**The Wheel Deal**

Cristina Bindschatel, Jennifer Brown, Luke Jeries, Nicholas Sammut,  
Taylor Shephard, Will Rieske, Dan Wiseman

<https://csc425.slack.com/>

**Name:** The Wheel Deal

**Scope:**

Our app identifies the make and model of cars through a phone camera and creates a competitive game-like environment for users to share their finds.

What our app does is it identifies the car's make and model, It has a GPS of where the picture was taken. The app also saves the pictures of the cars on the cloud. The app has a scoring system with leadership boards and weekly challenges that have badges or trophies.

In order for us to do this sort of detection, we are using an open source image recognition API called OpenALPR. OpenALPR is specific to detecting make and model of cars. For cloud storage, we are using Firebase to store the captured data such as GPS location, the picture taken and the car identification.

The system does not detect the year of the car or who the driver is. The app can not tell you what the license plate number is. The app also doesn't allow you to manually input the car's information.

**Personas :**

| **Name** | **Description** |
| --- | --- |
| Sarah Clark | Loves Cars  Likes searching games  Very Competitive  College Student  Is on her phone most of the day |
| Bill Billerson | Vintage car enthusiast  Loves identifying cars and testing his knowledge  Works on cars in his spare time  Just got a smartphone and wants something easy-to-use |
| Catherine Aberjeen | 18 year old Tomboy  No personal interest in cars  Friends are all car enthusiasts  Likes playing games with friends |
| Neil Edwards | 21 year old  Exotic car enthusiast  Wants a place to store pictures of cars (rather than his smartphone)  Works in a car shop  Likes multiplayer videogames |
| Bill Jackson | 48 years old  Medically separated from Military  Vehicle Mechanic  Collects vintage car models  Avid Car Show attendee |

**Use Case:**

****