**CONCLUSION AND FUTURE WORK**

**8.1 CONCLUSION**

The tasks for the successful automated deployment have been completed and the code has been automatically deployed on the server with the help of puppet automation. With the help of puppet the installation of services like jenkins, jfrog, nagios are automated and the installation can be carried out on any server. Nagios successfully monitors the hosts and returns the alerts for all the services running in the network. By following the DevOps module, the site reliability engineering project has been successfully implemented.

**8.2 FUTURE WORK**

The steps involved in the installation and configuration of build tool maven can be automated using puppet script. Till now its the only tool in the proposed system whose installation is yet to be automated. It involves the integration of multiple dependencies and tools to build the code. The definition of paths in maven and installation of plugins in jenkins is a vital part of the future work related to automation. The automated provisioning of the virtual machines by hypervisor can be done using the tool razor. This will lead to the achievement of high availability of the system. The specified tasks upon completion will result in an advanced automated environment.