

### Lab3:

- 1- Don't work on the default Workspace Create a new workspace called dev
- 2- Using custom not public modules to implement the below diagram
- 3- remote bucket For statefile
- 4- Use remote provisioner to install apache or proxy in machines then use local-exec to print all the ips to a file called all-ips.txt with format  
public-ip1 1.1.1.1  
public-ip2 2.2.2.2
- 5- Use the datasource to get the image id for ec2
- 6- The first Loadbalancer is public , and the other one that will send thee traffic to the private machines will be private
- 7- Github URL with the below inn it:
  - a. Code
  - b. Screenshot from creating and working on workspace dev
  - c. Screenshot from the configuration of the proxy
  - d. Screenshot from the public dns of the load balancer when you send a traffic to it from a browser and it returns the content of the private ec2s
  - e. Screenshot from the s3 that contain the state file

