

ABSTRACT

The Pelabuhanratu Geopark Information Center is a place where visitors who come to the Pelabuhanratu area can search for information about the diversity of Geology, Culture, and Biology that is around Pelabuhanratu. At the Pelabuhanratu Geopark Information Center there are gallery guide officers on duty to convey gallery information to visitors who come, but the gallery guides on duty are very limited, if there are visitors who come in excess of the gallery guides on duty then visitors who come cannot get information from guides gallery directly. In this Final Project a Gallery Guides Application was created which aims to facilitate visitors who come to the gallery to get information. The Gallery Guides application is integrated with Proximity Beacon, Proximity Beacon functions as an gallery tag area. The Gallery Guides application is also integrated with the Realtime Database from Firebase, where the Realtime Database holds data that contains gallery information with text types. The result of this Final Project is the Gallery Guides Application can detect the Proximity Beacon according to the specified area and the Gallery Guides Application can receive data from the Realtime Database. By making this Final Project visitors to the Pelabuhanratu Geopark Information Center who want to get information do not have to wait or ask for an explanation from the gallery guide, visitors can use the Gallery Guides Application to obtain this information.

Keywords: Pelabuhanratu Geopark Information Center, Gallery Guide, Proximity Beacon, Realtime Database.