RamHacksTelegramBot

Federal Reserve Bank of Richmond
Parking Slots Challenge

Paolo Cachi Jose Moyano

Challenge

- Parking space with N slots
- Some reserved to employees
 - But many of them are not used every day
- The rest for clients

Parking is not fully exploited

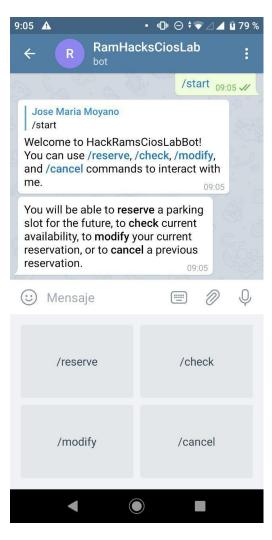
Objectives

- Provide employees an easy way to modify or cancel reservations and release parking slots for clients.
 - Employees have slot priority.
- Reduce the number of unused parking slots.
 - Increase satisfaction of clients.
 - Bank can better exploit their parking.

- Bot in Telegram
 - No need of having extra app installed
- Bot implements easy reservation system
 - Employees reserved by default
 - Clients can reserve a slot
 - All of them can modify or cancel reservations

Menu

Shows all options with buttons.



Reserve

- Reserve slot between given hours if available.
- QR code to enter and exit from the parking.



Check

 Checks if there are available slots from now to a given hour.

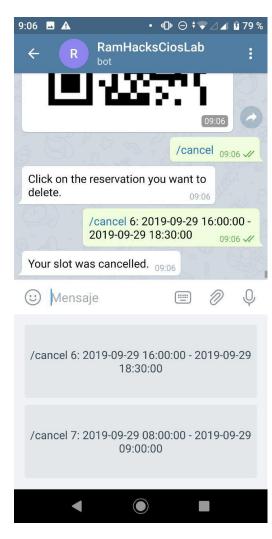


Modify

Modify the hours of a selected reservation.



- Cancel
 - Cancel a selected reservation.



Bot: Python

Database: Google Cloud Platform

GitHub: github.com/i02momuj/RamHacksTelegramBot

Telegram: **@RamHacksCiosLabBot**

