## **ABSTRACT**

Traffic may already be familiar to our ears, even has become a daily routine of human beings. Traffic is also one of the problems that until now can not be solved completely. The problem of this bottleneck can actually be investigated further scientifically, one of which is to examine the current traffic flow. In this final project conducted analysis of the traffic flow by using cellular automata theory so that we can know how the occurrence of the traffic and when the traffic will be occured.

**Keywords**: traffic flow, Cellular Automata