

ABSTRACT

In the world of agriculture the technology created aims to make it easier for the community, especially farmers, so that the agricultural products obtained are more effective than before when the technology was not yet created. A system created in this study is a system that utilizes artificial intelligence that is able to provide watering needs for chili plants by using the Long Short Term Memory (LSTM) method. The system to be built is expected to provide output in the form of watering decisions for chilli plants with good accuracy.

Keywords: *Smart Farming, artificial intelligence, Long Short Term Memory (LSTM).*