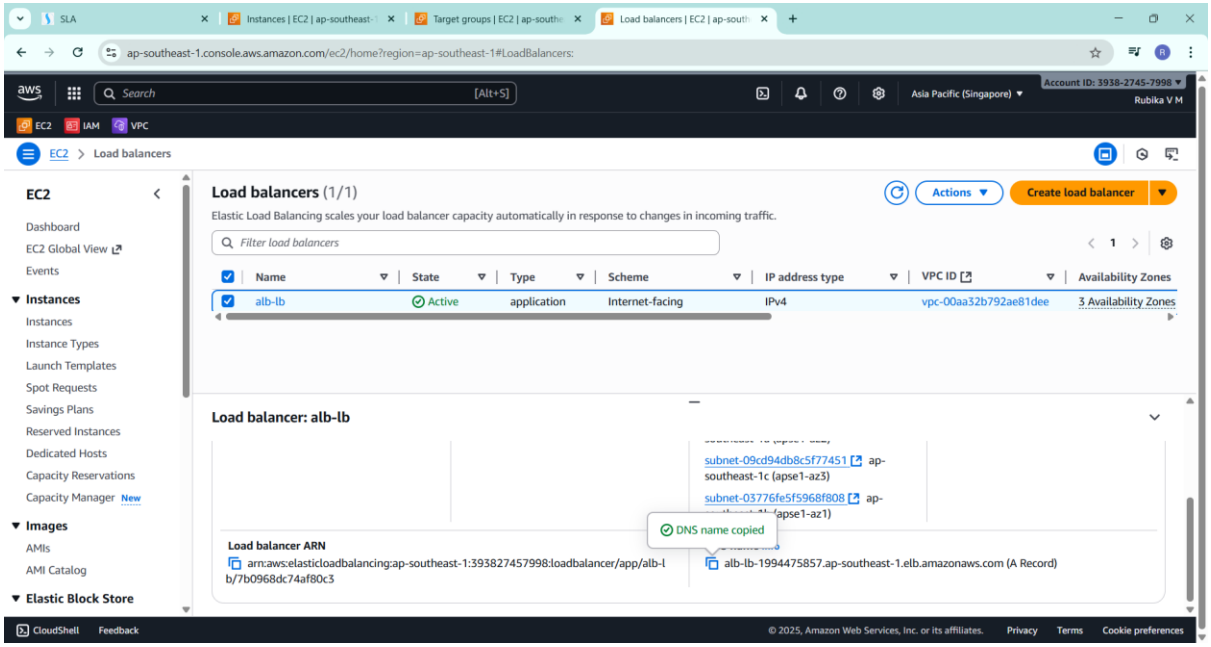
Creation of instance



Creation of Target group



Creation of load balancer



Outcome

It works!

this is my login page

this is my home page