

## ABSTRACT

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*Along with the development of the world technology, monitoring an object can be developed with various of variation. A wireless sensor network (WSN) is a wireless network system that can monitor the condition of an object by putting some of the sensor in different places .In this WSN experiment done on the matter of life in the farms of fresh-water lobster. In this experiment, use some a sensor namely temperature sensor, salinity sensor, and pH sensor. The three sensors placed at various angles ponds and configure a wireless network between sensors to be connected to the server so that the user can monitor the state of the pond by using by monitor. In this experiment, the circumstances surrounding the pond can be controlled with real time so that the life of freshwater crayfish well maintained.*

*Keyword : Wireless Sensor Network, Sensor, User, Real Time*