

## **ABSTRACT**

The title of this final project is 'Designing IoT-Based Shoe Storage Facilities for Visitor in Bandung City Square'. Problems encountered include footwear storage, that is 1) Footwear placed beside the park are not neatly arranged and sometimes scattered so that it disturbs the comfort of the pedestrian path; 2) visitor's footwear is often placed in the area of the plant so that it can damage the plant; 3) Randomly placed footwear can risk losing or being swapped. Of the problems encountered, a storage facility design is needed. Adequate facilities are important in carrying out activities in public spaces, so that the public feels comfortable. This design process is carried out with qualitative research methods, and design thinking design methods. The author will design a shoe locker facility product based on several considerations, that is aspects of the system connected to the Internet of Things (IoT), the user aspect, and also the material aspect. So that it is expected to support the needs of visitors to the Bandung city square park.

Key words: Square, shoes storage, visitors, Internet of things