



## About The Project

ParkSmart is a smart parking management app for Canada and the US, simplifying the booking of parking spots in advance. It helps users avoid the stress of finding parking in crowded areas by offering seamless, convenient options. By managing facilities through renting or purchasing, ParkSmart provides flexible daily, monthly, or yearly parking solutions to suit parker's needs. By entering the address of any location into the search box, information on available parking spots can be acquired, and spot booking can be done in advance. Also, It's easy to find the place's daily and monthly prices of that location.

## About the client

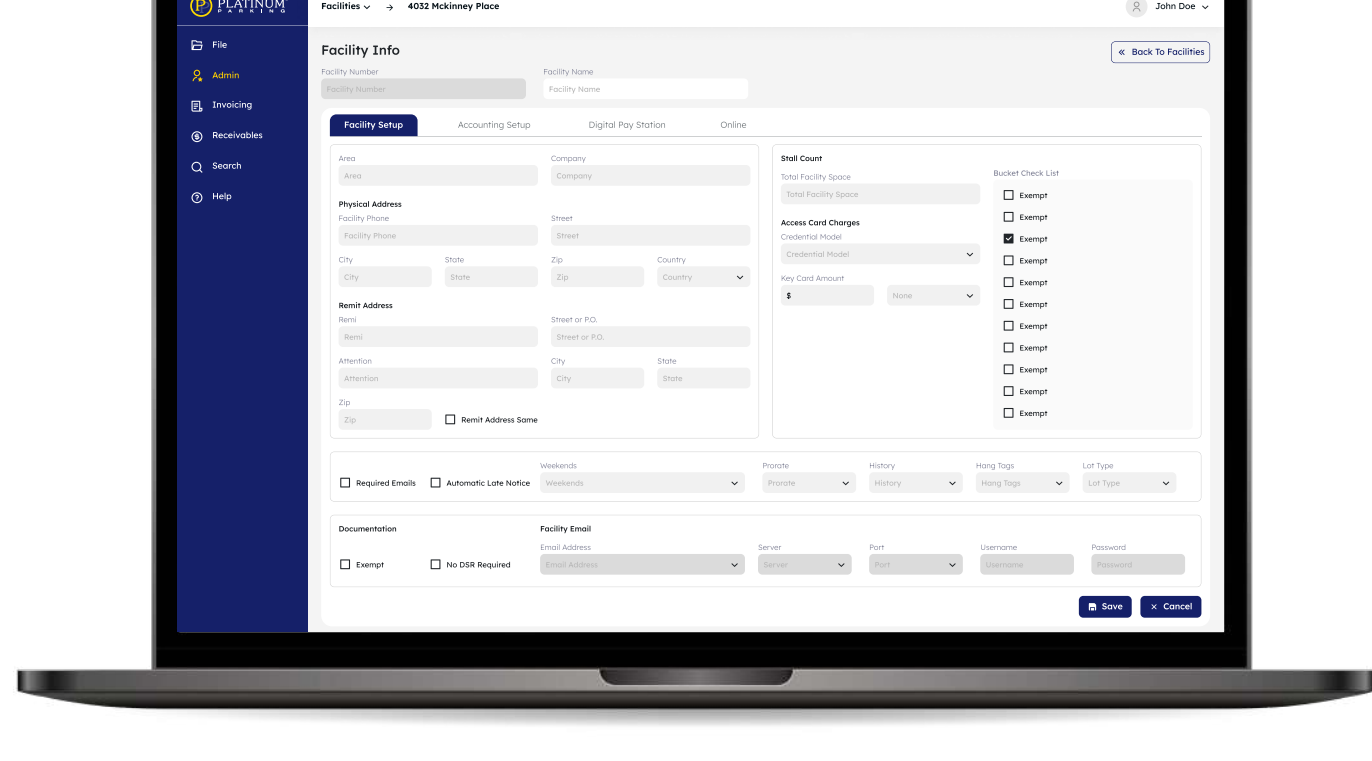
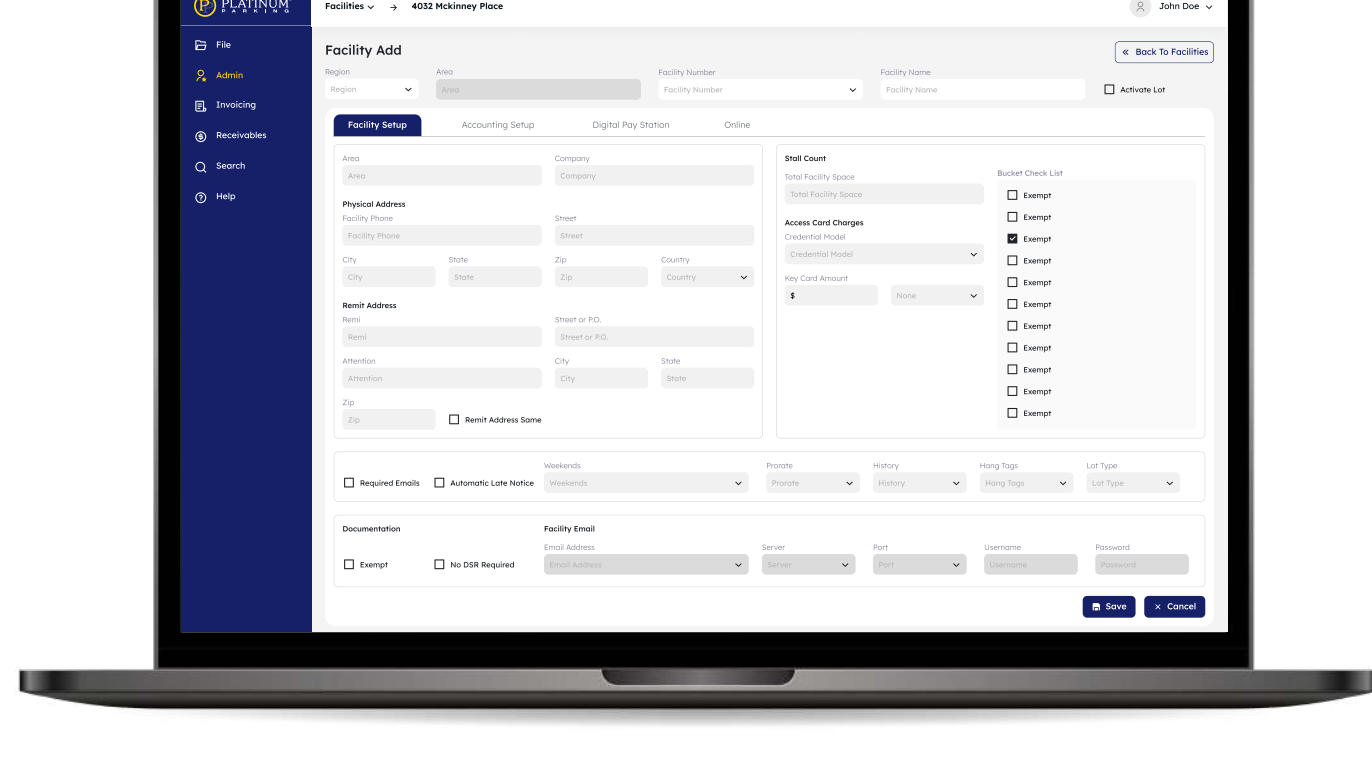
Platinum Parking was founded in 2000 in Dallas with a single location, and now operates 300+ facilities across the US and Canada, managing over 100,000 parking spaces and employing 500+ staff.

## Tech Stack

- VB.Net
- MS SQL Server
- ASP.Net Core
- React
- C#

## Project Requirement with solution

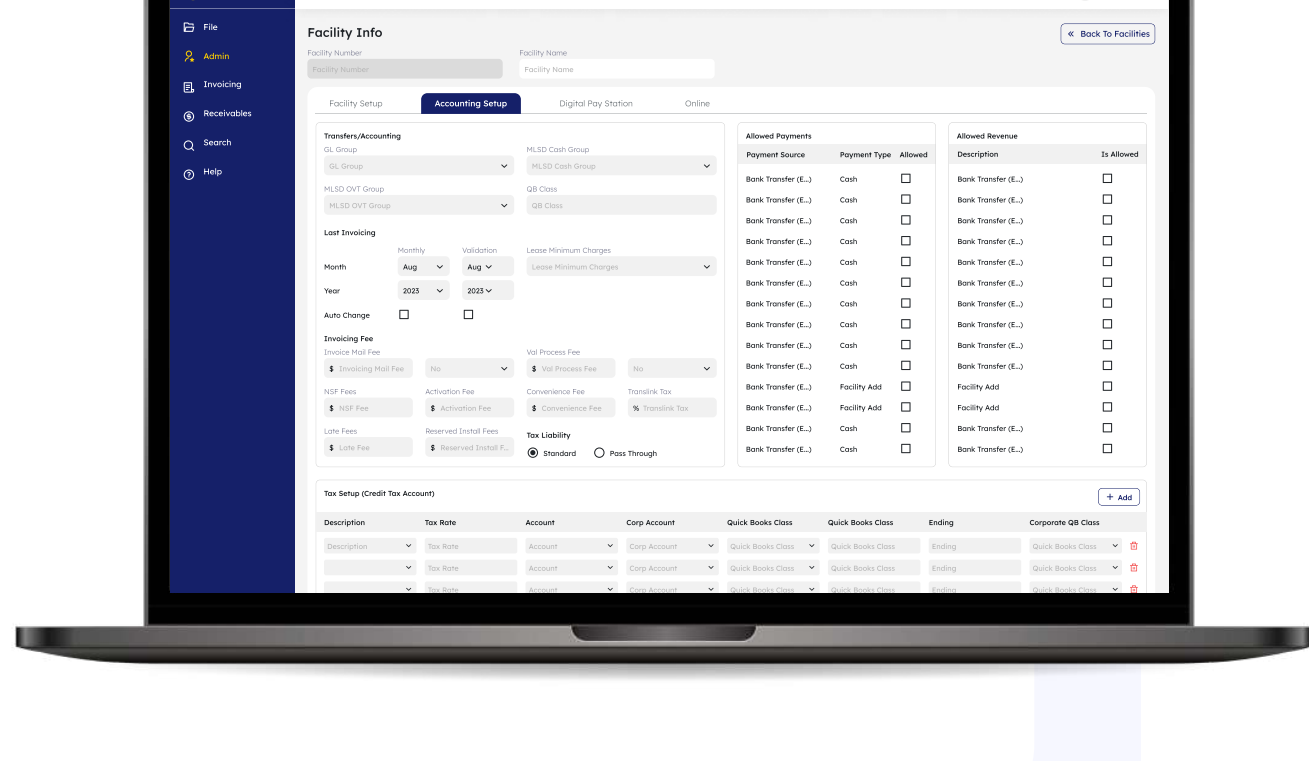
ParkSmart's original VB.NET system caused significant challenges, including system freezes during invoice generation and limited response capabilities requiring constant desktop presence. These issues prevented timely responses to parking requests and disrupted overall operations. To resolve these problems, we migrated ParkSmart to the latest .NET Core technology. This upgrade allows the client to manage the application seamlessly from any device, ensuring they can respond to parking requests anytime, generate invoices in the background without system lag, and receive real-time notifications of new requests. As a result, ParkSmart now operates more efficiently and flexibly, significantly improving its service and operational reliability.



## Modules

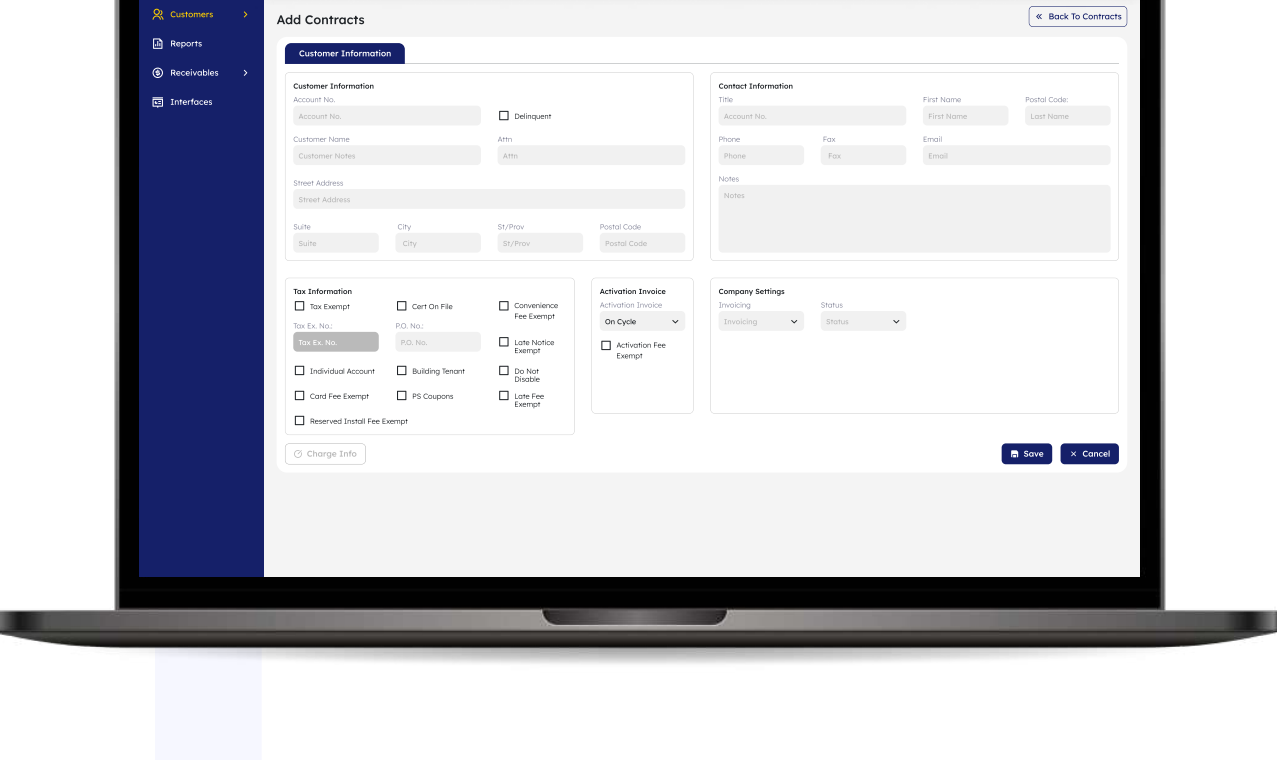
### Facility

The Facility module in the ParkSmart application allows admins to manage detailed information about each parking location, including its status, stall count, and company details. Admins can add or edit facilities and configure account settings like tax, invoicing, and payment modes. This ensures that parkers have access to comprehensive facility details directly through the app.



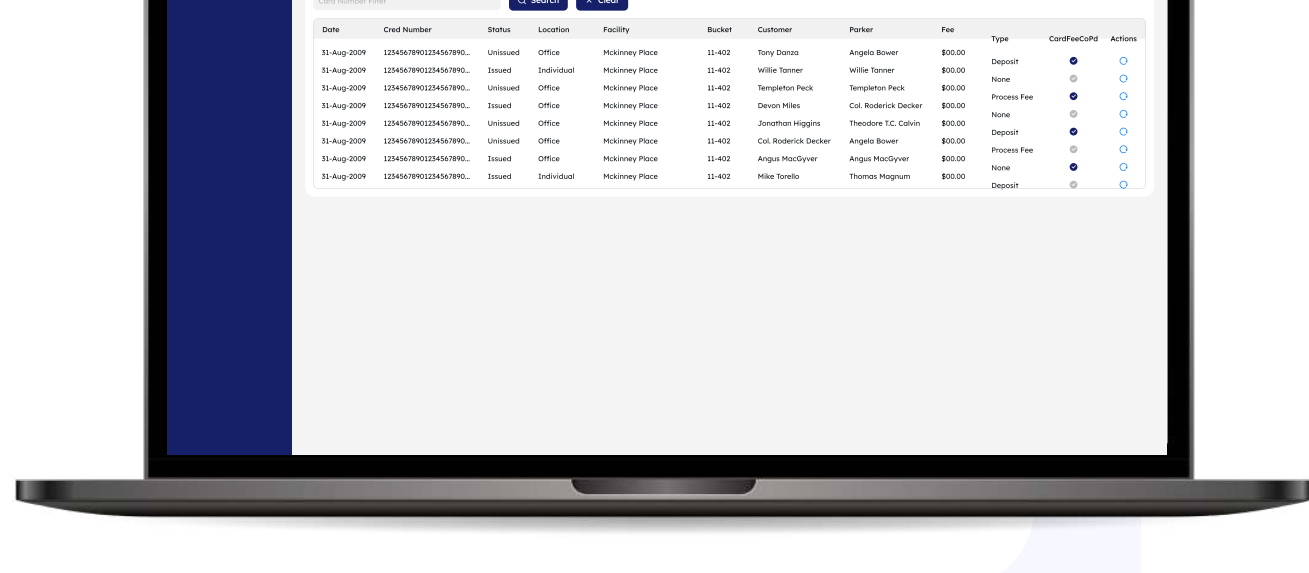
### Contract

The Contract module in the ParkSmart application consolidates all parker-related data, such as account number, name, payment type, stall number, rates, and lease details. It also includes information on discounts, customer notes, multiple vehicles under one account, and any violation tickets issued. This module ensures easy and comprehensive access to all parker information in one centralized location.



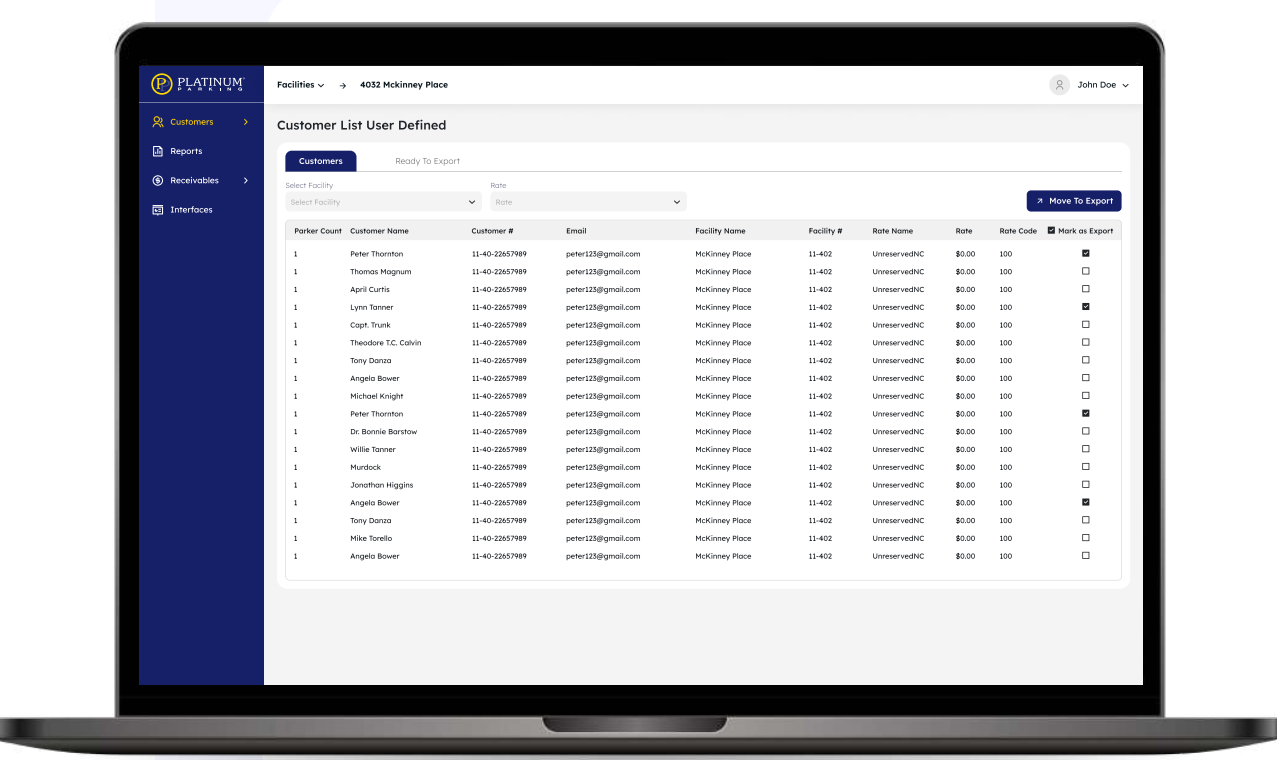
### Parker

The Parker module in ParkSmart manages credentials, handles payment responsibilities (whether individual or company), tracks slot history, facilitates reissuing lost or damaged disposition cards, and allows users to register multiple vehicles for one spot.



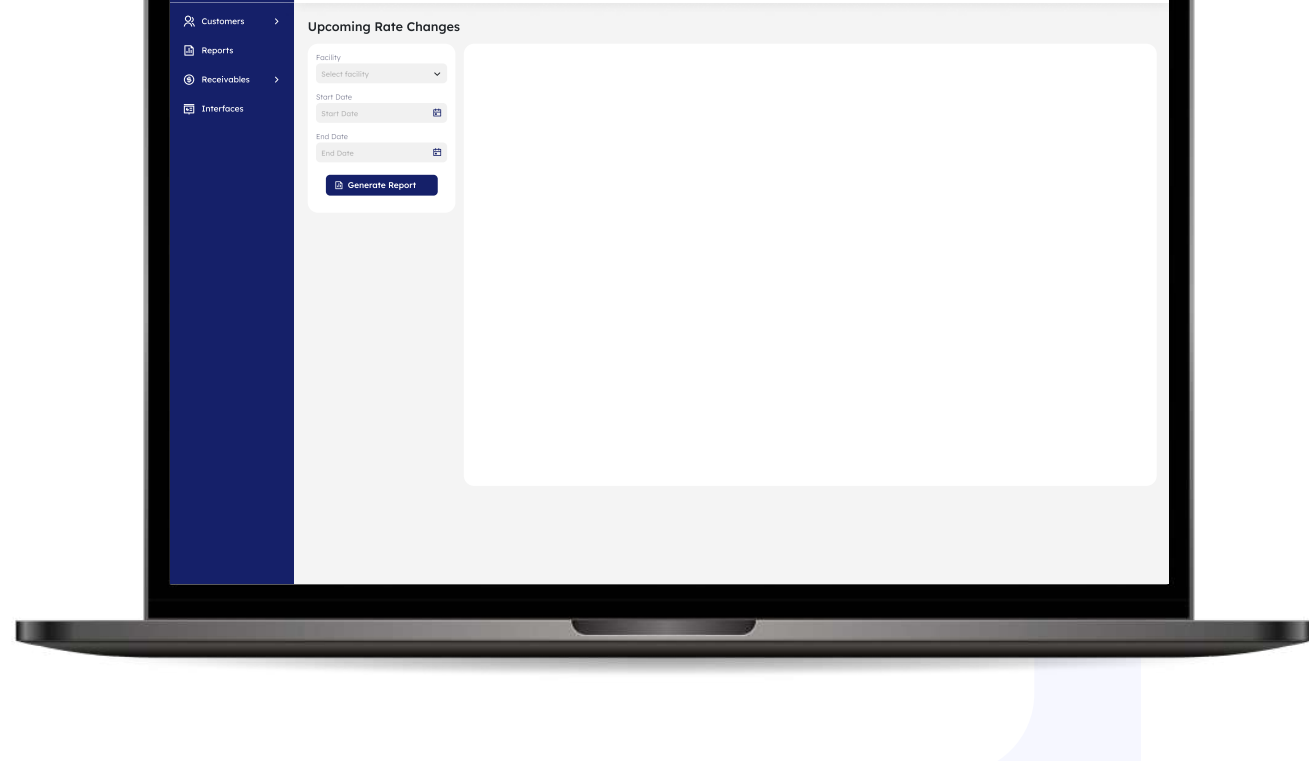
### Customer

The Customer module in the ParkSmart application contains comprehensive vehicle details, including color, license plate, and violation history, and the customer can add new vehicles to the list. Both customers and parkers can export all the history details in a CSV file.



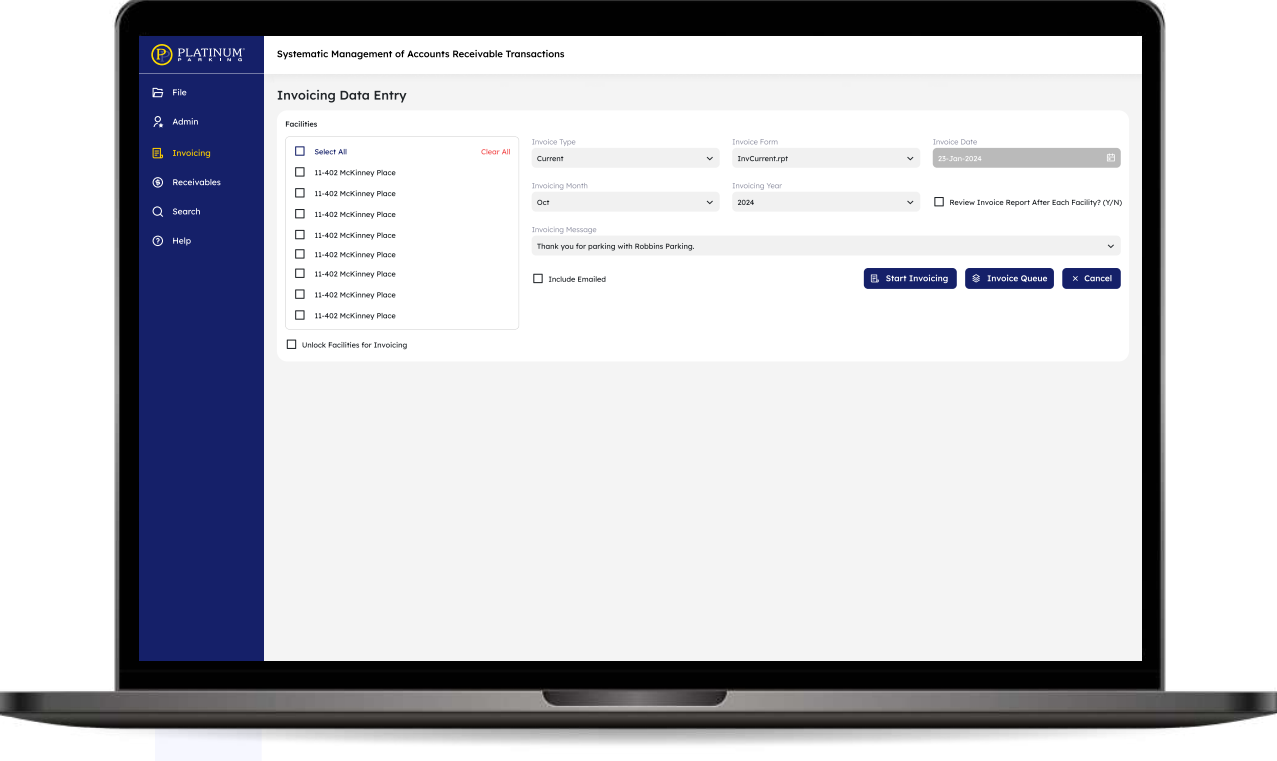
### Reports

In this system, users can access various reports such as Reserved Stall List, Parkers' Email Addresses, Available Reserved List, Active Parkers, Hold and Pending Spots, Due Invoices, Paid Invoices, and more. Additionally, the report section contains details about past changes and upcoming rate adjustments.



### Invoice

The Invoice module in ParkSmart includes comprehensive billing details, such as the invoice type, start and end dates, and invoicing month and year. By clicking the "generate" button, you can create all pending invoices for both customers and parkers at once. All invoices are continued in a zip file, and this download process continues in the background.

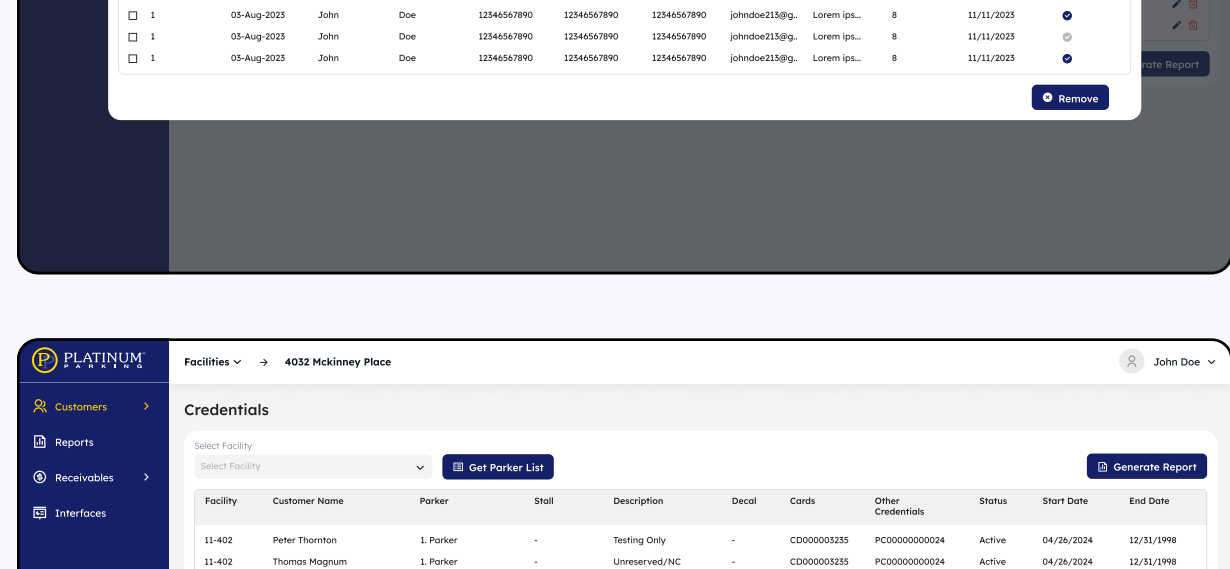
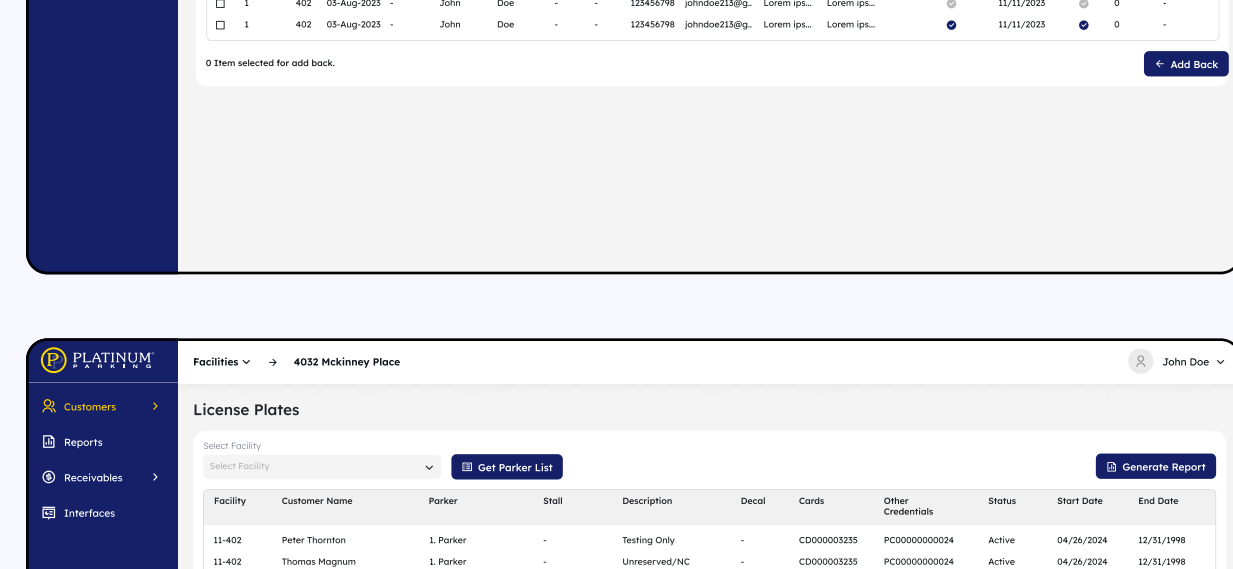
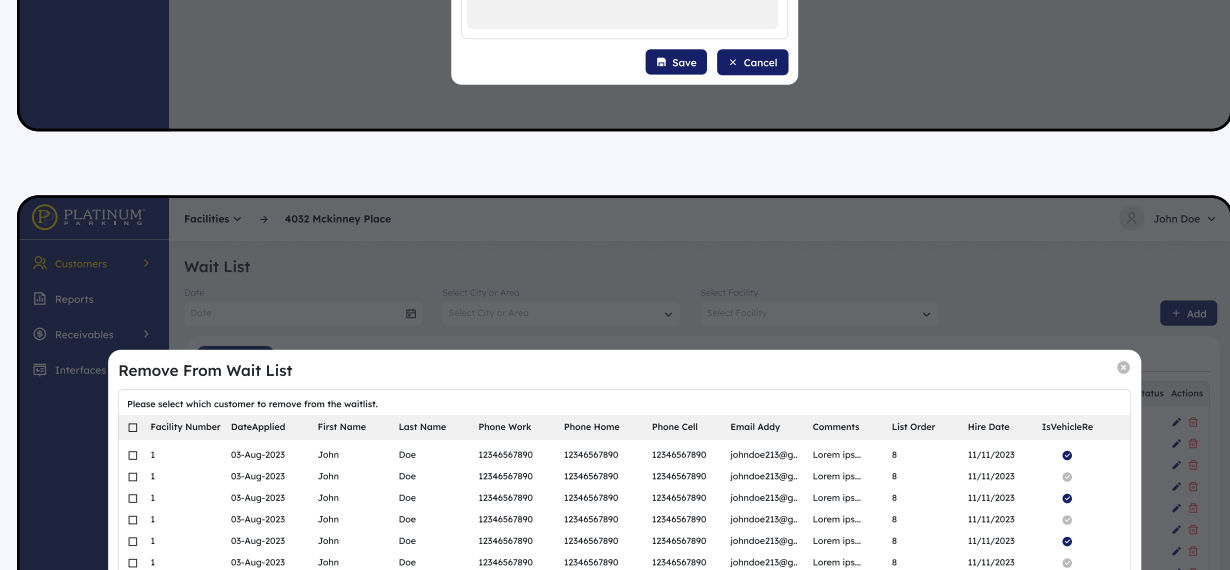
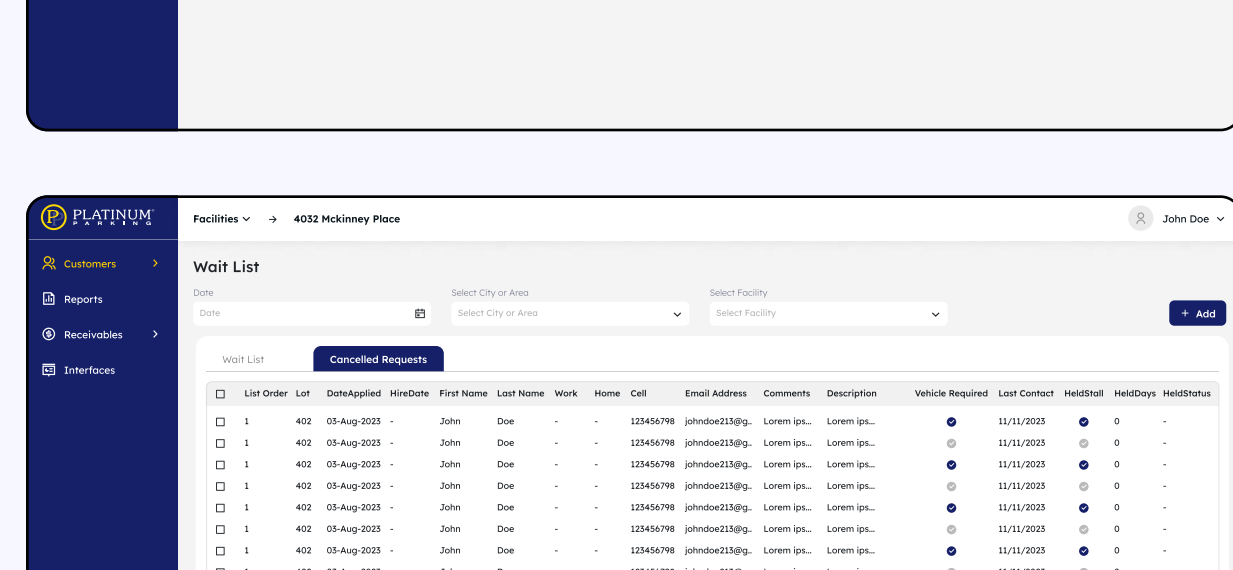
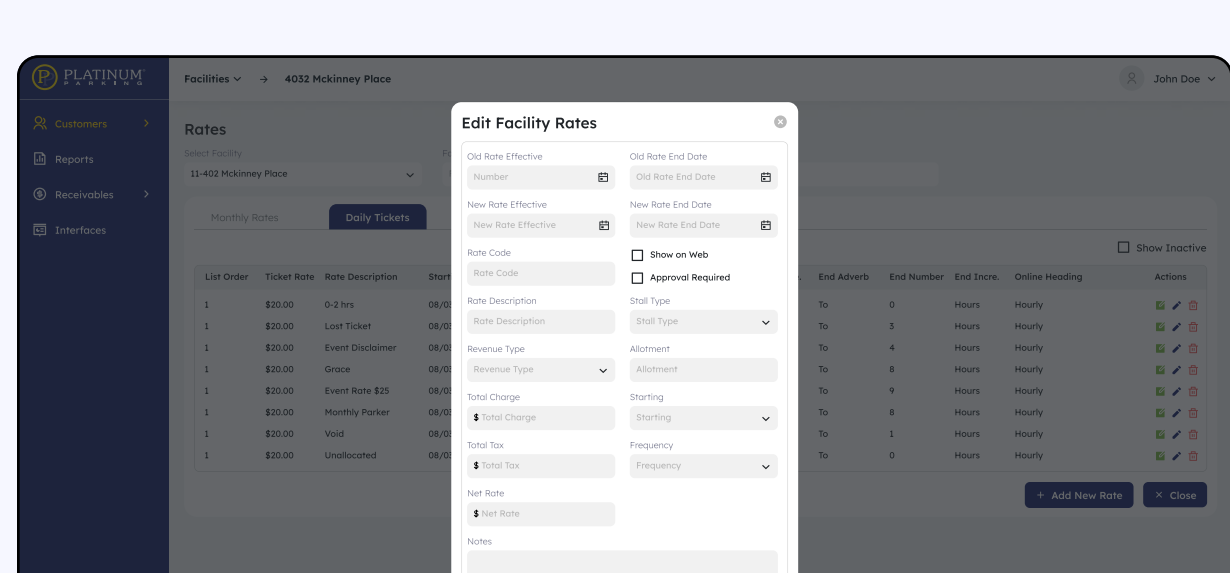
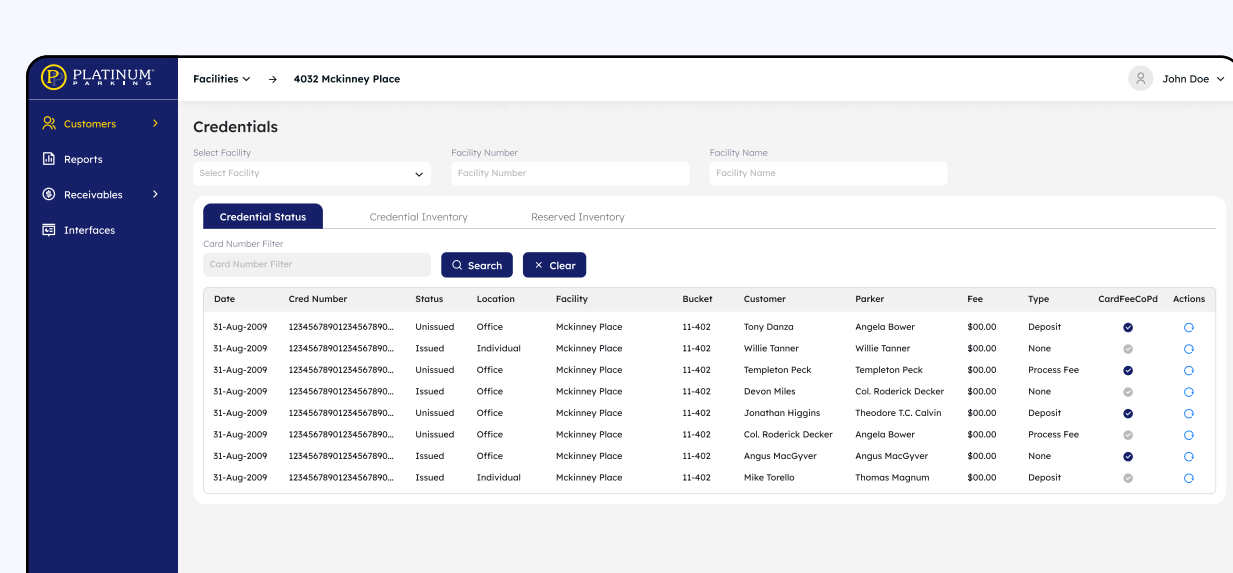


## Services

These are the parking facilities covered by the ParkSmart application:

- 1 Airport Parking Management**
- 2 Special event Parking**
- 3 Parking Enforcement**
- 4 Valet & Transit Parking**
- 5 Parking Management**
- 6 Parking Consultation**

## Other Screens



## Review

Paresh Kapuriya impressed me with their expertise and professionalism. Despite initial uncertainties in our first Upwork project together, they exceeded my expectations by seamlessly migrating my old technology to the latest .NET version. They understood my requirements perfectly, delivered ahead of schedule, and were consistently available to address my queries. The quality of their work was exceptional, and we're excited to continue working with him.

