



the infrastructure :

1-s3 bucket :

for storing static files that serve as the front end ui that the user will interact with

2- Elastic beanstalk :

it has a combined infrastructure that serves multiple purposes :

a)EC2 instance : which holds necessary software for running the web application (operating system - web server - backend programming language etc)

b)Security group : which regulate incoming requests and outcoming responses (eg: http or https requests , ports , IP addresses allowed for each rule , etc)

c)s3 bucket : serves as a storage for backend files

d) load balancer : for autoscaling if the traffic gets higher or lower (creating or terminating EC2 instances)

3)RDS : relational database for storing persisting data and retrieving persistant data

4)IAM : for creating users with certain policies , according to policies , each user can access or modify certain aws service