MERN ==> MongoDB

Application running locally ==> Migrate it to cloud
Full Stack Application(3 parts)
Front End ==> React App ==> Locally ==> Deployed ==> S3 bucket
Back End ==> Node.js and Express.js ==> Locally ==> Deployed ==> EBS
Database ==> MongoDB ==> Locally ==> Deployed ==> (MongoDB Atlas)

**AWS**

Data Migration Service ==> Database(AWS)

This service migrated the data to the AWS Databases(RDS) ==>
MySQL, ......................................

RDS

## AWS Serverless Event Management Project:-

**Event Registration form**                    **AWS Lambda**              **DynamoDB**

cusname: ----------            **API Gateway**
ename: ------
etime: --------
email: --------
Submit
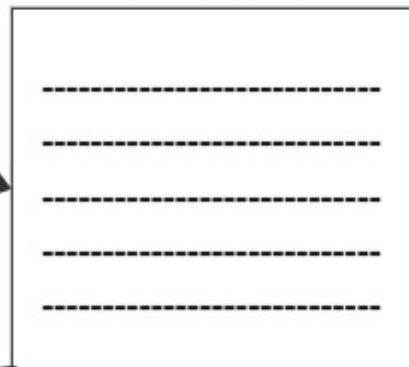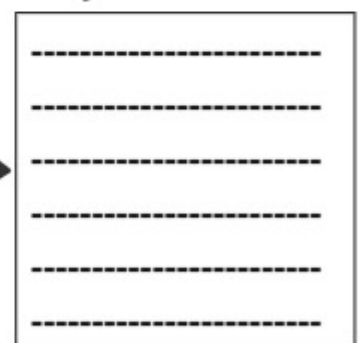
**AWS Cloudwatch**

**SES(Simple Email Service)**

**Customer MailID** ◄

1) We need not manage any servers(not create any EC2 instance)
2) Pay as you go ==> Charged only for the execution time, not for
the idle time

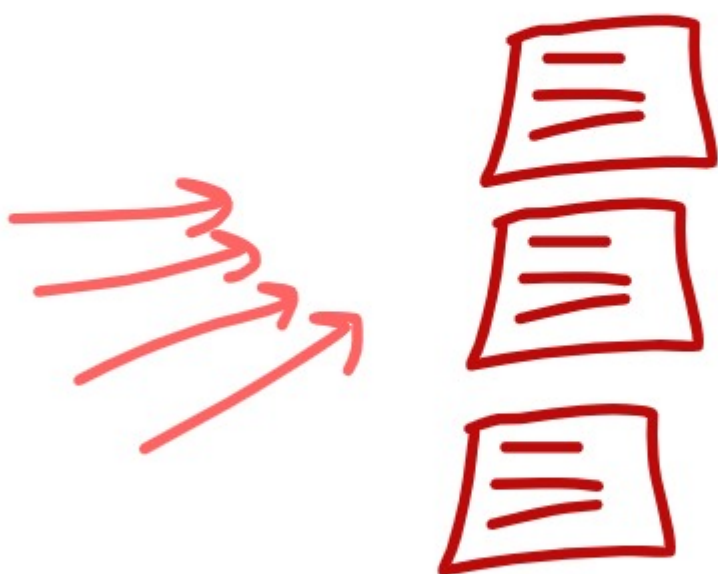2) For longer tasks EC2 is preferred, and for shorter tasks AWS Lamba is preferred

EBS ==> Not serverless
EBS ==> Background(servers, Auto Scaling, .............)

AWS Lambda ==> Serverless

No requirement of any server, Code runs on demand, Auto scales that function, Pay only
when the function runs
AWS Lambda ==> function ==> keep our code

0.20$ for 1 million requests ==> 17 INR

t3.large ==> 1hr ==> 8 INR ==> 200 INR ==> 6000 INR

EC2 ==> Hotel Room ==> pay the bill for that entire day
AWS Lambda ==> Rooms ==> nap for 1 hr ==> 100 INR