

## CHAPTER 6

### CONCLUSION

In the end, web service security is a very important thing. With the available token, each service that is sent becomes safer and not just any user can access the service. Token contained in JWT can make the user have authentication to access the services that are available. Combined with additional encryption using the AES method for data sent through the service can protect the data from intruders. Although the time needed to encrypt the message will be taken 373.88ms which is 238.32 millisecond slower than the unencrypted.

A suggestion for an application or service to be made next is to not only focus on interesting features, but the security of the data also must be considered and use the encryption and authentication method of each service access so that the data is save from intruders.

