

## ***ABSTRACT***

Based on data from the Central Statistics Agency (BPS) in 2015 it was noted that motorcycle vehicles are the most commonly used vehicles by humans to perform daily activities. Recorded in the report of Purwokerto City In Figures divided into 4 subdistricts of East Purwokerto, North Purwokerto, West Purwokerto and South Purwokerto subdistricts in 2015, Purwokerto city has 23,357 motorcycles. This is because in the city of Purwokerto there are facilities and infrastructure such as schools with the number of 338 buildings and the number of students are 98,902 students. Motorcycle broke down is one of the problems faced by users of motorcycle vehicles that can result in disrupted activity. Limited information about the location of existing motorcycle repair shop in an area and the problem of motorcycle broke down that occur unexpectedly make a problem and require a quick and precise solution. With the application of location, service price list, service hours and call service of a motorcycle repair shop is expected to facilitate the rider to find the location of the motorcycle repair shop when experiencing a motorcycle broke down. The choice of waterfall method because it is more suitable for system or software that is generic, meaning the system can be identified all the needs from the beginning with a common specification. Application of information related to the location of the motorcycle repair shop is also assessed by the user can make it easier to complete the search for a motorcycle repair shop if a motorcycle broke down. This application displays the location of the motorcycle repair shop in Purwokerto, the price of the service, hours of operation, phone number, the distance of the location from user and shuttle information. For further development of this application allows to add new facilities, namely the message service online as well as search the location of the nearest repair shop is automatically performed by the system.

*Keywords: Android, Motorcycle Repair Shop, Waterfall*