

## **Abstract**

The Geological Museum of Bandung is a tourist place that informs the results of geologists from various regions in the Dutch East Indies in 1929. The Geological Museum documents the findings of geologists such as rocks, minerals and fossils. This museum is located in the city of Bandung, West Java and has always been a tourist destination for the people of Bandung and school children. Currently there are still many people who want to travel on vacation but lack of innovation in promoting their tourist attractions. this activity is one of the factors to promote the Bandung Geological Museum tourist attractions. Currently, the promotion is carried out by the Bandung Geological Museum itself, which still uses conventional media and the internet. The use of such promotional strategies is too commonly used, therefore new innovations are needed to attract the public. To solve this problem, "VTourG" was developed, a website-based application using Virtual Reality technology. The "VTourG" application has features that consist of viewing 360-degree objects at the Bandung Geology Museum, then displaying object descriptions in each room and displaying 3D objects on "Elephant Blora", in developing the application it can help promote Geological Museum tourist attractions to attract consumers' interest. on a trip. In calculating the Likert scale results, the public strongly agrees that the VTourG application can attract visitors, and help promote Geology Museum tourist attractions during this covid-19 pandemic.

keywords: **Geological museum, tour, Virtual Reality**