CHAPTER V

CLOSING

1.1 CONCLUSION

Based on research that has been done to improve the quality of internet access in the boarding environment by designing signal strength and quota-based bandwidth management. The author concludes as follows:

1. The firewall functions to check and determine incoming or outgoing data packets from a network and the NAT (Network Address Translation) feature will discuss sjebario masquerade, filter rule features that will address the site's ip for blocks, accepts and actions.

2. Signal strength is good, but this bandwidth limitation is very helpful. Because it does not make waste of quotas as before, which there is no bandwidth limitation for each room. After each room is restricted the internet usage does not exceed the quota that has been given by IndiHome.

3. The dude functions to monitor computer networks simply and easily. The dude can also give a notification to the admin if one of the users is not using the internet

4. OpenSignal is a set of signal devices that show you how to get a better network connection instantly, find the nearest free Wifi hotspots around the world, view signal maps so users can compare network performance in their area and test the speed of a mobile or Wifi connection.

5. Signal detector is a special device for Android users, its use is almost the same as The Dude and command prompt, but this is especially for mobile phones. By using this application we can know the strength of the transmitted signal whether good or not

6. Arranging the exact location of the router and can be reached by all boarders.

1.2 Suggestions

In writing this thesis, of course there are still deficiencies that might be improved in further development, there are some suggestions as follows:

1. Use the queue tree on bandwidth restrictions to be better

2. At login you can make it more interesting

3. In a layout layout router location must also be placed the right place.

4. Looking for mobile applications that can monitor the entire network and where to place the best place.