Project Proposal

submitted by

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EasyPark

EasyPark is an idea which is intended to make the parking hassle-free, which reduces a lot of stress in our everyday lives. It is a platform where the user can look after the parking slots available at a particular place, without physically being present at the location. It is aimed at solving the problem of waiting in queue and roaming around the parking lot to find a parking spot.The people in general when they go out they find it really hard to find a parking spot, because of several reasons, The parking is shared by public, so one can"t really know the state of the parking spots available or how long would it take to get the parking spot required or where are the available spots. It is chaotic. We intend to overcome the issue by employing EasyPark.
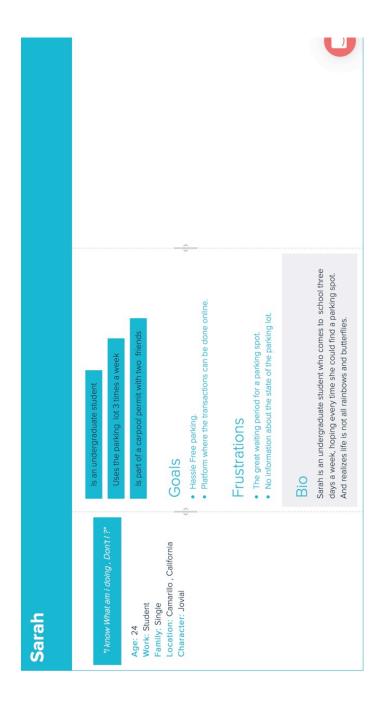
So for the developmental version we are considering the Parking at CSUCI and we are trying to find a solution and in future we hope to normalize the app to a larger extent. The App takes into consideration three important Use Cases , When CSUCI is taken into consideration : 1. A person with a semester parking permit

2. A group with a carpool parking permit

3. A person intending to get a daily parking permit.

We have a plan in place in order to tackle each use case , The app in order to work in an efficient manner may require some ground support from external sources like sensors etc., where the hardware would transmit a signal to the cloud stating the condition of the spot. We will make the data gathered by the hardware accessible to the users. So they could know in advance what they could do, which saves a lot of time. *TIME SAVED IS TIME EARNED.*

So regarding the basic details of the app.

1. The App would come under lifestyle and productivity.

2. The app is tailor made for the situation where we want to save time i.e it helps in finding a parking spot without any hassle and in a span of time which is considerably less than the normal average time now.

3. We had three distinct personas namely Sarah, Patrick and David.

Sarah

"I know What am I doing , Don't I ?"

Age: 24
Work: Student
Family: Single
Location: Camarillo , California
Character: Jovial

Is an undergraduate student

Uses the parking lot 3 times a week

Is part of a carpool permit with two friends

Goals

- Hassle Free parking.
- Platform where the transactions can be done online.

Frustrations

- The great waiting period for a parking spot.
- No information about the state of the parking lot.

Bio

Sarah is an undergraduate student who comes to school three days a week, hoping every time she could find a parking spot. And realizes life is not all rainbows and butterflies.

Patrick

Age: 29

Work: Software professional/Student

Family: Married

Location: Oxnard, California

Character:Driven

Goals

• Hassle Free parking.
• Finding time for the work which is to be done.

Frustrations

• The wasted time for finding a parking spot.
• No information about the state of the parking lot.

Bio

Patrick is a graduate student , who works full time and is married happily. He is goal driven and tries to adhere to his schedule at all costs. He is driven by the pursuit of his goals. He thinks and hopes that a solution can be found for the parking fiasco where he has to spend a ridiculous amount of time finding a spot to park every time.

3

David

"Life , it never ceases to surprise."

Age: 55
Work: Professor
Family: In a relationship
Location: Ventura, California
Character: Laidback, Creative

Goals

- Hassle Free parking.
- Finding the next big thing which would be reminiscent of the good old days.

Frustrations

- The wasted opportunity for people to find a solution to the parking spot conundrum.
- It is being mundane and boring.

Bio

David is a professor for the graduate students. He thinks that life is a basket of golden opportunities where everyone has to pick a problem and find a solution , and make everyone's life easy. Thereby, making the world a better place. He thinks that we should be able to find a cure for the chronic disorder , wastage of time and resources and hopes there will be a day , where he would be part of an ideal society where there are no frustrations and sorrows.

4. The app is designed keeping in mind the need to save time ,features like simple navigation, having a search box help in doing that.

5. As of our knowledge there are no similar apps , but it is kind of similar to apps like FanDango , Ticketstub where you can reserve a spot for yourself in advance.