

Jannib

HAJJ BUSES ORGANIZER

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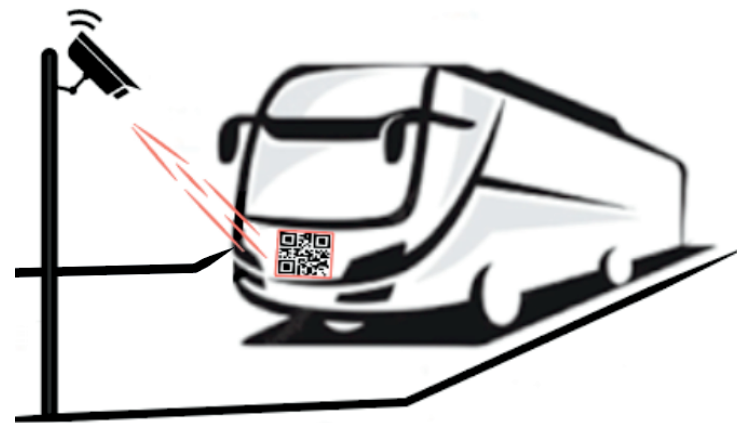
ABSTRACT

The Jannib project is to enhance the quality and efficiency of services offered to pilgrims by providing technical aid to organizers responsible for managing Hajj bus transportation. The project involves collecting bus data, enabling it to enter and proceed to designated stops, adhering to a predetermined schedule and number of buses. The system can also compute the total number of buses that have entered or exited the parking area, along with bus-related details, which can be accessed through a mobile.

PROJECT GOALS

The goal of our project is to design and implement a functional Smart Parking System to organize parking Busses during Hajj.

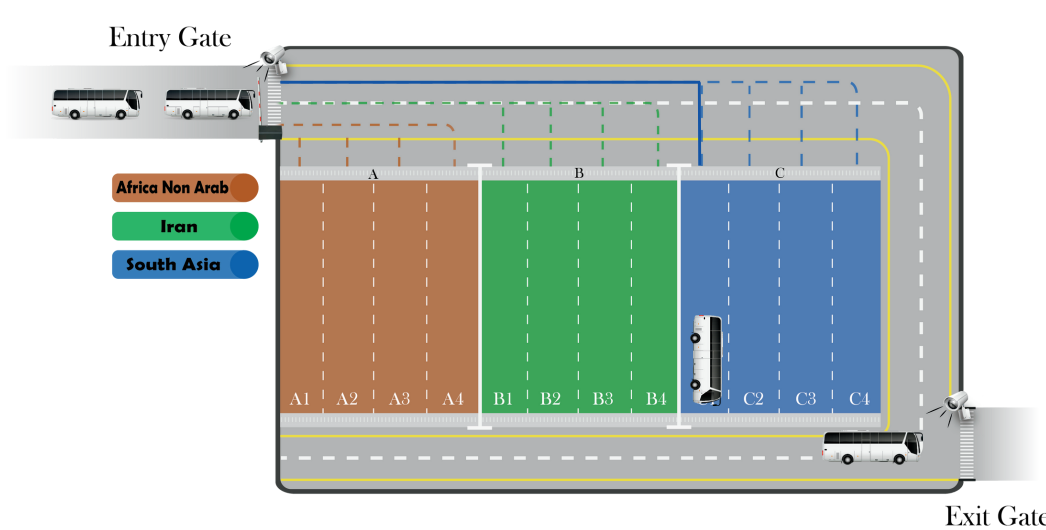
IDENTIFICATION MECHANISM



DESIGNS

Buses will have a barcode sticker. The cameras at the entrance gate will identify the bus and open the gate. If the camera doesn't recognize the bus, the gate won't open. Once the bus passes the gate, a specific LED light will light up for each bus type to guide it to its designated parking spot.

PROJECT MECHANISM



OBJECTIVES

Converting the buses parking system from a traditional (manual) system to a digital system by using **artificial intelligence**.

- Speeding up and organizing the entry and exit of buses

- Facilitate the process of obtaining data

- Easy to save the data from damage or loss

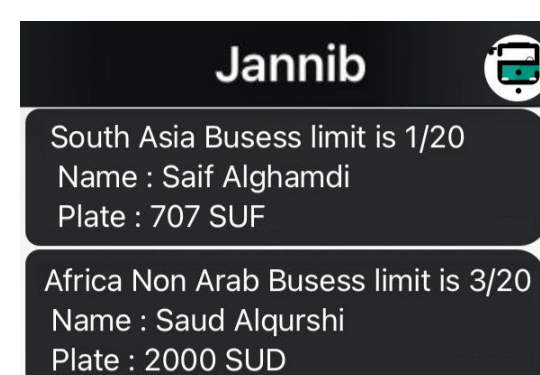
- Reduce congestion at the gate

CONCLUSION

In conclusion, we tried to harness all that we learned in Umm Al-Qura (Faculty of Computer and Information Systems) to make a project based on the principle of Kaizen (改善), to improve the service of the Pilgrims and to make organizing the numbers of huge buses easier and faster.

RESAULT

All entry and exit information, is displayed on the bot in telegram



USED TOOLS



FLOW CHART

