

Multipark Codex Feature Request

Feature Title: Non-Revenue Badge

Date Requested: 6/9/2021

Date Needed: ASAP

Requestor: James Jacob

Description:

In WebPRCS, we have a Non-Revenue badge feature. We would like the same feature to be available in Multipark Web/Codex

Use case

The use case here is that of a contractor, or the Police department, who comes into the park, taking a ticket as they enter. Upon exit, they will scan their ticket at the XT, then present as payment (instead of a credit card) a magnetic striped card (the Non-Revenue Badge), which will give them free parking for a configurable time.

The logic: The Atlanta airport uses a time of 1440 minutes (24 hours) for their existing non-revenue badge within WebPRCS. They would like to replicate this feature in Multipark Web. A better option would be to make the amount of time given for free to be a configurable option, either as a part of the GUI or as an editable line item in a.ini file (but still displayed in the GUI).

Logic choices for the non-revenue badge

There are two version of how this logic gets applied.

Option 1 – Possession of the non-revenue badge alone allows them to receive the configurable time free

Option 2 – The user would need both the non-revenue badge AND a license plate that is tied to that particular card number (similar to how the pass cards work). Multiple License plates can be added to that card.

What happens if the user overstays?

In the event that the amount of time in the park exceeds the amount of time given by the park operators, we have three choices that we would like to have (configurable per card):

Option 1 – They pay the difference (e.g. the free time is 24 hrs, but they were in the park for 26 hours. They will pay the fee for the remaining 2 hours.)

Option 2- Because of their status (Chief of Police, VIP, US Senator etc.), they get the entire amount free, regardless of whether or not they exceeded the free time that was configured from above.

Option 3 – They pay the entire fee, since they overstayed. This is a punitive action, designed to guide the patron into paying more attention to the time limit. (e.g. They stayed 26 hours, 2 hours past the 24 hour free time configured. They pay for the full 26 hours.)