ParkMe Proposal:

**Service Provided:**

Users will be able to locate nearby parking lots. The application will find and navigate the best suitable parking lot and parking space from their available location.

**Program Implementation:**

A sensor will be connected to a parking spot. The sensor will detect whether or not a car is present. The database will be accessed through an app, and it will display the data to the end user.



**Primary Users:**

YOU! Every drivers such as students, faculty member, staff, and guests may utilize the app.

Why use ParkME?

We are all aware about the parking situation in this campus, especially during peak hours. Using ParkMe will ease up the time to find a parking space with the help of a navigation system.

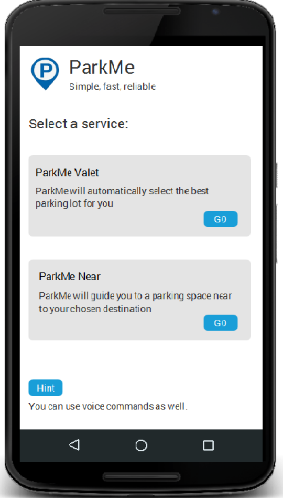
What makes ParkMe Unique?

**Simplicity -** We want our app to be straightforward, two to three taps and it will navigate the user to an empty spot.

**User friendly -** An app that is easy to the eyes to the user, other features that will only confuse the user will not be included.

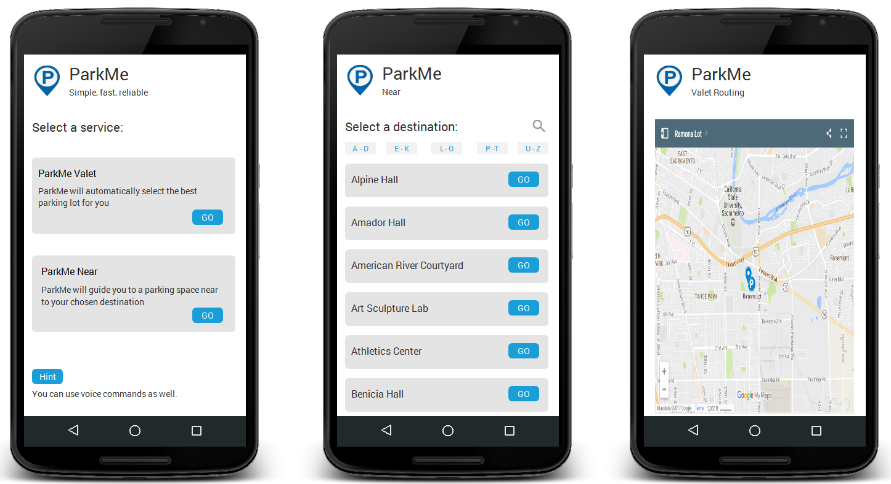
**Voice Command System –** We will soon enable a hands free option for finding a parking space.

Simple steps to ParkME:

Considering the user is already logged in to their account:

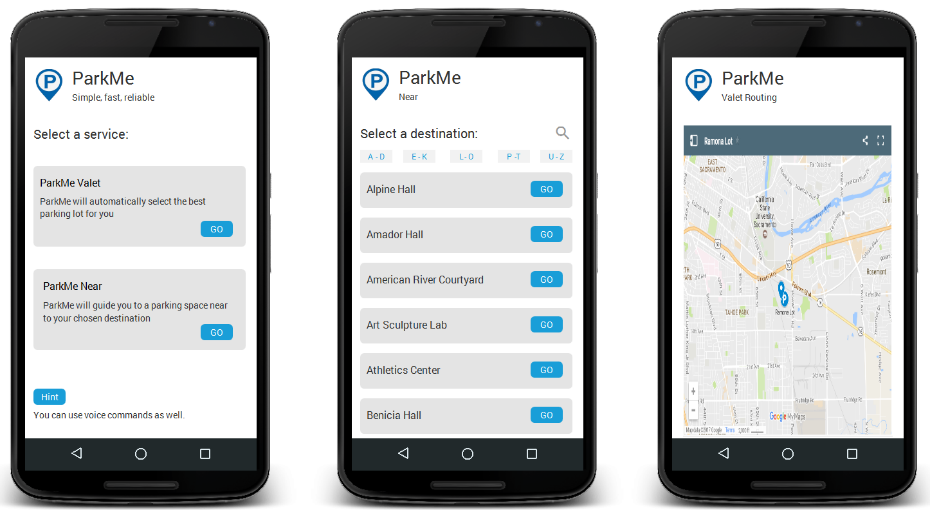
**Step 1:**

Choose the type of service you desire. **ParkMe Valet** or **ParkMe Near**.



**Step 2:**

Choose the parking lot you wish to park on. (If ParkMe Near was selected).

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**Step 3:**

Not really a step, but enjoy driving to the chosen destination!

System Requirements:

-Ultrasonic Sensor HC-SR04

-Sensor Controller (Raspberry Pi)

-Parking Database

-Web Server (REST API)

-Internet Connection

-Mobile phone (Android preferred)

Features:

-ParkMe Valet

-ParkMe Near



Park Me

Team 3:

Pink Unicorns

Members:

Nolan Roe - Robert Fuller

Hugo Tavares - Adrian David

Cecilia Dominguez

URL: https://parkmecsus.wordpress.com/