GCP deployments in multi environments and Projects using Terraform workspaces

* Terraform workspaces

1. dev
2. test

* Terraform projects in gcp console for each workspaces .

1. gcp-terraform-dev-348811
2. gcp-terraform-test-348811
3. gcp-terraform-348507(default)

* Recourses for each project and stored the values in variables using functions(lookup)

1. google\_compute\_instance
2. google\_storage\_bucket
3. google\_compute\_network
4. google\_compute\_subnetwork
5. google\_compute\_firewall

* Backend.tf is created and stored the files remotely in gcs bucket.
* Moved to another location and tested using terraform validate command
* Code has been added to git hub and tested in migrate state .
* Github URL : [Terraform project](https://github.com/ShaliniAnanthan/terraformIAC/tree/main/terraform%20project)

Result:

Terraform scripts can able to deploy the resources in different env as expected .