SmartPark

ParkingSystemPortal

Space sharing as an extension of the standard parking system
Effective parking management for your company, tenants and users. Take it easy and let the system allocate spaces to a group of users without permanent access to the car park.

Use case
Imagine you have 500 parking spaces. You have 10 rental companies in the building, each of which has about 200 employees. It is clear that not everyone can park at once. One option offered by the standard system is the so-called group parking, where you set aside groups of users with a fixed limit for the number of cars in the parking zone. Simply put, "First comes first served." But this is not always ideal. We need a "fairer" way so that we don't favor anyone and give everyone a chance to park, not just the "fastest" one.

The solution is our Smart Parking system, which allows users to create requests for a parking space on a given day in advance. The system runs the next day's draw and selects the number of applicants to fill all current vacancies and activates the lucky day's access. The user receives an email notification with information about the active reservation and can park without further interaction. The user also sees the status of their reservations.

You can define users with a fixed parking space who do not have to draw for it, but rather have permanent access to the car park and their space. However, at the time of the leave, holiday, etc, they are obliged to set an absence, which will allow the system to use their spaces for the draw at the time of their absence.

The PSP is rich in configuration options to best suit the car park operator's expectations.

Application
Our PSP (Parking System Portal) application is a management system for booking, overview and control of the parking flow. It also includes visitor management, reports, and integrations to third-party systems.

Specialties
The PSP also evaluates drivers' behavior, which affects their further chances of getting a space. The algorithm also takes into account the obtained parking reservations in the draws and thus favors users who have not been given a space for longer time. There are several draw strategies available. The space can be canceled by the user within a certain time, which will trigger an additional draw so that the number of free spaces is always used to the maximum.

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Modules

Base

- User roles
- User management
- Language localization
- Settings
- Integrated documentation
- Detailed system logs

SharePark

- Parking zones visual
- Individual settings
- User management
- Draw reports
- Different draw strategies
- Email templates
- Types of access - fixed, draws, group, instant booking

Visitors

- Management
- Reservations
- Bonuses
- Different types of access: QR code, LP, mobile
- Notifications
- Pricing reports
- Visual timeline

Integrations, API

- Optional ID provider
- External user source
- External source of absence of users with a fixed location
- Navigation system with LPR
- Chargers for electric cars
- Mobile applications - payment, visits, sharing and more

Development

We are constantly expanding the system and trying to meet all the requirements for a modern smart parking system.

Platform

Web application

Prerequisites

ParkIS

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Selected screenshots