CSCE 190

Assignment Name: Storyboard
Group Name: Fantastic Four

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Problem statement: The Columbia metropolitan area has very limited parking availability. This makes it extremely difficult for people to find parking when attending work or school.

Who is experiencing the problem? University of South Carolina Students along with other Columbia residents.

What is the Problem? There is not enough parking for the population of Columbia. The parking lots offered are very expensive and many can't afford them. When going to attend work or class, finding a spot to park is incredibly difficult.

Where does the problem present itself? This problem presents itself all throughout the metropolitan area of Columbia, especially near University of South Carolina owned buildings.

Why does it matter? Due to the problem, students are parking illegally and showing up to class late. Also, many people are showing up late to work as well. If improved, the city's traffic congestion would reduce greatly, making commuting much easier.

Biking features?	Use satellite images to locate parking	**Students**	Implement Google Maps	Option of Metric / Imperial units of measurement	**Proximity spot finder**	Review feature of various locations.	**Service revenue**	**Event parking**

Biking features?

Use satellite images to locate parking

Students

Implement Google Maps

Option of Metric / Imperial units of measurement

Proximity spot finder

Review feature of various locations.

Service revenue

Event parking

Bikes rack availability ?

Payment method

people who work in the area

Moped parking

Average time spent in specific spot

review on other parkers

Competition

tailgating spots

Roads that have bike lanes.

Meter or free parking

Faculty

Lot popularity

How long you can leave your car

Social meadia style posts

Reward system

Game day parking

Train alert.

Bike rack locations

Prices of spots/hr

Carolina Card holders

Reporting System

Lot sizes

General chat

Subscription based service

City or School parking?

Time of how long someone will be in certain spot

speed limits

Car description for spot compatibility

Closest parking spot, to my destination.

Closest Parking to my location.

parking zone displayed based on car location

Add where courses are located

Show likelihood of spot being open

Schedule implementation

Ad revenue

Working with school/city?

Traffic