

**IMPLEMENTASI *INTERNET of THINGS* DALAM SISTEM  
PELACAKAN BUS**

**BAGUS RAMADHAN  
1521002**

***ABSTRACT***

The public transportation show a trend of increasing demand in recent times. One mode of public transportatio favored by costumer is Bus Rapid Transportation ( BRT ). The BRT has several routes to serve citizen in Batam. The weakness of BRT in Batam is that the costumer can't expetate when the bus will come on the bus station.

Solution for this problem is make some Application to make a prediction when the bus will come. This application will have a feature to track the bus location and make time prediction. To make this application, we use Google Maps Application Programmable Interface (API). This API have some feature liked shown bus location, make time prediction with calculatation from Bus and Bus station.

The result for this project is an Application who can access by the public to see when the bus will come and the costumer can predict when they will come to bus station.

**Keyword** : *API, IoT, Google maps, Bus,*