

Park-A-Lot

Park With Confidence!



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Project URL: <http://www.park-a-lot.vacau.com/>



The Problem



- **Parking garages can be difficult to navigate, and open spaces hard to find.**
- **A person might drive into a city and have no clue where he or she might park for the day.**
- **It's expensive to pay parking garage personnel to monitor and collect payments.**
- **Fear of not finding a spot might prevent people from coming to a city or high-traffic area, reducing business revenues.**

The Solution

For the casual user...

- A user-friendly interface that expedites the process of securing parking ahead of time.
- The ability to edit reservations on-the-fly, both before and during a reservation.

For the garage owner...

- A computerized system that will optimize the parking garage capacity, reduce personnel and increase profits.

System Preview

- **Create a user account**
- **Reserve quickly ahead of time from any web browser**
- **Extend and cancel your reservations**
- **Register multiple vehicles**
- **Review future and past reservations**

Next Steps

Roadmap From Here

- Finish all coding by the 3rd week of April.
- Unit testing (3-4 weeks of April)
- Integration Testing (4th week of April- 1st week of May)
- Final deliverables by mid-May

Remaining Implementations

- Edit vehicle info
- Payment and billing options
- Garage capacity checks
- Rewards programs
- Simulate traffic for system
- Manage hours of operation
- Multi-garage system