K8s Setup

```
Projects → Namespace

Permission
Template → User Permission → Namespace
                          → Pods
Roles                     → Containers
                          → App Servers
Users                     → Volume

Git Repo → CI/CD Pipeline → Script (IAAC)
```

Monitoring

Audit
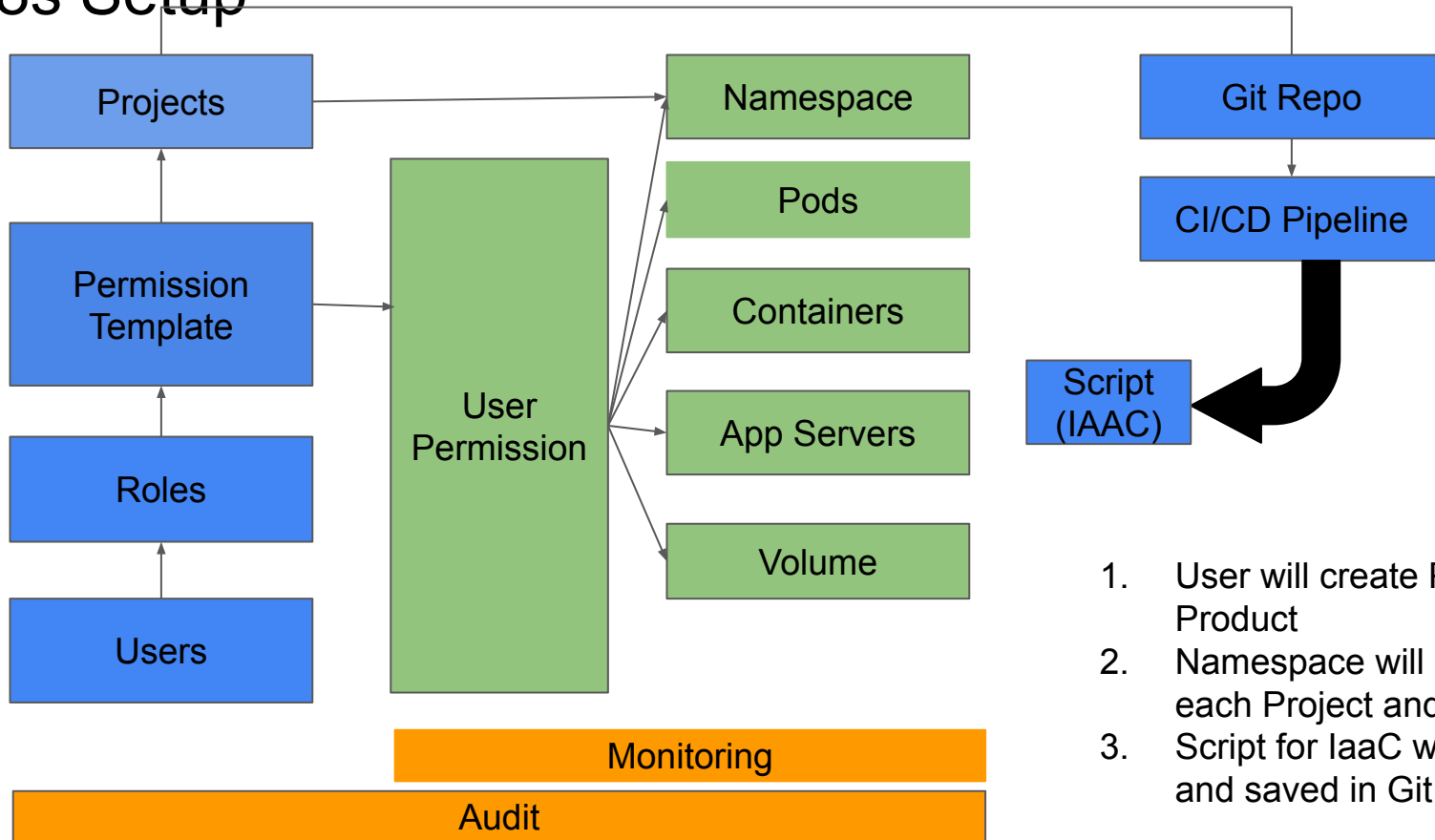
1. User will create Project or Product
2. Namespace will be unique for each Project and Product.
3. Script for IaaC will be created and saved in Git

1. For each project or product, a Namespace will be created.
2. Project/Product metadata(s) will be captured and stored.
3. Scripts will be generated based on requirements (metadata captured)
4. Scripts will be saved in git repo.
5. CI/CD Pipeline will create infrastructure based on script.
6. Permission will be created based on the template and template will attached to projects.
7. During project creation, permission will be selected for each role.
8. Permission will be applied to script during creation of infrastruture.