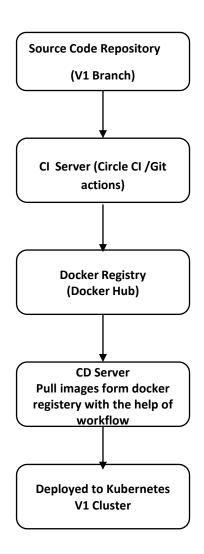*We are using Agile Methodology and build is happening from github actions.*

V1 and V2 separate branches. CICD implement in V1 and once its working then merge the code to V2 branch.

```
┌─────────────────────────┐                              ┌─────────────────────────┐
│  Source Code Repository │                              │  Merge code to V2 Branch│
│                         │                              │                         │
│      (V1 Branch)        │                              └─────────────────────────┘
└─────────────────────────┘                                          │
             │                                                        ▼
             ▼                                          ┌─────────────────────────┐
┌─────────────────────────┐                             │  CI  Server (Circle CI /Git
│  CI  Server (Circle CI /Git                           │        actions)         │
│        actions)         │                             └─────────────────────────┘
└─────────────────────────┘                                          │
             │                                                        ▼
             ▼                                          ┌─────────────────────────┐
┌─────────────────────────┐                             │      Docker Registry    │
│      Docker Registry    │                             │       (Docker Hub)      │
│       (Docker Hub)      │                             └─────────────────────────┘
└─────────────────────────┘                                          │
             │                                                        ▼
             ▼                                          ┌─────────────────────────┐
┌─────────────────────────┐                             │        CD Server        │
│        CD Server        │                             │  Pull images form docker│
│  Pull images form docker│                             │ registry with the help of│
│ registry with the help of│                            │        workflow         │
│        workflow         │                             └─────────────────────────┘
└─────────────────────────┘                                          │
             │                                                        ▼
             ▼                                          ┌─────────────────────────┐
┌─────────────────────────┐                             │  Deployed to Kubernetes │
│  Deployed to Kubernetes │                             │        V2 Cluster       │
│        V1 Cluster       │                             └─────────────────────────┘
└─────────────────────────┘
```

Once the continues deployment using V1 branch is completed and confirmed, merge the complete code to V2 branch then CICD will trigger in V2 deployment.