ABSTRACT

The rise of elephant hunting by irresponsible individuals encourages conservationists to continuously monitor the elephant population in the wild. Utilizing an information technology system, one solution can be produced in the form of a system that makes it easy for activists of elephant conservation to monitor, examine and interact with these herds of animals. By integrating the LoRa and GPS modules and using radio frequency as a medium for sending data, you can build a tool to detect the location of elephants in the wild with an output in the form of accurate and real time elephant coordinates.

Keywords: Elephant Conservation, Location Detection Tool, Raspberry Pi, LoRa Module