Explanation :

To implement this architecture I am choosing microservices architectural style there are many advantages of using microservices compare to traditional architectural style. In microservices architectural where entire application is divided into small invidual unit which are independent to each other so if we want to perform any operation we can only perform on that particular thing with out interputing workflow of entire application.

To implement this architecture in AWS cloud I use the services like s3, cloud front, load balancer , amazon ECS, amazon aroura, RDS, dynamo db.

Step by step working:

1. When ever user generates the request the cloud front accepts the request.
2. It will get the static content of the website from s3 bucket and forward the request to load balancer.
3. The loadbalancer forward the request to amazon ECS.
4. In amazon ECS we have different containers for each and every module of application suppose in my students information is one module, payment is another module, tarck my future like that it contains many modules.
5. Each and every module has its own container this container associated with its own database based on user request it redirect to that module container and generates the output to user.

