pressure plates in each parking space

user prompted to enter their parking space into the app, with the space number listed on the wall

cameras in each space

scan Carolina card when you get out of your car, then enter the space number

use a precise coordinate tracking system within the garage that can pinpoint the spot you parked in

use 3d array to keep track of all spaces in the garage

physically label parking spots with signs so people can identify them by name

screens in the garage that show a queue of best available parking spots

large display on building exterior that shows estimated availability

shows estimated garage traffic and best probable parking space on the mobile app

screen that shows an arrow to available spots

calculates business based on rate of cars entering and rate of cars leaving

computes best spots by level and accessibility to stairs or elevators

sees trends based on time of day or special events

user scans mobile app at entrance to be directed to best space

create a map of spots on your phone, capable of dynamically changing direction if spots are taken

connect to parkUSC

connect to google/apple maps to direct users

allows users to set preferences based on disabilities

have a metric for accessibility in the calculation for best spots, and can advise users of the level of difficulty with the parking spot