

## **ABSTRACT**

*There are still many museums that use books or monitors as a medium of information. Because they are still applying books and monitors, there will be problems, namely the limited information obtained by the museum mountaineers. One of the technologies that can be used is to use Radio Frequency Identification technology which is abbreviated as RFID. The purpose of this is to apply RFID technology to interactive multimedia applications. This application consists of three parts, namely an RFID card that will be used as a rock tag in a museum, a USB Reader which is used to read RFID cards and an intranet-based application that is used to display the results of a reader that is tapped to an RFID made using the waterfall method. The output of this research is an interactive multimedia application based on RFID which serves to assist visitors in getting information about rocks in the museum.*

***Keywords: RFID, Waterfall Method, Interactive Multimedia***