# ABSTRACT

Rainfall in 1 millimeter (mm) is the amount of rainwater that falls on the surface of an area of square meters ($m^2$). This means that rainfall of 1 millimeter (mm) is equivalent to 1 liter / $m^2$, which means that in an area of 1 meter In one area the characteristics of rain vary from location to location. In this case, the measurement of rainfall is only carried out at one point for the entire region, even though rainfall in one area has a rainfall value that varies in each region. Needed, it is necessary to measure rainfall in each location points that have different rainfall values in the region to determine the amount of rainwater that falls and calculate to determine the volume of rainwater that falls in the area measured by the rainfall.

From the description above, we need an information system with a media website that can calculate rainfall in real time and be able to draw rainfall data taken from the database to be processed using javascript and HTML programming languages using the prism open space volume calculation method passing through rain.

With the rainfall counter information system with name Smart Rain System, the community will find it easier to get information about information about the amount of rain water provided in real time. The time needed to access the website is 2.5545 seconds. With the error value of rainfall volume that is equal to 5.29% and the error value for laying the marker is equal to 5.35%.



**Keywords**: Rainfall, Information System, Website