

## ABSTRACT

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This monitoring method is one method of preventing the continuation of damage from a device or object being used, the Monitoring Method that has a notification using the SIM800 sensor as a warning via SMS that damage to the bus has been detected when the xbee sender sends damage data detected by the sensor to xbee receiver, and will be displayed on the serial monitor that has been connected to Arduino, then will be captured by RealTerm and the damage data will be displayed in the txt form data and will be entered automatically into the web after we manually enter the car plate on the web on localhost . Coupled with inputting damage data that is not detected by the sensor manually, then it will be displayed as information from which car plate is often maintained.

Keywords: SIM800 sensor, arduino uno, xbee,