

## Let's Upgrade AWS Essentials

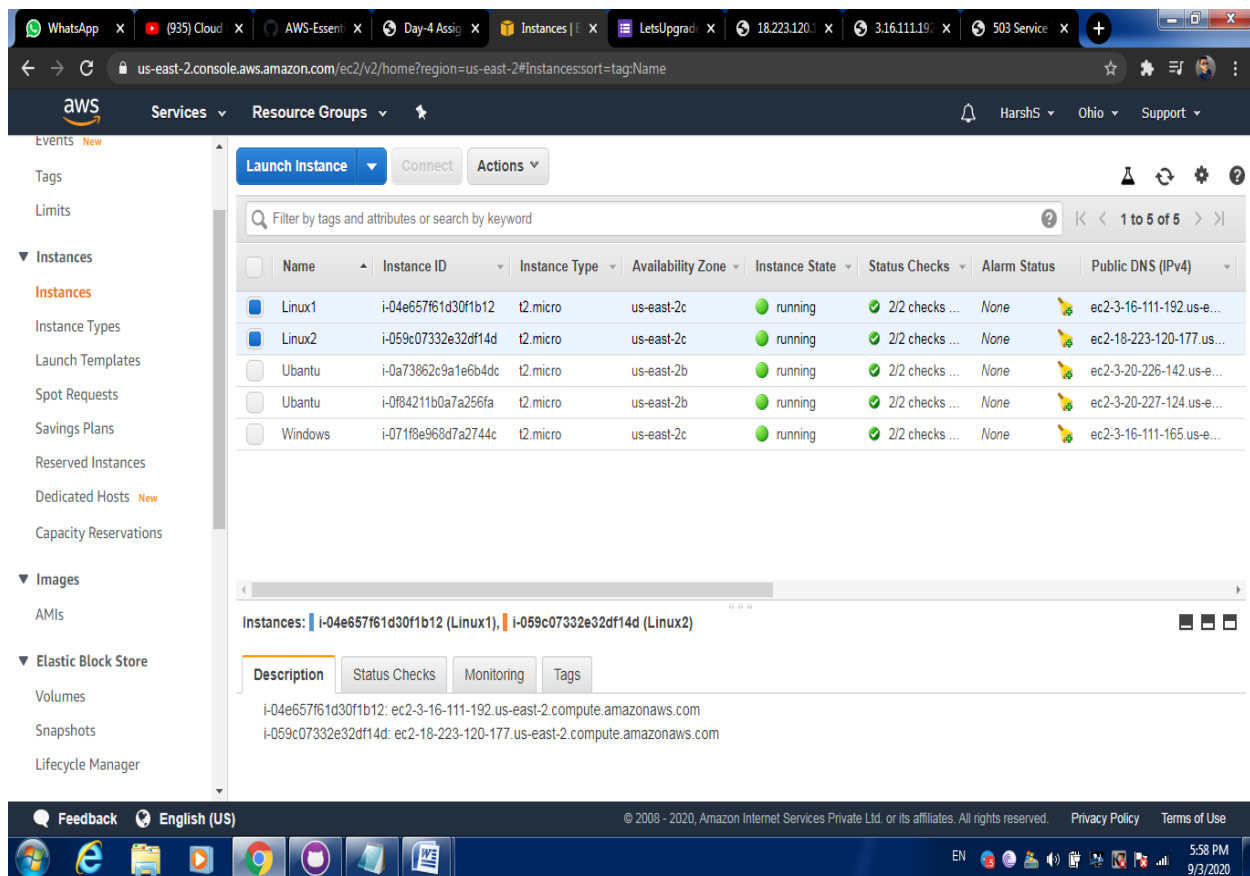
Harsh Saxena

### Day – 4 Assignment - 2

#### PROJECT – 3:-

**Task 1 – Create two linux instances, Use the first free linux AMI**

**Task 2 – Launch both instances using Mobaxterm**

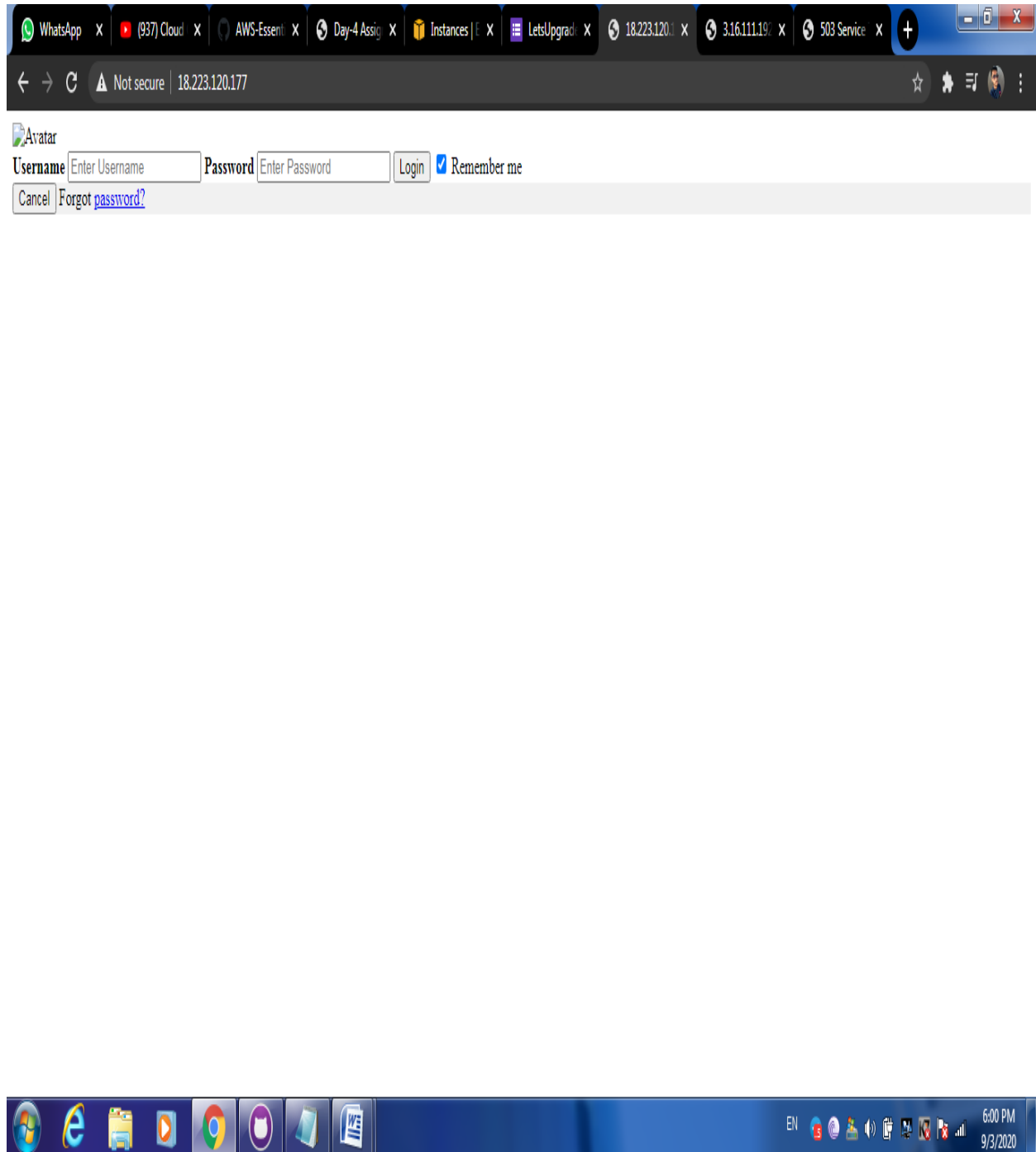


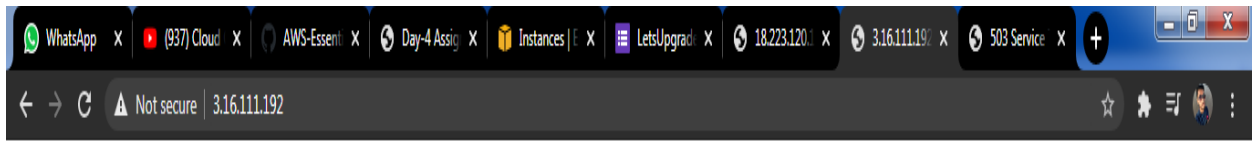
The screenshot displays the AWS Management Console interface. The left-hand navigation pane shows the 'Instances' section selected under 'EC2'. The main content area shows a list of five EC2 instances, all in a 'running' state. The instances are: Linux1, Linux2, Ubuntu, Ubuntu, and Windows. Below the list, there are tabs for 'Description', 'Status Checks', 'Monitoring', and 'Tags'. The 'Description' tab is active, showing the details for the selected instances. The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 5:58 PM on 9/3/2020.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
Linux1	i-04e657f61d30f1b12	t2.micro	us-east-2c	running	2/2 checks ...	None	ec2-3-16-111-192.us-e...
Linux2	i-059c07332e32df14d	t2.micro	us-east-2c	running	2/2 checks ...	None	ec2-18-223-120-177.us...
Ubuntu	i-0a73862c9a1e6b4dc	t2.micro	us-east-2b	running	2/2 checks ...	None	ec2-3-20-226-142.us-e...
Ubuntu	i-0f84211b0a7a256fa	t2.micro	us-east-2b	running	2/2 checks ...	None	ec2-3-20-227-124.us-e...
Windows	i-071f8e968d7a2744c	t2.micro	us-east-2c	running	2/2 checks ...	None	ec2-3-16-111-165.us-e...

**Task3 – Host html login webpage on both servers with HTML code**

**Task4 – Check if the application is deployed on both servers by copy pasting the public ip of the servers into the browser.**





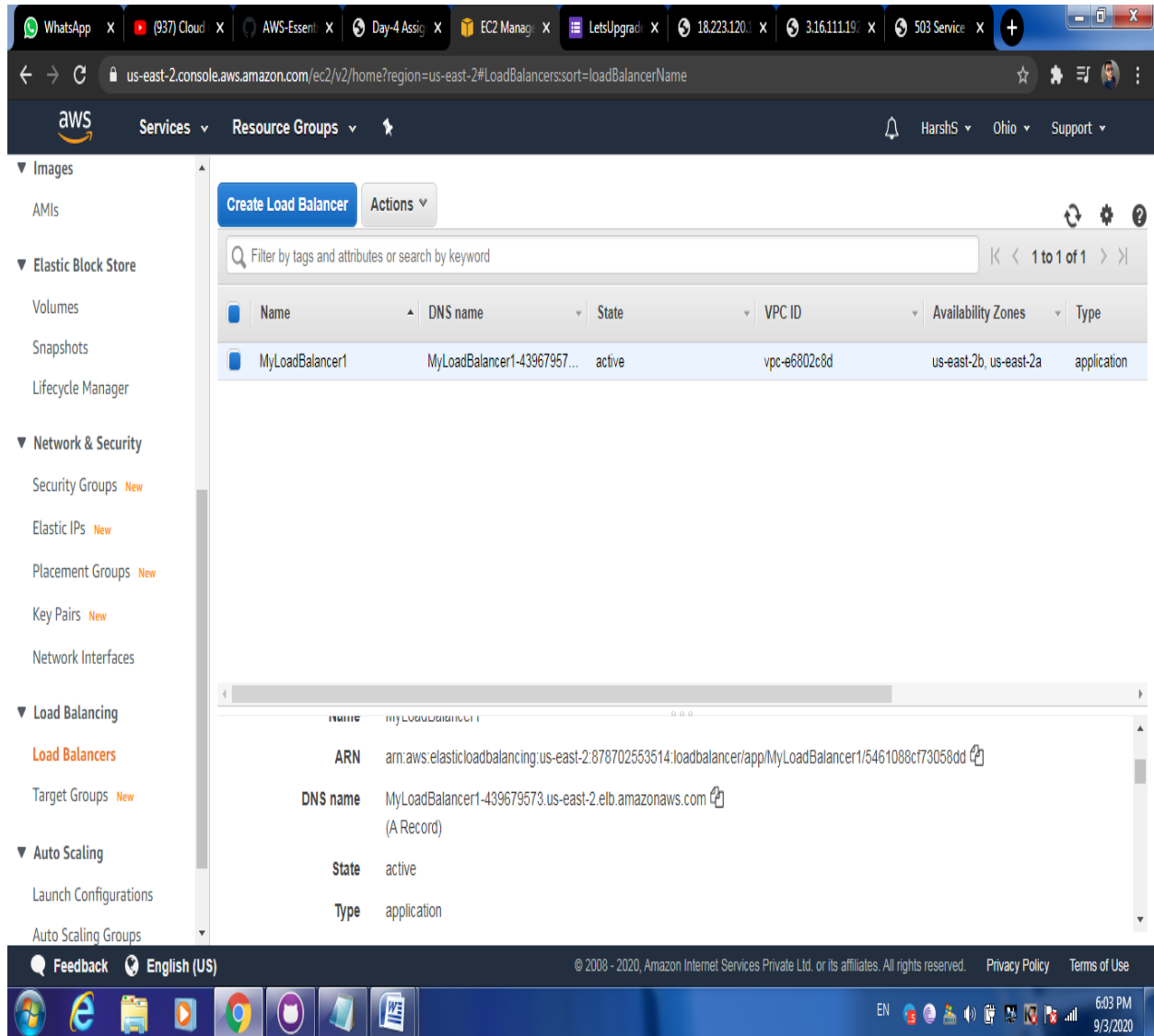
Avatar

UserID  PassKey   ☒ Remember me



**Task5 – Create a application load balancer with the above two instances as targets**

**Task6 – Check the functioning of ELB**



The screenshot shows the AWS Management Console interface. The left sidebar contains navigation links for various services, including Images, Elastic Block Store, Network & Security, Load Balancing, and Auto Scaling. The 'Load Balancing' section is expanded, showing 'Load Balancers' and 'Target Groups'. The main content area displays a table of load balancers. Below the table, the details for the selected load balancer, 'MyLoadBalancer1', are shown.

Name	DNS name	State	VPC ID	Availability Zones	Type
MyLoadBalancer1	MyLoadBalancer1-43967957...	active	vpc-e6802c8d	us-east-2b, us-east-2a	application

name	my-load-balancer-1
ARN	arn:aws:elasticloadbalancing:us-east-2:878702553514:loadbalancer/app/MyLoadBalancer1/5461088cf73058dd
DNS name	MyLoadBalancer1-439679573.us-east-2.elb.amazonaws.com (A Record)
State	active
Type	application