

**Team ID: PNT2022TMID25739**

**Project Name: Smart Waste Management System for Metropolitan Cities**

## **ABSTRACT**

In the process of smart city implementation, the great challenge is how to manage waste with low cost and high performance. Waste has a negative impact in the society quality which smart city aims to improve it. Makkah and holy sites are very congested areas where waste management is big challenge. Three factors make it a big challenge, behind its natural small area, short period of time and the increasing of pilgrimage member.

The process of collected wastes, separated it and transports the daily containers daily and quickly to avoid any prospect of spread of diseases is a complex process. This paper aims to study the concept of the waste management and proposed. The proposed system will save time, money and efforts compared to the recent process of the waste management system and improve the society quality as all.