

## **ABSTRACT**

### **DESIGN OF CAFE INFORMATION SYSTEMS IN BANDAR LAMPUNG CITY BASED ANDROID**

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*The cafe is taken from the word coffee which means coffee, cafe is a minimalist restaurant with a limited menu. The menu is usually always available in coffee cafes. cafes usually provide a variety of coffee menus but according to the needs of consumers the cafe provides other menus such as food and snacks. Customers who have different needs and goals, often consumers try the latest cafe or the most crowded by other customers, but the cafe is not necessarily in accordance with the needs and try to improve consumer comfort.*

*To be able to help consumers find the location of the cafe that suits their needs, they can use a technology system. Utilization of technology can be applied in various fields, including in terms of searching for cafe locations. To search for cafe locations that fit the needs of consumers can use the algorithm. The algorithm used is the first breadth algorithm. The first algorithm is an algorithm that performs a wide search that contains pre-orders which are all then themed with before. This algorithm is suitable for searching cafe locations for consumers. The algorithm will be applied to the information system.*

*Keyword: Information system, cafe, android, Breadth first algorithm breadth first search*