ABSTRACT

This device aims to make it easier for fishermen to get information about wind speed and wind direction in their area using a website. The benefit of this website is that fishermen do not need to check the conditions of wind speed and direction using a hunch that can endanger themselves and fishermen do not need to buy wind monitoring tools individually. The use of Nodemcu is used to transmit wind speed and wind direction data to the server. PHP programming language is used to create websites. Phpmyadmin is used as a storage container for sent data. Bootstrap is used as a CSS framework. Javascript is used to check for new data.

Keywords: PHP, Bootstrap, Javascript, Sensor Anemometer, WindVane, Sensor arah, Nodemcu.