

ABSTRACT

The needs of the manusia are currently followed by an increase in technological needs, one of which is in the field of climatology, especially in agriculture. Soil is the most appropriate and good medium for the cultivation of strawberry plants. Strawberry plants can grow and produce well in high-altitude areas (with an altitude of 1,000-1,500 meters above sea level), temperatures between 17-20 C, air humidity of 80-90%, rainfall of 600-700 mm / year, and pH of 6.5-7.0, Plant and soil care problems in strawberry plants require special attention for strawberry farmers, especially in the soil as the main medium needed by farmers for strawberry cultivation is a tool that can control pH that can control pH and soil moisture and automatic sprinklers, because the soil itself has saturated properties and can coagulate if watering is carried out continuously For this reason, a tool is needed that can measure, humidity and pH in strawberry plant media. To create this system requires a sensor DHT22, Soil Moisture and pH

Keywords: Monitoring Sistem, Telegram, Website.