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#### Motivation

- Current car wash models requires time, effort, resources
  - Automatic Car Wash: Must go to location, excessive water, not as detailed as hand wash
  - Hand wash: Requires time, supplies, physical exertion
- Provide convenience: bring the service to the customer
- Opportunity to enter stagnant market
- Benefits to all involved: Washu, Business Licensees, Washers, Customers

## Functional Specifications

- Make car washes more convenient, quicker, easier
- Car owners receive notifications in wash region, uploads car picture, input orders
- Washers receive notifications for orders, mark orders as complete
- Managers see orders, create wash regions
- Native Mobile application
- Develop for Android 4.0 to reach the most number of users

## System overview

- User models
  - Customer(Car Owner)
  - o Business Manager
  - Car Washer
- Client-Server model
  - Mobile App client
  - Washu Server

### Customer

- Receives notification upon entering Washu car wash region
- Take picture of car, mark car location on map
- Choose wash service:
  - Platinum Plus: Basic wash + wax + tire scrub
  - Platinum: Basic wash + tire scrub
  - Super: Basic Wash
- Choose washer
- Pay with credit card through app
- Leave rating for washer



### Car Washer

- Receives notification of car wash orders
- See customer's order information:
  - Wash type
  - Car image
  - License plate
- Mark wash as complete
- Take picture of clean car
- Leave rating for customer

## Business Manager

- License Washu
- Establish wash region
- Hire car washers, create washer profiles
- See history of wash orders
- Contact customer by phone or email

## To-be Implemented

- GPS locations
- Reviews
- Push Notifications
- Additional payment options
- Business Manager Functionalities
- Washu Server
- iOS version

## Testing

- Profile Creation
- Making orders
  - Wash Packages
  - Phone Camera
  - Payment
- Receiving orders





