

CSCE 190

Assignment Name: Affinity Diagram

Group Name: CSCE 190: McCock

Team Members who contributed:

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Users:

Students

Faculty

Visitors

General Public using
parking
garages/meters

Who does it affect?

**People
who are
running
late**

Commuters

People who
have to park
in congested
areas

Ubers

Businesses

**Food
delivery**

Locals

Influences?

How many
parking
meters there
are

Weather

Location of
the parking
garages
around
campus

**Time of
Day**

Events

**Day of
Week**

The amount of
businesses or
schools around the
meters/garages

Public
transportation

Functions

**Are
meters
open**

Real-time
free spot
checking

How many
spots are
available in a
parking
garage

**Shows
Busy
Hours**

**Time
left on
meters**

Directions to
nearest free
meter/garage
with open
spots

Meter
Reminders
(Feed Coins or
Running out
of times)

**Link to
pay
parking
fees**

Current
time
parked in
a spot

**Location
of parking
spot**

**Reminder
not to use
phone
and drive**

Potential Problems:

Competitors	no access to smart phones
Overpopulation	Lack of access to internet or a network
Broken meters/spot checking devices	Free parking vs. paid parking
People not having cars	Unsafe Driving
Improper parking	Addition or subtraction of meters in an area

Revenue From App

Running Ads
Paid Upgrade for no Ads