

## **ABSTRACT**

The museum collection becomes a center of attention and education for the public, providing valuable insights into our culture, history, and universe. The effort to preserve and care for this collection is an essential part of the museum's mission to inspire and educate future generations. Losing museum items is a serious problem that can threaten the integrity and value of the collection. Some of the problems that could cause the loss of museum items included.

The construction of detection devices to cope with stolen museum items using a GPS module is done by data collection, information and location. The detection device is created using a square-coding language, database and USES a feature of the GPS module to ensure the current position or location of museum collection items located.

As a result of this final project, it has created "detection devices to cope with stolen museum collection items using a GPS module" as an effort to improve the security systems in museum collections. With this in mind, it is hoped that the process of addressing the problem will be better off.

**Keywords:** Collections, Detection Devices, Arduino, GPS Module, Security Systems