Project Proposal for Parking System

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2.Executive Summary

Parking system offers a way for students to find available parking spots on campus in their assigned lot (commuter, resident, faculty, etc.). Data will be gathered by people using the app, which will initially be made for Android. Users will enter into the app when they are occupying a parking space, which will show other users which parking spots are filled. When the users leave, they will mark the space empty.

Since it would be difficult to pinpoint the exact location of each parking spot, our app will keep a tally of how many parking spaces are available in each lot. For larger parking lots, we will split them into easy-to-navigate subsections. Parking lots will be colored based on their specified lot (blue for commuter, green for resident, etc.). Parking lots and subsections will be a more noticeable darker color if more spots are available there.

For convenience, notifications will be sent to the user to ask if they have parked and when they have left. A notification will be activated when a user gets in the radius of a parking lot and when they reenter. This way they don't have to open the app to make changes and it will save an estimate on where the user parked. Google maps can also be used to verify the user's location to check whether they are in the space or not and if they reach a speed above 30mph (since LSU busses don't go over that speed and people can't travel that fast) the app will ask if they left the spot. This way when other users use the app, they will be able to see the available parking spaces.

3. The Vision

Finding an available parking spot is a challenge that everyone has to face. Even if you don't own a car or you aren't driving, you still have to search for a spot with the driver if you are carpooling with someone. The vision is to provide a convenient way to reduce the amount of time you spend searching for a parking spot, the pain-point. The convenience will be achieved by making it into an app, since smartphones are commonly used/owned. The app will save users' time by showing where they can park according to the parking pass they have (commuter, resident, handicap, etc.) and by keeping a tally of how many spots are available in sectioned parking lots.

4. Gap in the market

Although there are apps in the market that allow users to find parking, there is a gap for college campuses. More features have to be added since campuses have specific parking tags for students, times change parking restrictions, and events (such as football games) can make some lots temporarily unavailable. Other features have to be removed such as spot reservation and payment since all parking is prepaid through the campus, and a majority of the spaces do not use parking meters. Having too many inapplicable features can confuse users and clutter the interface.

The problem is hard to solve because most college campuses do not have metered parking like cities do. This means that there is no hardware to assist the software. The solution would be to either make a low-cost, easy to mass-produce hardware or to depend on the students to input the data themselves.

5. Meeting the market's need

Our app will meet the market's need for a prepaid, unmetered parking spot finder, where you don't pay for most spots through the app but instead park in lots based on a prepaid parking tag. The goal of this app is to cut down on the amount of time students and faculty spend looking for parking and to help students find parking closer to their classes. This app could potentially be paired with hardware to detect when people are in the spot to make it more reliable than user based input.

6. Implementation

Developing Strategy: Software will be built using Android Studio using the several resources that it offers. xGoogle's Map API will be crucial in order to establish the users' location, reservation of a parking spot, and the availability of specific LSU parking lots. Programming will be mostly in Java. Simulations will be run on tablets, Android phone emulators, and virtual machines.

Marketing and Distribution strategy: Marketing will be done in several ways including face-to-face advertising, student surveys, and online campaigning. The target audience will be LSU students, but is not limited to them as there are many LSU visitors, staff, and alumni that the app could afterwards be tailored to. The marketing effort will ultimately be catered to students.

Financial strategy: The app can be bought for a minimum of $0.99 to not display ads or monetized with local business ads for a free download. Most users will most likely use the free version.

Management: The app will need to be updated when there are changes in the parking lots or roads. If there are any events, such as football games, some of the parking lots may not be fully available, which the app will show. Updates also include changes due to construction.

7. Problems

As LSU students, many of us feel that a common problem for both commuters and non-commuters is the lack of parking spots on campus. Many students must leave several minutes prior to the beginning of class in hopes they find a parking spot, betting blindly that a parking lot will have availability, only to be met with a full lot. They must then sit in a line of traffic to drive to the next lot and try to find an opening. This makes students late in addition to adding unnecessary stress to their commute. This is due to the lack of spots and knowledge of which lots are already full.

8. Solution

The parking app would provide a solution to all of the pain points of the users' commuting experience. The app will have the ability to display which lots are most currently available, showing which lot has the greatest number of open spots based on current population of each lot. It will do so by displaying lots in a specific color indicating the openness of the lot so that users can begin their commute to the most-free lot instead of wasting time going to an already-full parking lot. In addition, users will be able to save the location of their parking spot.

9. We provide the solution

Our software would provide a cheap solution to a common problem experienced by many students. The app will benefit the users in many ways, including saving time in their commute as well as eliminating their need to remember where they parked.

10. Industry need for our technology

Whenever we try to make our product accessible, it will always involve making it cheaper in order for it to reach its demand. Once it becomes more accessible to the users of this product, it will not only benefit them in the long run when using it on daily basis, but after spending time using it, we can easily gather feedback from them in order to improve on this product in the near future.

The industry has various pay-for-parking apps, but it is lacking an application for non-metered parking. Future uses for our app are: parking garages, shopping malls, college campuses, amusement parks, and any large scale parking lots where customers have to determine where to park and remember where they parked.

11. Market analysis

There are very popular apps used in today's market, and they are ParkMobile, the Parking Spot, and Spot Hero. These three apps are used quite frequently to where ParkMobile has recently reached ten million users as of August 29, while SpotHero is used mainly to reserve parking spots in order to save time once the user reaches his/her destination. With parking at LSU proving to be more difficult on a daily basis for commuters, our goal is to try to eliminate this issue by notifying them where there are other parking spots available so they do not arrive at a full lot and drive around for thirty minutes trying to find a place to park.

12. Primary market

This semester, our main focus will be on the parking lots available on the LSU campus. Parking on campus has been known for not being convenient for LSU's daily commuters, to the point where they run the risk of arriving late to class due to having difficulties finding a parking spot around campus, and some don't even want to take the risk of finding another parking spot they have not been aware of.

13. Market size

According to a 2011 report, IBM found that 30% of a city's traffic is mainly caused by people who are looking for a place to park, and their average search time is 20 minutes. Thanks to the market of the parking apps, drivers can use them to their own leisure to find or reserve a parking spot to save time.

14. Secondary Market

Resources provided by LSU and Google maps will contribute to our secondary market. With them, we can create a better product with our software to where the users can interface with it when searching or claiming a parking spot on campus.

15. Competition

ParkMobile: app that allows people to pay for street and garage parking using the app. They can also reserve parking ahead of time in various stadiums and venues for events. Available in over 350 cities. Also allows user to extend parking meter time through the app, so you don't have to return to the meter to buy more time.

The Parking Spot: an app for users who are parking and flying out of an airport near their 38 locations to make reservations, join their frequent parking program, redeem points for free parking, and use their signature airport shuttles.

SpotHero: Users reserve spots ahead of time, more of a car storage service. They first enter the dates they need a spot and the app finds garages and rates near

their destination. They then pre-pay to book the spot, and the app gives them directions to park. The app gives them discounts the more users book in advance.

16. Marketing strategies

Overview: The parking app hopes to capture the LSU student and faculty market first. Later, by working with LSU, the capability to pay for metered spots or visitor spots may be added to the app, which will help target the visitor market as well. The app will have little to zero cost for the users so that the app will be attainable for students. Any additional features can be added later based on the users' feedback and requests.

Primary customer analysis and entry strategy: LSU students, especially commuters, have a hard time finding parking spots on campus. Students have had an even harder time this year with a couple parking lots becoming unavailable and with a larger incoming freshmen class also rivaling for spots. It is necessary for students to find a parking spot, preferably close to their classes, as quickly as possible in order to go to their classes on time. However, students currently do not have any way of knowing whether there are available spots in a certain parking lot. Therefore, there are no direct competitors for our parking app, and we will enter the market by advertising through word of mouth, through fliers around campus, and through LSU's parking website and SNS.

Core competency: The core competence of our product will be its low cost, which makes it easily available to students, and its location accuracy, so that students can know exactly which lots are available.

Expansion strategy into secondary markets: An additional feature of paying for metered spots and visitor parking spots directly through the app could expand the market to visitors of the LSU campus. Also, since we are using Google Maps and the parking lot legend provided by the LSU parking department, if other universities provide their parking lot legends and the number of parking spots in their lots, the app could be extended beyond LSU to other campuses.

Sales strategy

1. Pricing: We will have two versions of the app: a free version with promotional ads and a low-cost version with no ads. Most of our income will come through the ad placements. The ads will most likely be related to restaurants and stores located on or near campus.

2. Positioning: 'For the students, by the students.' We plan to provide an app that will aid students for every commute, and the app will produce

its best results when the students interact with the app and provide accurate information.

3. Promotion: Various promotional strategies will be followed, such as face-to-face advertising, online advertising, and offline advertising.

4. Place: The app can be used on Android devices for any student, faculty, staff, and visitor using LSU's parking lots.

17. Developing strategy

The product will be developed in the form of modules so that it will be easy to test the modules at various stages.

Seed stage: In this stage the software of the app will be built using Android Studio. Google's Map API will be used as well.

Startup stage: Simulations will be run on Android tablets and phones.

Development stage and product launch: A final product will be developed and fully tested. The app will then be put on the Google Play Store.

18. Barriers

The app will face a few barriers in its implementation. Some typical barriers are

- User cooperation
- Speediness and accuracy of updates
- Unique technology and patents

19. Critical risks

The success and maintenance of the app depends on the accurate participation of the users. Therefore, a critical risk is the user not receiving a notification in the parking lot the user is using or the user not responding to the notification in a timely manner. As the LSU parking map is not always updated immediately, the map and the total number of parking spots may also not be updated as soon as a physical change occurs on campus, which would be a critical problem for students requiring real-time updates. There may also be the risk of needing technology that is inaccessible due to the users' devices and cars or because a competitor is holding a patent over the technology.

20. Customer Discovery

The initial hypothesis is that the parking app will make parking an easier and faster experience for LSU students by helping them see which parking lots have the most availability and which parking lots near them have open spots. The customer discovery validated this hypothesis as most customers agreed that the current parking situation at LSU is not ideal and would benefit from an app that gave them a better estimate of which parking lots to go to. Some of the surveys were personally handed out to the customers to be filled out, and some of the surveys were conducted as face-to-face interviews.

The canvas showing the nine categories of customer discovery is shown below.

On the following pages are the fourteen interviews conducted for the customer discovery.

Interview 1: Sandra Nguyen, snguy55@lsu.edu, Biological Science, Senior

1. Q: What do you dislike the most about commuting to LSU?
   A: The parking is terrible, there never seems to be enough spots, especially if you get here late. Tiger stadium and Ag lot fill up the quickest in the morning.

2. Q: What aspect of parking on campus do you dislike?
   A: Never having enough spots or knowing where to park.

3. Q: What time do you normally park?
   A: Depends on the day, most days tries to get here at 8am to find a spot, but some days gets to campus around noon.

4. Q: Where do you normally park?
   A: Nicholson extension, in the far back

5. Q: How long does it take you to find parking?
   A: When she gets to campus early, just a few minutes. When she gets to school late, sometimes spends 30 minutes looking for a spot. When the gates to campus open, sometimes takes 30 minutes to find a good spot too. Waits for the bus long amounts of time to get to central campus.

6. Q: What kind of parking pass do you have?
   A: Commuter

7. Q: Would an estimate of spots be helpful?
   A: Yes

8. Q: On a scale of 1-10, how likely are you to use the app?
   A: 10

9. Q: How likely are you to open the app to mark that you have parked?
   A: Likely, but if the bus is there she would run to catch the bus first

10. Q: Would a notification system help you use it more often?
    A: Yes

Customer Suggestions and Questions:
Suggests that users be able to highlight filled parking spaces. What if user has their data turned off? Likes the name 'Tiger Spot'

Interview 2: Richard Moscatello, rmoscatello@lsu.edu, Mathematics Professor

1. Q: What do you dislike the most about commuting to LSU?
   A: Dislikes finding parking since you can't reliably find a spot every day.

2. Q: What aspect of parking on campus do you dislike?
   A: One day a lot might be mostly empty, but the next day the lot could be completely full and you have to drive around for other available lots.

3. Q: What time do you normally park?
   A: Changes by semester, this semester parks at 9:45am

4. Q: Where do you normally park?
   A: Workers lot on the other side of stadium lot, it normally has free spaces, but it's very far from everything

5. Q: How long does it take you to find parking?
   A: In the morning, about 5 minutes. After 4:30pm, he finds it very easy to find parking on campus

6. Q: What kind of parking pass do you have?
   A: Faculty, but faculty can also buy commuter passes.

7. Q: Would an estimate of spots be helpful?
   A: Yes, but he doesn't use his cell phone often (when I was interviewing him he didn't know where his phone was)

8. Q: On a scale of 1-10, how likely are you to use the app?
   A: Not likely, he would use it only if he couldn't find a spot to park. He would record when he was in a spot to aid others.

9. Q: How likely are you to open the app to mark that you have parked?
   A: Not likely

10. Q: Would a notification system help you use it more often?
    A: Yes

Customer Suggestions and Questions:
Likes the name Sir-Parks-a-Lot

Interview 3: Tori Griffiths, tgrif35@lsu.edu, Biological Sciences, Senior

1. Q: What do you dislike the most about commuting to LSU?
   A: Jaywalkers

2. Q: What aspect of parking on campus do you dislike?
   A: Spaces are too small, people take up two spots making not enough spaces

3. Q: What time do you normally park?
   A: 8-8:30am

4. Q: Where do you normally park?
   A: PFT lot

5. Q: How long does it take you to find parking?
   A: 5 minutes

6. Q: What kind of parking pass do you have?
   A: Ed Gay resident pass (they can park in commuter lots)

7. Q: Would an estimate of spots be helpful?
   A: Yes

8. Q: On a scale of 1-10, how likely are you to use the app?
   A: Likely to use before driving to find a spot so that she knows which lot to find a parking spot

9. Q: How likely are you to open the app to mark that you have parked?
   A: Moderately likely, if she's running late to class she might forget

10. Q: Would a notification system help you use it more often?
    A: Yes

Customer Suggestions and Questions:
She has concerns about drivers using the app while driving, so recommending a hands-free feature. It would be helpful to have directions to an alternate parking lot if preferred lot is full. Users able to give a time frame of how long they'll be in the spot. Recommended names: Parkingsons, bitch its open

Interview 4: Jae Choi, jchoi31@lsu.edu, Computer Science, Senior

1. Q: What do you dislike the most about commuting to LSU?
   A: Parking

2. Q: What aspect of parking on campus do you dislike?
   A: People take up two spots making not enough spaces

3. Q: What time do you normally park?
   A: Time varies every day

4. Q: Where do you normally park?
   A: WCA parking lot

5. Q: How long does it take you to find parking?
   A: 7 minutes

6. Q: What kind of parking pass do you have?
   A: Residential

7. Q: Would an estimate of spots be helpful?
   A: Yes

8. Q: On a scale of 1-10, how likely are you to use the app?
   A: Moderately likely

9. Q: How likely are you to open the app to mark that you have parked?
   A: Likely

10. Q: Would a notification system help you use it more often?
    A: Yes

Customer Suggestions and Questions:
wicked pahrk (boston accent)

Interview 5: Westen S. Kinnaird, wkinna1@lsu.edu

1. Q: What do you think of LSU parking?
   A: LSU parking is serviceable but not enjoyable. The lots feel like the product of urban sprawl rather than intelligent civil engineering.

2. Q: When do you usually park?
   A: I would try to get to campus 30m before my classes started.

3. Q: Where do you usually park?
   A: I parked exclusively in the Nicholson Extension West Lot X166 and the Raptor B lot depending on the time of day

4. Q: How long do you spend looking for a spot?
   A: I parked in the lots I did because there were spots readily available about 90% of the time. When there weren't, less than 5m searching for a spot because I would just default to the further lots.

5. Q: What time do you find parking the easiest?
   A:

6. Q: Do you think it would be helpful if you knew the number of available parking spots in a certain lot?
   A: Nope

7. Q: What parking pass do you have?
   A: I had a commuter pass, #1

8. Q: How likely are you to use our app?
   A: Not very likely, considering I'm an alumni, but I also had no use for it when I was a student because I committed to parking way far out to avoid the hassle. I'd rather spend 5 minutes walking than 5 minutes driving around for parking

9. Q: How likely are you to mark when you're in a spot or not?
   A: If I was using the app, I'd be very inclined to use it properly and mark the spot I'm in. Apps like this work on community activity.

10. Q: Would you be more likely to mark if you were sent a notification?
    A: Yeah, being sent a notification would definitely incentivize me because it makes it convenient

11. Q: What Should We name our app?
    A: FreeSpace, Parking Buddy, Park Place, i dunno man.

Interview 6: Tyler J Mcdonald, tmcdo13@lsu.edu

1. Q: What do you think of LSU parking?
   A: I think LSU parking can be improved.

2. Q: When do you usually park?
   A: I usually park on Tuesdays and Thursdays around 8:30.

3. Q: Where do you usually park?
   A: Stadium Parking Lot

4. Q: How long do you spend looking for a spot?
   A: The longest I've gone is 15 minutes until I settled for the far back side of the lot.

5. Q: What time do you find parking the easiest?
   A: Parking is the easiest really early at 7:30-8:00 and really late at 2:00 and on.

6. Q: Do you think it would be helpful if you knew the number of available parking spots in a
   certain lot?
   A: Somewhat, although spots can be taken pretty fast.

7. Q: What parking pass do you have?
   A: Commuter 1 year Pass.

8. Q: Are you a transfer student?
   A: No, I am not a transfer student.

9. Q: How likely are you to use our app?
   A:

10. Q: How likely are you to mark when you're in a spot or not?
    A: I would probably use it, but only for a short while as this is my last year at LSU.

11. Q: Would you be more likely to mark if you were sent a notification?
    A: Pretty likely, although I might forget every once in a while.

12. Q: What Should We name our app?
    A: VIP Parking

Interview 7: Alex Lesiw, alesiw1@lsu.edu, Biological Sciences. Senior.

1. Q: What do you think of LSU parking?
   A: Horrible. There's never any availability. I have to fight to get a spot for study sessions.

2. Q: When do you usually park?
   A: It varies, but usually 1pm on the weekends, and 5-7pm on weekdays. I can never find parking on campus on the weekdays, so I pay to park in the parking garages.

3. Q: Where do you usually park?
   A: The commuter lot and the Ag lot on weekdays, and near Coates and Middleton on the weekends.

4. Q: How long do you spend looking for a spot?
   A: Ten minutes on a good day.

5. Q: What time do you find parking the easiest?
   A: 4:30 pm when the gates are opened, or late at night around 9.

6. Q: Do you think it would be helpful if you knew the number of available parking spots in a certain lot?
   A: Yes, airports usually have the ability to inform you when a lot is full.

7. Q: What parking pass do you have?
   A: Commuter pass.

8. Q: Are you a transfer student?
   A: Yes, I transferred from University of Vermont.

9. Q: How likely are you to use our app?
   A: Very. 10.

10. Q: How likely are you to mark when you're in a spot or not?
    A: 7, if it's a small i would be more inclined. And not as likely if I am in a rush.

11. Q: Would you be more likely to mark if you were sent a notification?
    A: Yes, 100% more.

12. Q: What Should We name our app?
    A: EZ Park

Interview 8: Jacob Farner, jfarne4@lsu.edu, Computer Science. Senior.

1. Q: What do you think of LSU parking?
   A: There aren't enough spots

2. Q: When do you usually park?
   A: Around noon on weekdays

3. Q: Where do you usually park?
   A: The commuter lot in front of PFT and BEC.

4. Q: How long do you spend looking for a spot?
   A: Around 5 minutes..

5. Q: What time do you find parking the easiest?
   A: Around 3pm

6. Q: Do you think it would be helpful if you knew the number of available parking spots in a certain lot?
   A: Yes.

7. Q: What parking pass do you have?
   A: Commuter pass.

8. Q: Are you a transfer student?
   A: No

9. Q: How likely are you to use our app?
   A: Not very

10. Q: How likely are you to mark when you're in a spot or not?
    A: 5 on a scale of 1 - 10 if the app was already open.

11. Q: Would you be more likely to mark if you were sent a notification?
    A: Yes.

12. Q: What Should We name our app?
    A: Spotme

Interview 9: Dustin Ducree, dducre5@lsu.edu, Kinesiology, Senior

1. Q: What do you think of LSU parking?
   A: There aren't enough spots

2. Q: When do you usually park?
   A: 5 am

3. Q: Where do you usually park?
   A: Stadium Commuter lot

4. Q: How long do you spend looking for a spot?
   A: No time at all

5. Q: What time do you find parking the easiest?
   A: 5am

6. Q: Do you think it would be helpful if you knew the number of available parking spots in a certain lot?
   A: Yes

7. Q: What parking pass do you have?
   A: Commuter 1

8. Q: Are you a transfer student?
   A: No

9. Q: How likely are you to use our app?
   A: Very likely if I am arriving to campus late.

10. Q: How likely are you to mark when you're in a spot or not?
    A: Very likely

11. Q: Would you be more likely to mark if you were sent a notification?
    A: Yes

12. Q: What Should We name our app?
    A: Tiger Parking

Interview 10: Anna Sheffield, asheff9@lsu.edu, Chemical Engineering, Sophomore

1. Q: What do you think of LSU parking?
   A: I only have one month of experience parking as a commuter at LSU. It seems like the only way to get a spot near central campus is to get there early. It would be nice to have a less stressful experience but it also seems like there is only so much space close to central campus that you can dedicate to parking lots.

2. Q: When do you usually park?
   A: 7:45AM MWF, ~9:30AM TTh

3. Q: Where do you usually park?
   A: Ag Center Lot, West Parker Lot, Nicholson Extension Lot, West/South Stadium Lots

4. Q: How long do you spend looking for a spot?
   A: 5-10 minutes

5. Q: What time do you find parking the easiest?
   A: Before 8:00AM, after 4:00PM

6. Q: Do you think it would be helpful if you knew the number of available parking spots in a certain lot?
   A: Yes!!! That would be super helpful.

7. Q: What parking pass do you have?
   A: Commuter

8. Q: Are you a transfer student?
   A: Yes

9. Q: How likely are you to use our app?
   A: Very likely! It's a great idea

10. Q: How likely are you to mark when you're in a spot or not?
    A: Very likely.

11. Q: Would you be more likely to mark if you were sent a notification?
    A: Yes, good idea!

12. Q: What should we name our app?
    A: Geaux Park, LSU Smart Park, Smart Commute LSU, LSU Parking Helper

Interview 11: Sophie Sheffield, ssheff4@lsu.edu, Biology, Freshman

1. Q: What do you think of LSU parking?
   A: It seems difficult for people to get parking spaces since the lots close to campus fill up quite quickly. I get to campus early and I don't have any trouble with parking.

2. Q: When do you usually park?
   A: I usually park around 7:15 AM but sometimes I park at 3:00 PM or 5:30 PM.

3. Q: Where do you usually park?
   A: I usually park in the AG lot.

4. Q: How long do you spend looking for a spot?
   A: 1 minute

5. Q: What time do you find parking the easiest?
   A: Before 7:30 AM

6. Q: Do you think it would be helpful if you knew the number of available parking spots in a certain lot?
   A: Yes!! That would be so nice.

7. Q: What parking pass do you have?
   A: Commuter

8. Q: Are you a transfer student?
   A: No

9. Q: How likely are you to use our app?
   A: Very likely

10. Q: How likely are you to mark when you're in a spot or not?
    A: Very likely

11. Q: Would you be more likely to mark if you were sent a notification?
    A: Yes

12. Q: What should we name our app?
    A: LSU Park It, Tiger Parking

Interview 12: Sumitha Gavini, sgavin2@lsu.edu, Biological Sciences, Senior

1. Q: What do you think of LSU parking?
   A: Awful, hectic, anxiety inducing, time consuming, annoying

2. Q: When do you usually park?
   A: MWF at 9AM; TTh at 9:50AM

3. Q: Where do you usually park?
   A: Tiger Stadium/ECE or overfill lot

4. Q: How long do you spend looking for a spot?
   A: 3 minutes.

5. Q: What time do you find parking the easiest?
   A: Before 7AM and 2-3PM.

6. Q: Do you think it would be helpful if you knew the number of available parking spots in a certain lot?
   A: YES

7. Q: What parking pass do you have?
   A: Commuter

8. Q: Are you a transfer student?
   A: No

9. Q: How likely are you to use our app?
   A: Yes.

10. Q: How likely are you to mark when you're in a spot or not?
    A: Not likely.

11. Q: Would you be more likely to mark if you were sent a notification?
    A: Yes

12. Q: What should we name our app?
    A: LSU Parking

Interview 13: Teena Li, tli28@lsu.edu, Communication Disorders, Junior

1. Q: What do you think of LSU parking?
   A: Kind of a mess and lots of traffic, especially in the afternoon or after 4:00PM.

2. Q: When do you usually park?
   A: Around 7 in the morning.

3. Q: Where do you usually park?
   A: Commuter 1 outside of PFT.

4. Q: How long do you spend looking for a spot?
   A: Not long at all since I arrive relatively early.

5. Q: What time do you find parking the easiest?
   A: In the early morning.

6. Q: Do you think it would be helpful if you knew the number of available parking spots in a certain lot?
   A: Yes.

7. Q: What parking pass do you have?
   A: Commuter

8. Q: Are you a transfer student?
   A: No

9. Q: How likely are you to use our app?
   A: Very likely if I had later classes!

10. Q: How likely are you to mark when you're in a spot or not?
    A: Very likely.

11. Q: Would you be more likely to mark if you were sent a notification?
    A: Definitely!

12. Q: What should we name our app?
    A: Probably something generic like LSU Parking or Tiger Parking.

Interview 14: Kaci Mancuso, Computer Science, Alumni, Kmancu5@lsu.edu

1. Q: What do you think of LSU parking?
   A: Parking is very limited, and I feel can be more efficient overall.

2. Q: When do you usually park?
   A: Most of my parking was done in the morning between 7 to 9 AM.

3. Q: Where do you usually park?
   A: Mostly the lot near PFT/BEC

4. Q: How long do you spend looking for a spot?
   A: Approximately 10 minutes

5. Q: What time do you find parking the easiest?
   A: Near lunchtime, as most schedule a break around that time.

6. Q: Do you think it would be helpful if you knew the number of available parking spots in a certain lot?
   A: Yes.

7. Q: What parking pass do you have?
   A: I use to have a commuter pass.

8. Q: Are you a transfer student?
   A: Yes.

9. Q: How likely are you to use our app?
   A: Somewhat likely.

10. Q: How likely are you to mark when you're in a spot or not?
    A: Somewhat likely.

11. Q: Would you be more likely to mark if you were sent a notification?
    A: Yes.

12. Q: What Should we name our app?
    A: Park or Pass.