Park n' Go

AUTOMATED PARKING SOLUTIONS

As Presented by Group D

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https://docs.google.com/document/d/1VnmjS4dwiPDEjEWYGQ_tE_RScAPRzGfOkJoobQt2Lq8

What inspires us

To most, parking may seem like a simple endeavor, but research continues to tell us that it is one of the leading sectors that falls prey to inefficiency and intense physical labor needs. It is our goal here, at Park n' Go Inc, to resolve these issues with a simple, yet elegant, web-based solution; allowing users to effectively manage and maintain their parking space, as well as customers. Parking is our passion, and through this passion, we've resolve many common issues, listed below:

Typical Parking Issues

1. Inability to manage spaces efficiently.

2. Inability for management to keep track of their customers.

3. Significant human interaction required by staff.

4. Congested parking lots, leading to customer frustration.

Our resolutions

1. A web-based solution managing not only spaces, but customers!

2. Ability for management to interact with user records from any internet-reaching device!

3. Virtually eliminate the need for human interaction!

4. Automatically suggest the nearest available parking space to customers based on their desired location!

A Few of Our Features

- A web-based application that is accessible from any internet-reaching device.

- Customer registration
  ◦ - Allows for the viewing and modification of customer records and reservation history.
  ◦ - Allows the entry of payment information for quick payment on return visits.
  ◦ - Industry-leading security measures for storing customer information.

- Quick reservations – with the availability for walk-ins!

- Administrative portal
  ◦ - Easy management of customer information.
  ◦ - Generation of revenue reports!
  ◦ - Management of individual parking spaces.

- Parking space suggestions based on our industry leading "nearest space algorithm."

- Electronic verification, to ensure parking spaces are only occupied via a valid reservation

Our Presenters

Tony Bahn – Graphical Interface Specialist
- Tony will be presenting our customer registration, login, and user dashboard functionality, including user information modification.

Blaine Clark – Administrative Portal Designer
- Blaine will present our administrative portal, including user management, parking management, revenue report generation, and payment rate management.
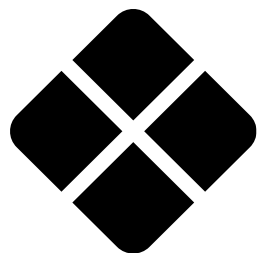
Joseph Dollahon – Reservation Developer and Team Lead
- Joseph will present our reservation system from point of login, to the creation of a parking reservation.

Jeff Grockowski – Parking Space Management Specialist
- Jeff will present our parking lot management functionality, utilized throughout the application

Seth Williams – Lead Algorithmic Developer
- Seth will present our "nearest space algorithm," which suggests the nearest available parking space upon reservation.

Enjoy the Presentation!

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