CICD PIPELINE PROCESS:

Maven as Build System:

GithHub Repo:

1. Once code is deployed into Development Branch. It will automatically trigger build to TeamCity.
2. Docker file will be present in the git repo root project code (to deploy docker image in Kubernetes cluster)
3. Yaml file will be present in root project code (Details of deployment in Kubernetes)

Configure Pipeline for TeamCity:

1. Will check code in Development Git Branch and once it pass all the test cases will deploy version in Kubernetes cluster.
2. It will be configured for SonarCube checks and additional checks.
3. Deploy in Kubernetes cluster

Kubernetes:

1. Create Cluster

Build Agenda for Upcoming Sprints:

1. Share a sample runnable code to Dennis and Nick Team **(Wipro Team- Sprint 4 Planning)**
2. Once sample is shared integrate the docker file configuration and yaml file configuration (as of now manual deployment to kubernetes cluster) for rest of the services **(Sprint 4 Planning)**
3. Create Remote Configuration file for teamcity build **( Future Sprint Planning)**
4. Remote configuration Server **( Future Sprint Planning)**
5. Stag and Prod CICD configuration **(Future Sprint Planning)**
6. Build Automation **(Future Sprint Planning)**
7. Deployment Automation **(Future Sprint Planning)**
8. Share sample steps to Team **(Sprint 4 Planning)**