

1. Plan

- \* Purpose - -> Discuss about application features & create plans
- \* Tools --> JIRA
- \* Work --> Tasks, Features, Team Build

2. Code

- \* Purpose --> Develep the features & Code writing
- \* Tools --> Git, GitHub, GitLab
- \* Work --> Make the versions of source code

3. Build

- \* Purpose --> Convert the source code into the executable application
- \* Tools --> Maven, Docker, jenkins

4. Test

- \* Purpose -->Test the queliy of application
- \* Tools --> Selenium, Junit
- \* Work --> Automate the tests of Unit, Performance, Find out bug, errors

5. Deploy

- \* purpose --> Deploy the application to staging env & production env
- \* Tools --> Kubernetes, AWS, Ansible
- \* Work --> Deploy application to diffrent env staging/production with zero downtime

6. Operate/Mantain

- \* Purpose --> Keep update the application & OS, Work on performance
- \* Tools --> Ansible, Chef
- \* work --> Regularly update the patches, and update configuration related tasks

7. Monitoring

- \* Purpose--> Monitor / Tacking the performance of application and machine
- \* Tools --> Prometheus, Grafana, Nagios
- \* Work --> Monitor the logs & matrix, CPU, RAM, Management of alerts

