

## **ABSTRACT**

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### **SMART CITY APPLICATION BLACK BOX TESTING PT. INDONESIA INDICATORS USING EQUIVALENCE PARTITIONING TECHNIQUES**

*Testing an application serves to check whether the application is running as desired or there are still errors that need to be fixed so that the system can be used as needed. In this case the application being tested is a smart city, a concept of developing a city by applying and implementing technology in an innovative, effective and efficient manner. Testing the application to be tested is carried out using the black box method using the equivalence partitioning technique. This technique is carried out by inputting data on pages that contain processes in the application, each page in the form of input will be tested and categorized based on its function so that test cases can be obtained. Test case design is based on evaluating the equivalence class for input conditions that describe a set of conditions that are true or not. The result of this test is that the smart city application system can run properly and according to predetermined software requirements before the application is handed over to the client.*

**Keywords:** Testing, Black Box, Smart City, Equivalence Partitioning