Smart Parking Garage Management System (SPGMS)

Team B

Nicole Brandenburg
Gene Holt
Oakley Cardwell
https://github.com/nbrandenburg/CSCI_441_VC_Team_B

Abstract

The Smart Parking Garage Management System is a tool designed to facilitate secure and efficient reservation and payment of parking spaces. Garage administrators may customize the spaces to match their physical garage setup, and may monitor the occupied status of the garage. Users may make reservations as walk-in customers, in advance, and on a recurring basis. They may access their User Panel to make, cancel, or pay for a reservation, or to view their parking history.

Future versions will allow for a variety of garage administrator roles and access permissions, as well as statistical and graphic analytical data that may assist with their future business plans. There may also be the functionality for businesses to offer promotions to users through the application in the future.