

Abstract

Humidity in the Telkom University Landmark Tower (TULT) building with different heights can change according to the air content in the building. This will be difficult to predict because humidity will experience differences at each height of the building. To overcome this, the Gated method Recurrent Unit (GRU) Networks and Internet of Thing (IoT) are expected to be able to predict humidity at different heights at Telkom University Landmark Tower (TULT). The author created a temperature and humidity prediction system to predict temperature and humidity at different heights at TULT. The author uses the Gated Recurrent Unit (GRU) Networks and IoT algorithm to carry out temperature and humidity measurements that will be made because they are very flexible.

Keywords: Gated Recurrent Unit Networks and Internet of Things