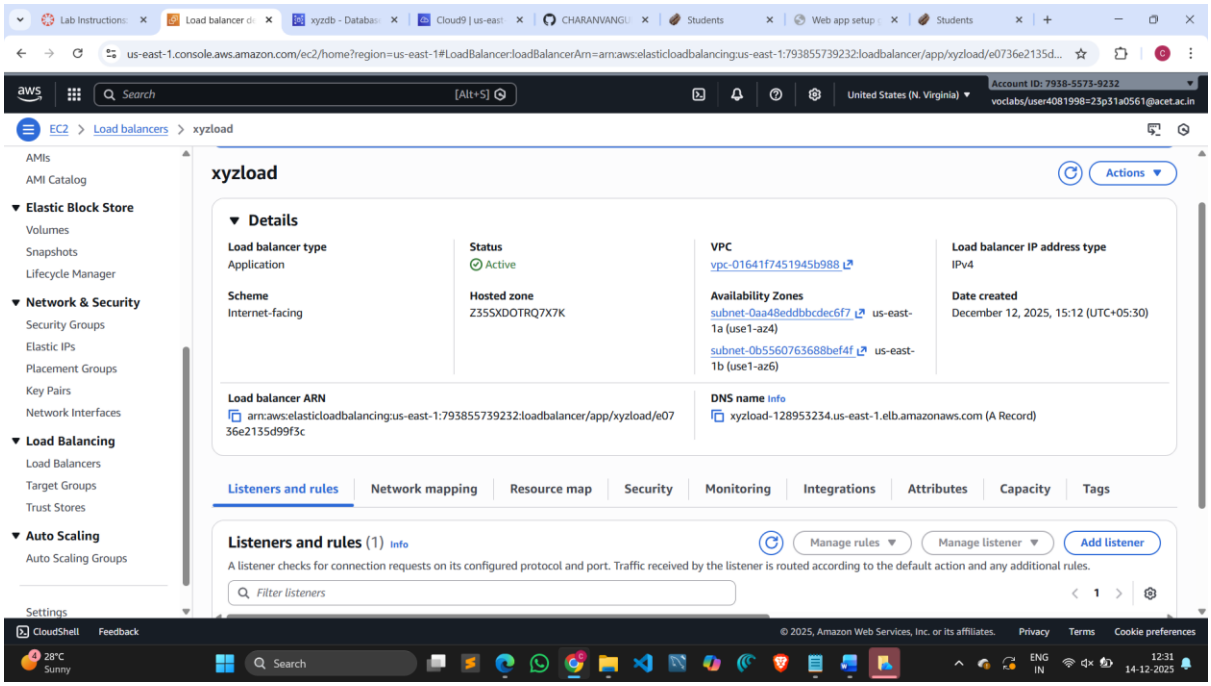
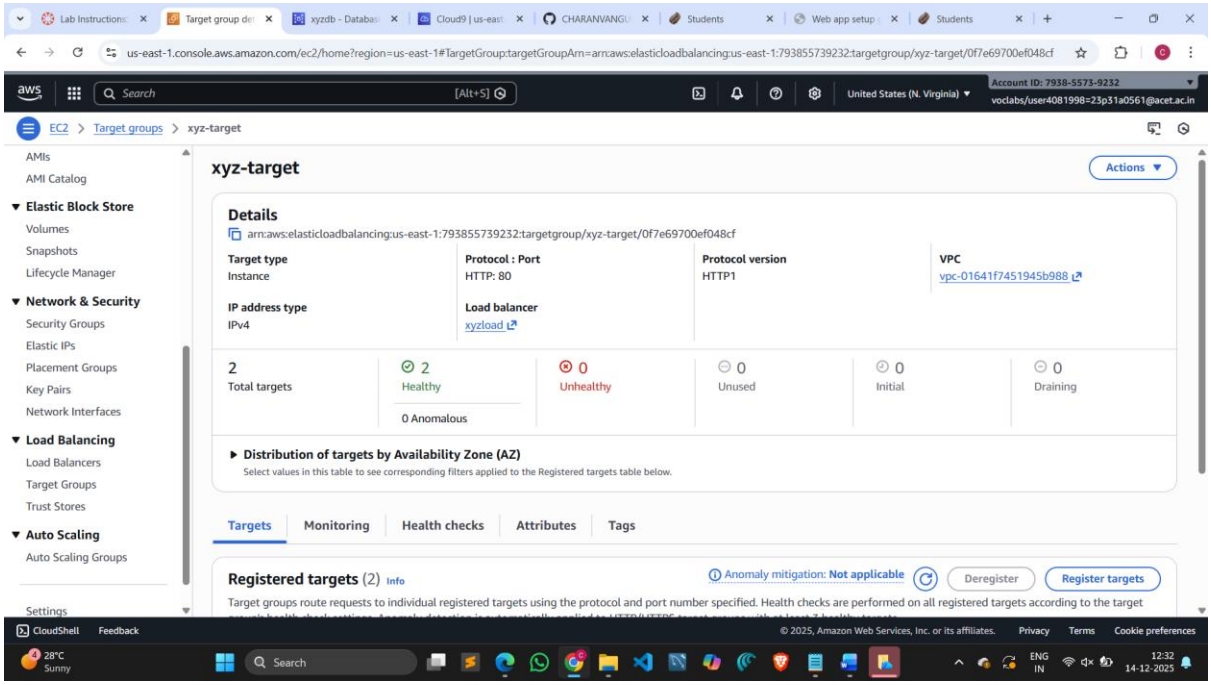
Phase 4: High Availability & Scalability

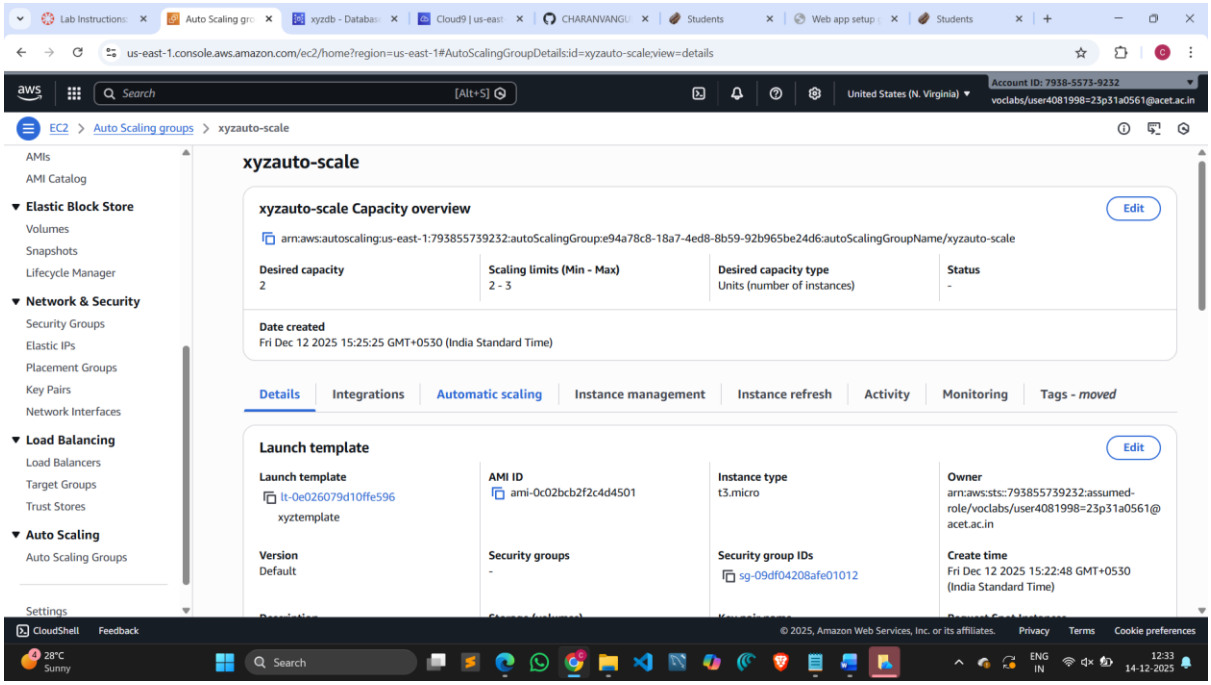
Task 1: Create Application Load Balancer (ALB)



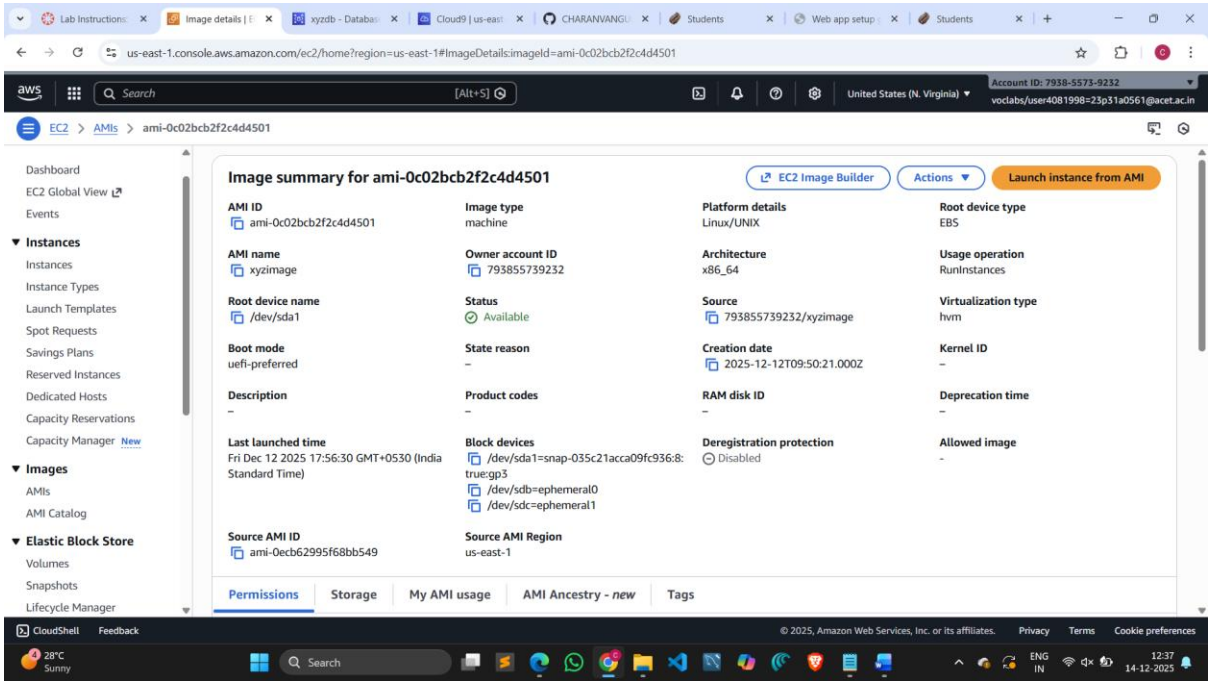
Create Target Group:



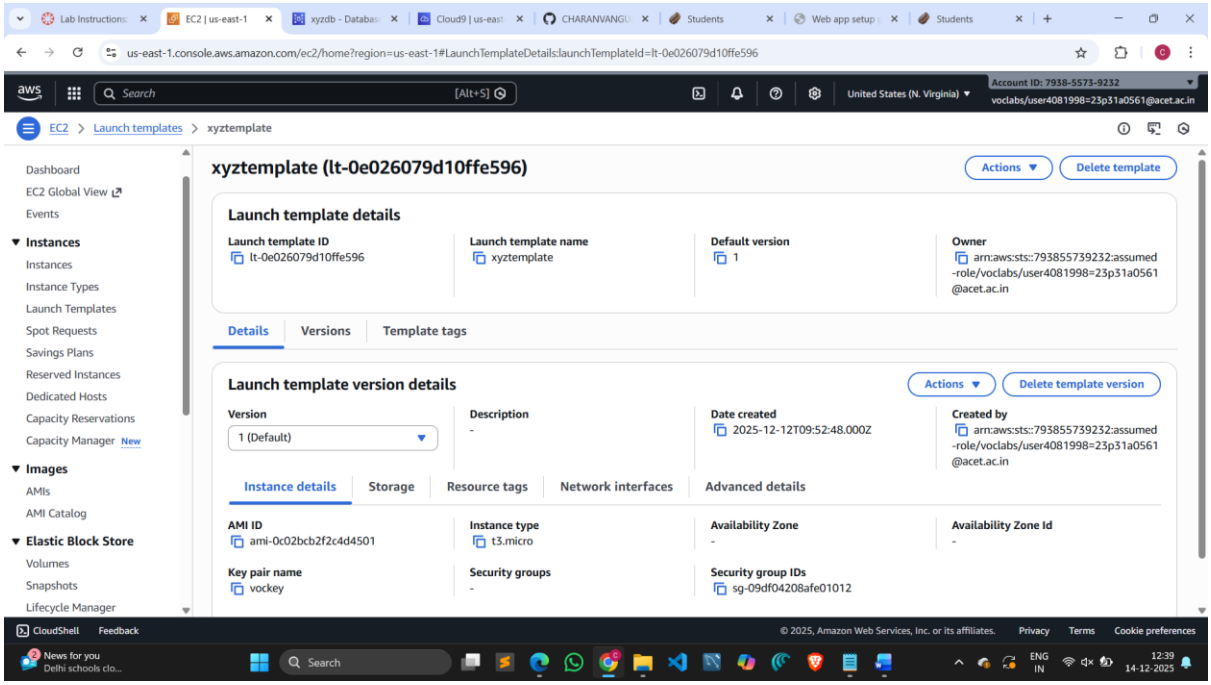
Task 2: Auto Scaling



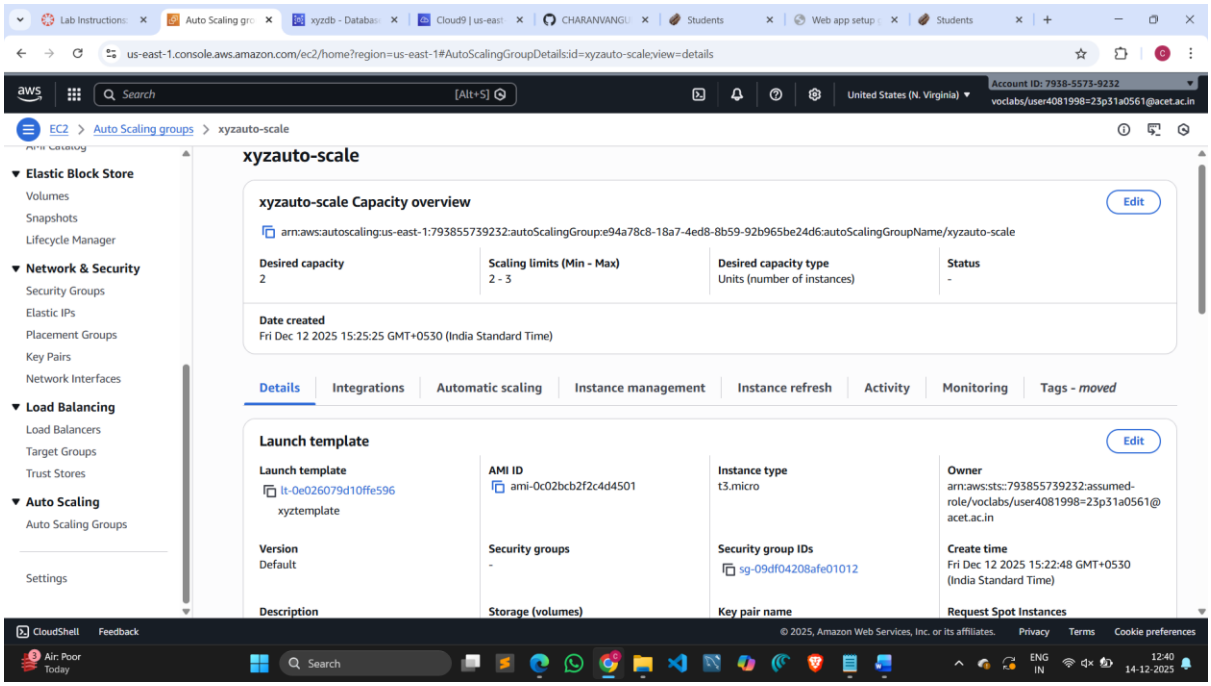
Create AMI



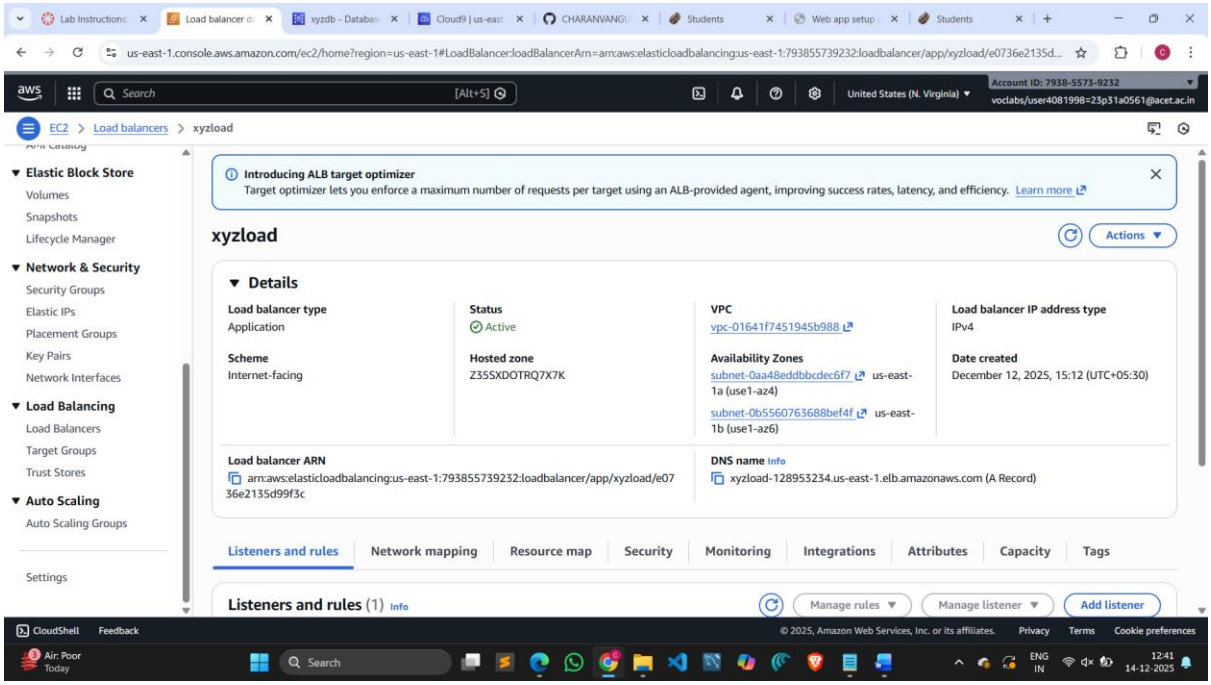
Create Launch Template:



Create Auto Scaling Group:



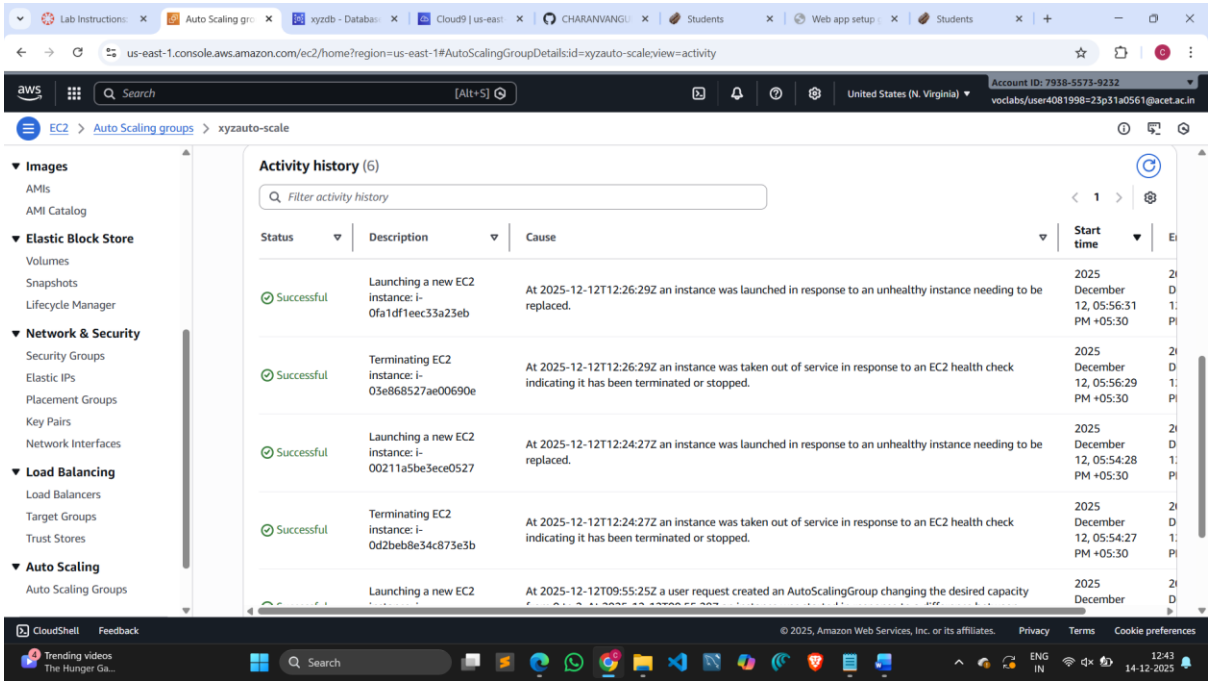
Task 3: Access the Application through Loadbalancer DNS



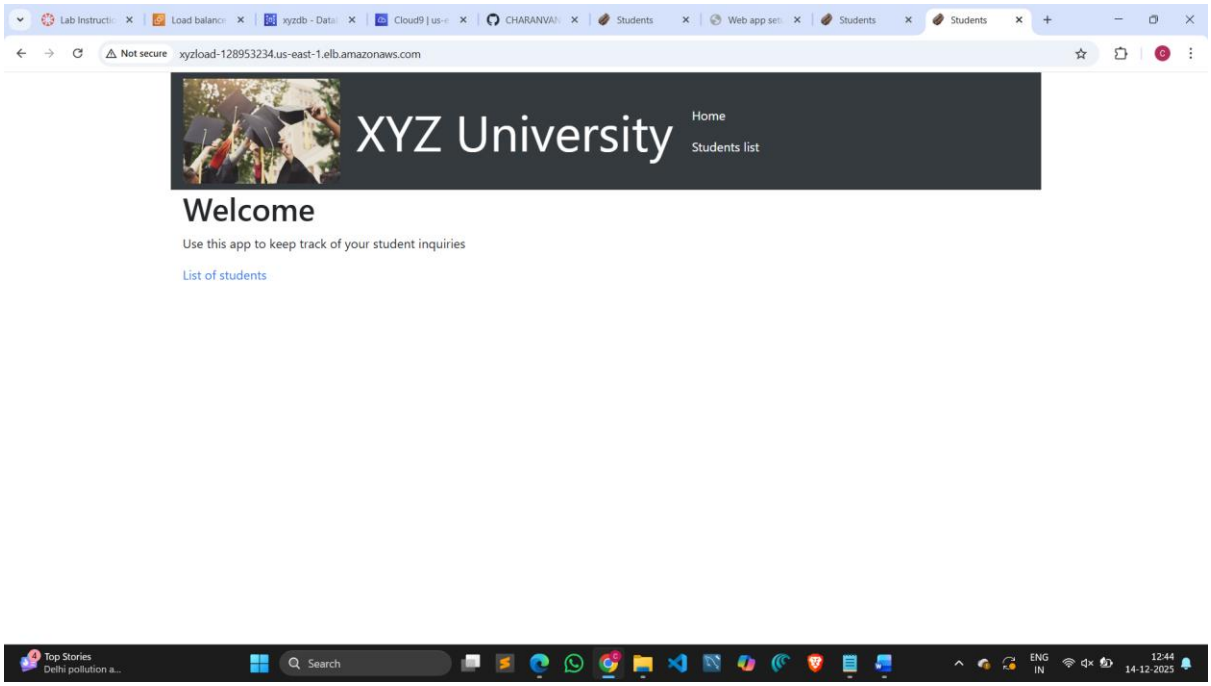
Task 4: Load Test

sudo npm install -g loadtest

loadtest --rps 1000 -c 500 -k http:// xyzdb.cs8f15ln7jey.us-east-1.rds.amazonaws.com/



Final Test through LB DNS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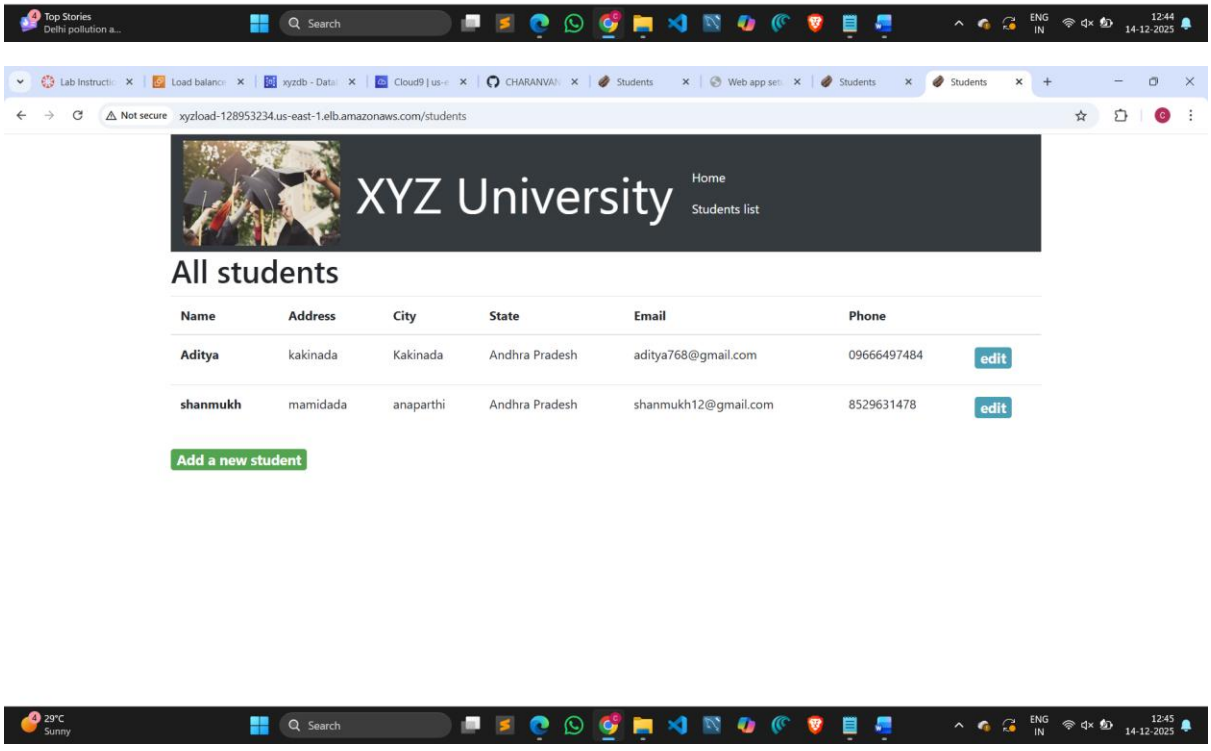
XYZ University
Home
Students list
Welcome
Use this app to keep track of your student inquiries
List of students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xyzload-128953234.us-east-1.elb.amazonaws.com/students
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State
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mamidada
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