

## **ABSTRACT**

*Nowadays, computer network is a must in every company. Designing the network before implementing it, will give us an optimal network. This network will have faster access speed and will make error detection easier.*

*Designing a good network, is more needed in an institution like Indonesian Police Department. Beside increasing their work efficiency, it will result in increasing public satisfaction. In this final year project, we will design LAN/WAN that will be used in the department. Ethernet is the technology chosen. Based on the low cost and we could also gain a very high access speed. This technology commonly used in public.*